

Meeting: **Phase 2 Reservoir Project Agreement**

2020 August 21

Subject: **Reservoir Committee Meeting**

9:00 AM – 12:00 PM

Location: [WebEx Link](#)

Call in: **1-408-418-9388**

Code: **146 434 9620**

Chair: Thad Bettner (Glenn-Colusa Irrigation District)

Vice Chair: Jeff Davis (San Geronio Pass Water Agency)

Treasurer: Jamie Traynham (Davis Water District)

AGENDA

Notice: Pursuant to Executive Orders N-25-20 and N-33-20, issued by Governor Newsom on March 12, 2020, and guidance by the California Department of Public Health dated March 11, 2020, this meeting will be conducted by teleconference. The public may attend the meeting and offer public comments by phone, using the call-in number above. Members of the Committee will participate by teleconference from other locations.

ROLL CALL & CALL TO ORDER:

- Introductions.
- Pledge of Allegiance.
- Approval of August 21, 2020 Agenda.
- Period for Public Comment.

1. Consent Agenda:

Approximate start time 9:10 am

The following items have been reviewed by the Executive Director. To his knowledge, there is no opposition to the action. The items can be acted on in one consolidated motion as recommended or may be removed from the Consent Calendar and separately considered at the request of any person.

- 1.1 Approve the July 16, 2020 Phase 2 Reservoir Committee Meeting Minutes. **(Attachments A & B)**
- 1.2 Accept the Sites Project Authority Treasurer's Report as presented in Attachment 1.2A. **(Attachment A)**
- 1.3 Approve the Payment of Claims as presented in Attachment 1.3A with supporting details provided in Attachment 1.3B. **(Attachments A, B & C)**
- 1.4 Consider approval of a recommendation to the Sites Project Authority for issuing two checks totaling \$110,000 to initiate applications with Pacific Gas & Electric (PG&E) and Western Area Power Administration (WAPA) to begin engineering consultation for progressing feasibility study of project electrical facilities.

2. Action Items:

Approximate start time 9:15 am

- 2.1 Approve the revised work plan (budget) with a period of performance of September 1, 2020 to December 31, 2021 (Amendment 2) and updated Exhibit B to the Second Amendment to 2019 Reservoir Project Agreement. **(Attachments A, B, & C)**
- 2.1.1 Consider approval of a recommendation to the Sites Project Authority and approve HDR Engineers, Inc.'s (Project Integration) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$4,342,136 for the period of September 1, 2020 through December 31, 2021.
- 2.1.2 Consider approval of a recommendation to the Sites Project Authority and approve Brown and Caldwell's (B&C) (Project Controls) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$2,505,736 for the period of September 1, 2020 through December 31, 2021.
- 2.1.3 Consider approval of a recommendation to the Sites Project Authority and approve Katz and Associates' (Katz) (Communications) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$400,000 for the period of September 1, 2020 through December 31, 2021.
- 2.1.4 Consider approval of a recommendation to the Sites Project Authority and approve CH2M Hill engineers, Inc.'s (CH2M) (Operations) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$2,094,564 for the period of September 1, 2020 through December 31, 2021.
- 2.1.5 Consider approval of a recommendation to the Sites Project Authority and approve ICF Jones and Stokes, Inc's. (ICF) (Environmental Planning) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$3,010,759 for the period of September 1, 2020 through December 31, 2021.
- 2.1.6 Consider approval of a recommendation to the Sites Project Authority and approve ICF Jones and Stokes, Inc's (ICF) (Permitting and Agreements) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$4,400,995 for the period of September 1, 2020 through December 31, 2021.
- 2.1.7 Consider approval of a recommendation to the Sites Project Authority and approve CH2M Hill Engineers, Inc.'s (CH2M) (Engineering-Conveyance) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$3,356,849 for the period of September 1, 2020 through December 31, 2021.
- 2.1.8 Consider approval of a recommendation to the Sites Project Authority and approve AECOM (Engineering - Reservoir) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$1,765,758 for the period of September 1, 2020 through December 31, 2021.

2.1.9 Consider approval of a recommendation to the Sites Project Authority and approve Fugro USA Land, Inc.'s (Fugro) (Geologic/Geotechnical Services) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$2,079,804 for the period of September 1, 2020 through December 31, 2021.

2.2 Approve updated Funding Credit and Reimbursement Policy. **(Attachment A)**

3. Discussion and Information Items: Approximate start time 10:45 am

3.1 Review and comment on the approach being taken to address comments from conservation organizations on the 2017 Draft Environmental Impact Report (EIR)/Environmental Impact Statement (EIS) in the development of the Revised EIR/Supplemental EIS. **(Attachment A)**

3.2 Review and comment on Permitting and Agreement List. **(Attachment A)**

3.3 Receive status update on preliminary participation levels, outreach efforts related to maintaining project subscription in Second Amendment to 2019 Reservoir Project Agreement (Amendment 2) and the process of rebalancing participation. **(Attachment A)**

3.4 Review and Comment on Engineering Feasibility Approach for Improved Cost Certainty.

3.5 Receive report by Legal Counsel reviewing provisions of the Ralph M. Brown Act related to closed sessions. **(Attachment A)**

4. Reports: Approximate start time 11:30 am

4.1 Member's Reports:

4.1.1 Chairpersons' Report:

This time is set aside to allow the Chair/Co-Chair an opportunity to disclose/discuss items related to the Sites Project.

4.1.2 Workgroup Chairpersons' Report:

This time is set aside to allow the Workgroup Chairpersons' an opportunity to disclose/discuss items related to the Sites Project.

4.1.3 Reservoir Committee Participant Reports:

This time is set aside to allow Representatives or their Alternates an opportunity to disclose/discuss items related to the Sites Project.

4.2 Executive Director's Reports:

- Monthly status report. **(Attachment A)**

5. Future Meetings and Schedules: Approximate start time 11:55 am

5.1 Suggested Future Agenda Items.

5.2 Proposed Upcoming meeting:

Joint Authority Board & Reservoir Committee

Thursday, September 17, 2020 1:00 PM
TBD

ADJOURN:

PERIOD OF PUBLIC COMMENT: Any person may speak about any subject of concern, provided it is within the jurisdiction of the Reservoir Committee and is not already on today's agenda. The total amount of time allotted for receiving such public communication shall be limited to a total of 10 minutes per issue and each individual or group will be limited to no more than 3 minutes each within the 10 minutes allocated per issue. **Note:** No action shall be taken on comments made under this comment period.

ADA COMPLIANCE: Upon request, agendas will be made available in alternative formats to accommodate persons with disabilities. In addition, any person with a disability who requires a modification or accommodation to participate or attend this meeting may request necessary accommodation. Please make your request to the Board Clerk, specifying your disability, the format in which you would like to receive this Agenda and any other accommodation required no later than 24 hours prior to the start of the meeting.

This meeting will be recorded.

Meeting: **Phase 2 Reservoir Project Agreement**

2020 July 16

Subject: **Reservoir Committee Meeting**

1:00 PM – 4:15 PM

Location: Maxwell Project Office
122 Old Highway 99W, Maxwell, CA 95955

Chair: Thad Bettner (Glenn-Colusa Irrigation District)

Vice Chair: Jeff Davis (San Geronio Pass Water Agency)

Treasurer: Jamie Traynham (Davis Water District)

MINUTES

CALL TO ORDER:

Chairman Bettner called the meeting to order at 1:00 p.m., followed by the Pledge of Allegiance.

ROLL CALL:

Roll was called (See Attachment A), which resulted in 19 eligible representatives. This equated to 95.03% of the current participation percentage being in attendance, which is greater than the 50% needed to have a quorum of the Reservoir Committee. **(Attachment A)**

INTRODUCTIONS:

The Sites Staff, Consultants and members of the public introduced themselves.

ATTENDANCE:

See Attachment B.

AGENDA APPROVAL:

It was moved by Kao, seconded by Davis to approve the July 16, 2020 Reservoir Committee Agenda, as presented. Motion carried unanimously.

ANNOUNCEMENT OF CLOSED SESSION:

Counsel Kuney announced the Reservoir Committee Members would consider the following Closed Session matter:

5.1 Executive Director's Three-Month Performance Review (Govt. Code § 54954.5(e)).

PERIOD OF PUBLIC COMMENT:

Chairman Bettner called for public comment. Hearing none, he closed the period of public comment.

Chairman Bettner made time to consider Consent Agenda Item Number 1.1 through 1.7.

Ms. Traynham stated Consent Agenda Item Number 1.6 regarding the Workgroup Charter Document updates are not formatted the same. She stated the Engineering and Operations Workgroup is not formatted the same as the Coordination, Environmental Planning and Permitting and Joint Budget and Finance Committee and requested they be formatted the same.

1. **Consent Agenda:** It was moved by Davis, seconded by Marks to approve Consent Agenda Item Numbers 1.1 through 1.7 as follows:
 - 1.1 Approve the June 18, 2020 Phase 2 Reservoir Committee Meeting Minutes.
 - 1.2 Accept the Sites Project Authority Treasurer's Report as presented in Attachment 1.2A. **(Attachment A)**
 - 1.3 Approve the Payment of Claims as presented in Attachment 1.3A with supporting details provided in Attachment 1.3B. **(Attachments A, B & C)**
 - 1.4 Adopt Resolution No. 2020-03, providing all of the duties, authorities and responsibilities to the Authority's Executive Director that were previously delegated to the Authority's General Manager and authorize the Chairman to sign. **(Attachment A)**
 - 1.5 Approve the revised changes to the Authority Consulting Services Agreement. **(Attachment A)**
 - 1.6 Approve the Coordination, Engineering and Operations, Environmental Planning and Permitting and Joint Budget and Finance Workgroup Charter Document updates. **(Attachment A & B)**
 - 1.7 Approve an amendment to Brown and Caldwell's (Project Controls) contract and task order scope of work and budget and authorize the Executive Director to sign. **(Attachment A)**

Motion carried unanimously.

2. **Action Items:**

- 2.1 Accept the Financial Auditor's Report. **(Attachments A & B)**

Action: It was moved by Davis, seconded by Cheng to accept the Financial Auditor's Report, as presented. Motion carried unanimously.

- 2.2 Recommend approval of release of a Request for Qualifications to initiate the procurement of legal services to support the acquisition of the water rights permits and approvals needed to support the project. **(Attachment A)**

Executive Director Brown provided a brief overview of the following:

- Release of the RFQs for the procurement of legal services to support the acquisition of the water rights permits and approvals needed to support the Sites Project.
- Selection panel consisting of the Executive Director, the Environmental and Permitting and Planning Manager and the Chairs from the Reservoir Committee and Authority Board.
- Selection criteria and process.
- List of firms invited to propose for the water right legal services.

Brief discussion followed.

Executive Director Brown also stated there is still room on the selection panel should anyone be interested. Brief discussion followed, with Jeff Davis, Michael Azevedo, Amparo Flores and Health Dyer and/or Bob Tincher volunteering to sit on the selection panel.

Action: It was moved by Azevedo, seconded by Kao to approve the release of a Request for Qualifications to initiate the procurement of legal services to support the acquisition of the water rights permits and approvals needed to support the project. Motion carried unanimously.

3. Discussion and Information Items:

- 3.1 Review and comment on the conditionally approved August 2019 Water Storage Policy and consideration of updates to align with Value Planning. Recognize the storage policy serves as the foundational document to 2021 key milestones of creating a Plan of Finance and Operations Plan and refer consideration of updates to the ad hoc Engineering and Operations Workgroup. **(Attachment A)**

Ms. Forsythe provided an overview of the conditionally approved August 2019 Water Storage Policy and spoke to the following:

- Current Policy.
- Potential Areas for Change:
 - Value Planning identified individual participant constraints and needs which the Reservoir Committee may wish to consider in the policy.
 - State and Federal participation.
 - Delegating refinement of Policy to the ad hoc Reservoir Operations & Engineering Workgroup.
- The Foundation of the Sites Project:
 - Storage Policy.
 - Plan of Finance.
 - Operations Plan.

- Next Steps:
 - Refer to Reservoir Operations and Engineering Workgroup for policy updates.
 - Target revisions and determine if further work is needed in 2 months.
 - Individual agency legal review.
- Initiate Plan of Finance development.
 - Review approach at September meeting.
- Continue to develop operations Plan along with permits and operating agreements.

Lengthy discussion followed with no action taken.

3.2 Review and comment on the approach being taken for the modeling baseline for the EIR/EIS analysis.

Ms. Forsythe provided an overview of the approach being taken for the modeling baseline for the EIR/EIS analysis and spoke to the following:

Key Operational Analysis Factors – Baseline

- Baseline Considerations.
- Potential Modeling Baseline Approaches Considered.
- ROC on LTO Alternative 1/Proposed Action Baseline.
- SWP ITP Alternative 2b/Proposed Project Baseline.
- DCR2019 Combined ROC on LTO and SWP ITP Baseline.
- Proposed Approach:
 - Continue development with ROC on LTO baseline.
 - Incorporate SWP ITP actions after release of final DCR2019.
- This approach provides:
 - The most defined and expedient starting point for analysis of Sites Project operations.
 - Best represents Shasta Lake tiered cold water pool management.
 - Use of the merged Sites version of the model developed for the Reclamation Feasibility Report will expedite model development.
- Operations criteria for SWP ITP actions will be incorporated based on DCR2019 as soon as available.
- Conduct additional gap and sensitivity analyses to evaluate additional operations that are needed to support the Sites Project planning and permitting process.
- Continue to evaluate approach and modify as necessary.

Discussion followed with no action taken.

3.3 Review and Comment on Credit Reimbursement Policy (Policy) Revisions. **(Attachment A)**

Ms. Traynham provided an overview of the Draft Funding Credit and Reimbursement Policy revisions. She spoke to the most significant changes proposed in the draft revised Policy as follows:

- Section 6 "Participation Priority".
- Section 10.3 "Limitation on Reimbursements".
- New/added Section 14 "Provision for Buy-in After Phase 1".
- New/added Section 15 "Provision for Phase 2 Rebalancing and True-up Process".

Mr. Brown provided an explanation of the hypothetical examples of the Credit & Reimbursement between Phase 2A and Phase 2B. Discussion followed.

Ms. Traynham stated comments are being requested from the participants by July 22, 2020 and will return with any revisions/modifications to the Funding Credit and Reimbursement Policy at the August 21, 2020 meeting for further consideration.

3.4 Receive status update on preliminary participation levels, outreach efforts related to maintaining project subscription in Second Amendment to 2019 Reservoir Project Agreement (Amendment 2) and the process of rebalancing participation. **(Attachment A)**

Mr. Robinette provided an update on the preliminary participation levels and outreach efforts related to maintaining project subscription in Second Amendment to 2019 Reservoir Project Agreement and the process of rebalancing participation.

He requested an update from the current participants, and they responded as follows:

1. Antelope Valley East Kern WA – expect will maintain same level per Mr. Kunde.
2. Carter Mutual Water Company – no response.
3. City of American Canyon – scheduled to go before Counsel August 18, 2020, but to remain at same level.
4. Coachella Valley Water District – 14,000 ac feet and scheduled Board meeting September 8, 2020.
5. Colusa County – approved.
6. Colusa County WD – committed to 6,000 ac. feet.
7. Cortina WD – maintain same level.

8. Davis Water District – maintain same level – meeting scheduled first week of August 2020.
 9. Dunnigan WD – no change, stay at the same level.
 10. Desert WA – level to remain the same, no date for Board meeting yet.
 11. Glenn Colusa Irrigation District – Budget meeting scheduled for August 20, 2020.
 12. LaGrande Water District – maintain same level.
 13. Metropolitan Water District of Southern California – No decision at this time, will be taking to Board in October 2020.
 14. RD-108 – approved 4,000 ac. feet and signed agreement.
 15. San Bernardino Valley Municipal Water District – approved.
 16. San Geronio Pass Water Agency – 10,000 ac. feet and signed agreement, maybe 14,000 ac. feet total.
 17. Santa Clara Valley WD – Board meeting scheduled in August 2020.
 18. Santa Clarita Valley Water Agency – August 21, 2020 Board to discuss, 5,000 ac feet and consider increase to 10,000 ac. feet.
 19. Westside Water District – 2,000 ac. feet and sign agreement early September 2020.
 20. Zone 7 Water Agency – approved for 10,000 ac. feet.
 21. Wheeler Ridge-Maricopa WSD – July 27, 2020 meeting, have response by August 7, 2020, expecting to stay at the same level maybe more.
- Mr. Kunde stated Pacific Resources has expressed interest in 10,000 ac. feet, possibly more. Brief discussion followed with no action taken.

Executive Director Brown stated Agenda Item 3.5 and 3.6 would be considered at the same time. He provided a brief update on the following:

- 3.5 Review and comment on the July 2020 Quarterly Update of the plan and schedule for addressing the Organizational Assessment findings and recommendations. **(Attachment A) and**

Executive Director Brown briefly spoke to the matrix included in the agenda packet and a status update of progress made.

- 3.6 Review and comment on the Strategic Planning Session Draft Agenda. **(Attachment A)**

Executive Director Brown provided a brief update on the Strategic Planning Session Draft Agenda and reminded all that the Strategic Planning Session would be held on August 13, 2020 and encouraged everyone to attend/virtually or in person.

4. **Reports:**

4.1 Member's Reports:

4.1.1 Chairpersons' Report:

This time is set aside to allow the Chair/Co-Chair an opportunity to disclose/discuss items related to the Sites Project.

Vice-Chairman Davis encouraged all to participate in Strategic Planning Session scheduled for August 13, 2020.

4.1.2 Workgroup Chairpersons' Report:

This time is set aside to allow the Workgroup Chairpersons' an opportunity to disclose/discuss items related to the Sites Project.

Reservoir Ops & Engineering Workgroup

Mr. Kunde provided a brief update on the July 1, 2020 meeting regarding The status of various matters. He stated the next meeting will be held on July 27, 2020.

4.1.3 Reservoir Committee Participant Reports:

This time is set aside to allow Representatives or their Alternates an opportunity to disclose/discuss items related to the Sites Project.

Mr. Kunde requested an update on the Settlement Agreements.

Chairman Bettner stated no updates are available at this time. Brief discussion followed with no action taken.

4.2 Executive Director's Reports:

- Welcome Mr. Lance Eckhart on board.
- Monthly status report. **(Attachment A)**
- Update on the Town Hall meetings.
- Provided an update on CWC actions as follows:
 - Update on the Six Agency Letter.
 - No action taken on changing the 01/01/22 deadline (taken off table).
 - Facebook post by a group "Save Our Salmon" in opposition to the Sites Project.
 - Project Objective and Alternatives.

RECESS:

Chairman Bettner declared a recess at 3:32 p.m., and convened into Closed Session to consider the following matter:

5. Closed Session

- 5.1 Executive Director's Three-Month Performance Review (Govt. Code § 54954.5(e)).

Chairman Bettner adjourned Closed Session at 4:03 p.m., and reconvened into Open Session.

Chairman Bettner announced there was no reportable action taken on the Closed Session matter regarding the Executive Director's Three-Month Performance Review (Govt. Code Section 54954.5(3)).

6. Future Meetings and Schedules:

- 6.1 Suggested Future Agenda Items.

None.

- 6.2 Upcoming meetings:

Strategic Planning Session

August 13, 2020

TBD

(Teleconferencing and video link will be provided as an option)

Reservoir Committee

Friday, August 21, 2020 9:00 AM

Sites Project Office, 122 Old Highway 99W Maxwell, CA 95955

(Teleconferencing and video link will be provided as an option)

Authority Board

Wednesday, July 22, 2020 1:30 pm

Sites Project Office

(Teleconferencing and video link will be provided as an option)

Wednesday, August 26, 2020 1:30pm

Sites Project Office

(Teleconferencing and video link will be provided as an option)

Chairman Bettner adjourned the meeting at 4:05 p.m.

Chairman
Thad Bettner

Executive Director
Jerry Brown

Roll Call

Current Voting Committee Participants (21):

	Pct	Participant		Pct	Participant
<input checked="" type="checkbox"/>	3.42	American Canyon, City	<input checked="" type="checkbox"/>	2.64	LaGrande WD (1)
<input type="checkbox"/>	2.51	Antelope Valley-East Kern WA	<input checked="" type="checkbox"/>	15.34	Metropolitan WD
<input type="checkbox"/>	2.46	Carter MWC	<input checked="" type="checkbox"/>	3.42	Reclamation District 108 (1)
<input checked="" type="checkbox"/>	4.97	Coachella Valley WD	<input checked="" type="checkbox"/>	7.93	San Bernardino Valley MWD
<input checked="" type="checkbox"/>	4.97	Colusa County	<input checked="" type="checkbox"/>	6.01	San Geronio Pass WA
<input checked="" type="checkbox"/>	5.49	Colusa Co. WD	<input checked="" type="checkbox"/>	6.53	Santa Clara Valley WD
<input checked="" type="checkbox"/>	2.50	Cortina WD (1)	<input checked="" type="checkbox"/>	3.67	Santa Clarita Valley WA
<input checked="" type="checkbox"/>	2.90	Davis WD	<input checked="" type="checkbox"/>	6.27	Westside WD
<input type="checkbox"/>	0.00	Department of Water Resources (non-voting)	<input checked="" type="checkbox"/>	3.17	Wheeler Ridge-Maricopa WSD
<input checked="" type="checkbox"/>	4.06	Desert WA	<input checked="" type="checkbox"/>	0.00	US Bureau of Reclamation (non-voting)
<input checked="" type="checkbox"/>	3.09	Dunnigan WD (1)	<input checked="" type="checkbox"/>	4.97	Zone 7 WA
<input checked="" type="checkbox"/>	3.68	Glenn-Colusa ID		100.00	Total

19. Voting members represented at Meeting start

95.03% Represented participation percentage

Representation has been delegated as follows:

(1) To Jamie Traynham, Davis WD

(≠) Not present after _____



NOTE 1: Participation by phone is not counted in quorum or voting unless their meeting location was included in the agenda or their participation is designated by ◆.

Current Voting Reservoir Committee Participants (21):

<i>Participant</i>	<input checked="" type="checkbox"/> <i>Representative</i>	<input checked="" type="checkbox"/> <i>Alternate</i>	<i>Others</i>
American Canyon, City	<input checked="" type="checkbox"/> Rick Kaufman	<input type="checkbox"/> Felix Hernandez III Jason Holley	
AVEK WA	<input type="checkbox"/> Dwayne Chisam	<input type="checkbox"/> Dan Flory	
Carter MWC	<input type="checkbox"/> Ben Carter	<input type="checkbox"/> Ann Carter	
Coachella Valley WD	<input checked="" type="checkbox"/> Robert Cheng	<input checked="" type="checkbox"/> Ivory Reyburn	
Colusa County.	<input checked="" type="checkbox"/> Mike Azevedo	<input type="checkbox"/> Gary Evans	
Colusa Co. WD	<input checked="" type="checkbox"/> Shelley Murphy	<input type="checkbox"/> Joe Marsh	
Cortina WD	<input type="checkbox"/> Jim Peterson	<input type="checkbox"/> Chuck Grimmer	Jamie Traynham
Davis WD	<input checked="" type="checkbox"/> Jamie Traynham	<input type="checkbox"/> Tom Charter	
Desert WA	<input type="checkbox"/> Mark Krause	<input checked="" type="checkbox"/> Steve Johnson	
Dunnigan WD	<input type="checkbox"/> Bill Vanderwaal	<input type="checkbox"/>	Jamie Traynham
Glenn-Colusa ID	<input checked="" type="checkbox"/> Thad Bettner	<input type="checkbox"/> Don Bransford	
LaGrande WD	<input type="checkbox"/> Zach Dennis	<input type="checkbox"/> Ken LaGrande	Jamie Traynham
Metropolitan WD	<input type="checkbox"/> Randall Neudeck	<input checked="" type="checkbox"/> Chandra Chilmakuri	
RD 108	<input type="checkbox"/> Bill Vanderwaal	<input type="checkbox"/> Blair Lewis	
San Bernardino V MWD	<input type="checkbox"/> Bob Tincher	<input checked="" type="checkbox"/> Heather Dyer	
San Gorgonio Pass WA	<input type="checkbox"/> Jeff Davis	<input checked="" type="checkbox"/> Lance Eckhart	
Santa Clara Valley WD	<input checked="" type="checkbox"/> Cindy Kao	<input checked="" type="checkbox"/> Eric Leitterman	
Santa Clarita Valley WA	<input checked="" type="checkbox"/> Dirk Marks	<input type="checkbox"/> Steve Cole	
Westside WD	<input checked="" type="checkbox"/> Allan Myers	<input checked="" type="checkbox"/> Dan Ruiz	
Wheeler Ridge-Maricopa WSD	<input checked="" type="checkbox"/> Rob Kunde	<input type="checkbox"/>	
Zone 7 WA	<input checked="" type="checkbox"/> Amparo Flores	<input type="checkbox"/> Carol Mahoney	
		<input type="checkbox"/> Jarnail Chahal	
		<input checked="" type="checkbox"/> Wes Mercado	
		<input checked="" type="checkbox"/> Valerie Pryor	

Non-Voting Committee Participants (2):

<i>Participant</i>	✓ <i>Representative/Other</i>	✓ <i>Alternate/Other</i>	
Dept of Water Resources	<input type="checkbox"/> Rob Cooke	<input type="checkbox"/> David Sandino	
	<input type="checkbox"/> Ajay Goyal	<input type="checkbox"/> Jim Wieking	<input type="checkbox"/> Dave Arrate
Bureau of Reclamation	<input type="checkbox"/> Richard Welsh	<input checked="" type="checkbox"/> Don Bader	<input type="checkbox"/> Chris Duke
	<input checked="" type="checkbox"/> Ryan Davis	<input type="checkbox"/> Derya Sumer	<input type="checkbox"/> Mike Mosley
	<input checked="" type="checkbox"/> Natalie Wolder	<input type="checkbox"/> David Van Rijn	<input type="checkbox"/> Shana Kaplan

Authority, Non-Signatory (6):

<i>Participant</i>	✓ <i>Representative</i>	✓ <i>Alternate</i>
Glenn County	<input type="checkbox"/> John Viegas	<input type="checkbox"/>
PCWA	<input type="checkbox"/> Ed Horton	<input type="checkbox"/> Ben Barker <input type="checkbox"/> Darin Reintjes
Roseville	<input checked="" type="checkbox"/> Sean Bigley	<input type="checkbox"/> Trevor Joseph <input checked="" type="checkbox"/> Jason Marks
Sacramento, City of	<input type="checkbox"/> Jeff Harris	<input type="checkbox"/> Anne Sanger
Sacramento County WA	<input type="checkbox"/> Kerry Schmitz	<input type="checkbox"/> Michael Peterson
Tehama-Colusa Canal Authority	<input type="checkbox"/> Jeff Sutton	<input type="checkbox"/>

Staff:

✓ <i>Name</i>	<i>Representing</i>
<input checked="" type="checkbox"/> Jerry Brown	Executive Director
<input checked="" type="checkbox"/> Forsythe, Ali	Sites Project Authority
<input checked="" type="checkbox"/> Spesert, Kevin	Sites Project Authority

✓ <i>Name</i>	<i>Representing</i>
<input checked="" type="checkbox"/> Trapasso, Joe	Sites Project Authority
<input checked="" type="checkbox"/> Tirado, Yolanda	Board Clerk
<input checked="" type="checkbox"/> Kivett, Marcia	Admin

Consultants:

✓ <i>Name</i>	<i>Representing</i>
<input type="checkbox"/> Alexander, Jeriann	Fugro
<input type="checkbox"/> Boling, Robert	HDR
<input type="checkbox"/> Briard, Monique	ICF
<input type="checkbox"/> Floyd, Kim	Floyd
<input checked="" type="checkbox"/> Herrin, Jeff	AECOM
<input checked="" type="checkbox"/> Heydinger, Erin	HDR
<input checked="" type="checkbox"/> Katz, Sara	Katz & Associates
<input checked="" type="checkbox"/> Kuney, Scott	Young Wooldridge

✓ <i>Name</i>	<i>Representing</i>
<input checked="" type="checkbox"/> Luu, Henry	HDR
<input checked="" type="checkbox"/> McDonald, Connor	CMD West
<input checked="" type="checkbox"/> Robinette, JP	Brown & Caldwell
<input type="checkbox"/> Rude, Peter	Ch2m
<input type="checkbox"/> Spranza, John	HDR
<input type="checkbox"/> Tull, Rob	Ch2m
<input type="checkbox"/> Warner Herson, Laurie	Phenix
<input checked="" type="checkbox"/> Westcot, Cathy	HDR

Other Attendees:

<i>Name</i>	<i>Representing</i>	<i>Contact (Phone & E-mail)</i>
Laura Nicholson	Office of Senator Nielson	
Juleah Cordi	Office of Assemblyman James Gallagher	
Scott Brown	Larsen Wurzel	
Katrina Jessop	Valley Water	
Jeff Brown		
Dee Bradshaw	MET	
Charles Gardiner	Catalyst Group	
Alex Vdovichenko	DWR	
Grace Lui	Fugro	



Topic: **Reservoir Committee Agenda Item 1.2**

2020 August 21

Subject: **Treasurer's Report**

Requested Action:

Accept the Sites Project Authority Treasurer's Report as presented in Attachment 1-2A.

Detailed Description/Background:

Attachment 1-2A incorporates financial information through July 31, 2020.

Prior Action:

None.

Fiscal Impact/Funding Source:

None.

Staff Contact:

Joe Trapasso

Attachments:

Attachment A: July 2020 Treasurer's Report.

SITES JOINT POWERS AUTHORITY

TREASURER'S REPORT

July 31, 2020

Savings Account-River City Bank

Beginning Balance	07/01/2020	\$ 2,740,781.91	
Transfer to General Checking to max benefit		\$ (271,923.61)	
Interest Earned		\$ 1,775.24	
River City Bank ICS Savings Account Balance	07/31/2020		\$ 2,470,633.54

General Operating Checking Account-River City Bank

Beginning Balance	07/01/2020	\$ 1,268,579.24	
RECEIVED:			
Refund from Sac Public Library-Meeting Expense	\$	900.00	
Reservoir Revenue	\$	150,000.00	
Membership Revenue	\$	55,000.00	
Interest Earned	\$	957.72	
TOTAL RECEIVED		\$ 206,857.72	
DISBURSED:			
Bank Fees	\$	(159.82)	
Administrative Support	\$	(5,115.60)	
Computer Service	\$	(1,011.86)	
Accounting Fees	\$	(1,997.00)	
Office Expenses	\$	(574.48)	
Professional Fees-Personnel Recruiter	\$	(24,895.04)	
Professional Fees-Legislative/Regulatory	\$	(8,000.00)	
Professional Fees-Communication	\$	(52,529.14)	
Professional Fees-Organizational Assessment	\$	(236.25)	
Professional Fees-Fed Gov't Affairs Support	\$	(15,000.00)	
Professional Fees-Legal Services	\$	(5,998.00)	
TOTAL DISBURSED		\$ (115,517.19)	
Transfer from Savings to max benefit		\$ 271,923.61	
RCB General Checking Account Balance	07/31/2020		\$ 1,631,843.38

State (WSIP) Fund Checking Account-River City Bank

Beginning Balance	07/01/2020	\$ 5,122,158.45	
DISBURSED:			
Annual Audit Fees	\$	(1,275.60)	
Bus/Comm Manager	\$	(21,320.00)	
Program Op Manager	\$	(28,000.00)	
Professional Fees-Engineering	\$	(314,554.77)	
Professional Fees-Strategic Planning Services	\$	(11,100.88)	
Professional Fees-Permitting & Agreements	\$	(35,391.94)	
Professional Fees-Municipal Advisor	\$	(4,568.75)	
Professional Fees-Cost Development	\$	(13,006.25)	
Professional Fees-Bond Counsel	\$	(3,450.00)	
Professional Fees-Executive Director Services	\$	(33,750.00)	
Professional Fees-Project Controls	\$	(98,335.19)	
Professional Fees-Operations/SIM Modeling	\$	(128,807.64)	
Professional Fees-EPP Manager	\$	(30,251.85)	
Professional Fees-Geotech Eng	\$	(13,209.93)	
Professional Fees-Project Integration	\$	(202,638.30)	
Professional Fees-Reservoir Operations	\$	(7,785.75)	
Professional Fees;Special Legal	\$	(597.60)	
Professional Fees-Env/Biological Serv & Permit	\$	(43,590.12)	
TOTAL DISBURSED		\$ (991,634.57)	
RCB State Fund Checking Account Balance	07/31/2020		\$ 4,130,523.88

TOTAL CASH ON HAND

July 31, 2020

\$ 8,233,000.80

**Sites Project Joint Powers Authority
Transactions by Account
As of July 31, 2020**

Type	Date	Num	Name	Memo	Debit	Credit	Balance
River City ICS Savings							2,740,781.91
General Journal	07/22/2020	7-1C		transfer to max ICS		271,923.61	2,468,858.30
General Journal	07/31/2020	7-3C		rec int fme	1,775.24		2,470,633.54
Total River City ICS Savings					1,775.24	271,923.61	2,470,633.54
River City Operating Account							1,268,579.24
Bill Pmt -Check	07/09/2020	2167	Adept Solutions Inc			1,011.86	1,267,567.38
Bill Pmt -Check	07/09/2020	2168	Darling H2O Consulting, Inc			236.25	1,267,331.13
Bill Pmt -Check	07/09/2020	2169	Dunn Consulting			8,000.00	1,259,331.13
Bill Pmt -Check	07/09/2020	2170	Katz and Associates, Inc			52,529.14	1,206,801.99
Bill Pmt -Check	07/09/2020	2171	KCoe Isom, LLP			1,997.00	1,204,804.99
Bill Pmt -Check	07/09/2020	2172	Maximun Pest Control			65.00	1,204,739.99
Bill Pmt -Check	07/09/2020	2173	Mt Shasta Spring Water			102.40	1,204,637.59
Bill Pmt -Check	07/09/2020	2174	Recology Butte Colusa Counties			35.95	1,204,601.64
Bill Pmt -Check	07/09/2020	2175	Rush Personnel Services, Inc			5,115.60	1,199,486.04
Bill Pmt -Check	07/09/2020	2176	The Ferguson Group			15,000.00	1,184,486.04
Bill Pmt -Check	07/09/2020	2177	US Bank			251.13	1,184,234.91
Bill Pmt -Check	07/09/2020	2178	US Postal Service			120.00	1,184,114.91
Bill Pmt -Check	07/09/2020	2179	William Avery & Associates			24,895.04	1,159,219.87
Bill Pmt -Check	07/09/2020	2180	Young Wooldridge LLP			5,998.00	1,153,221.87
Deposit	07/17/2020			County of Colusa	150,000.00		1,303,221.87
Deposit	07/17/2020			County of Glenn	55,000.00		1,358,221.87
General Journal	07/22/2020	7-1C		transfer to max ICS	271,923.61		1,630,145.48
General Journal	07/28/2020	7-2C		Bank service fee		159.82	1,629,985.66
Deposit	07/31/2020			Sac Public Library	900.00		1,630,885.66
Bill Pmt -Check	07/31/2020	2181	ACWA JPIA		VOID	0.00	1,630,885.66
Bill Pmt -Check	07/31/2020	2182	Adept Solutions Inc		VOID	0.00	1,630,885.66
Bill Pmt -Check	07/31/2020	2183	Dunn Consulting		VOID	0.00	1,630,885.66
Bill Pmt -Check	07/31/2020	2184	Katz and Associates, Inc		VOID	0.00	1,630,885.66
Bill Pmt -Check	07/31/2020	2185	KCoe Isom, LLP		VOID	0.00	1,630,885.66
Bill Pmt -Check	07/31/2020	2186	M R Cleaning Services		VOID	0.00	1,630,885.66
Bill Pmt -Check	07/31/2020	2187	Maximun Pest Control		VOID	0.00	1,630,885.66
Bill Pmt -Check	07/31/2020	2188	Mt Shasta Spring Water		VOID	0.00	1,630,885.66
Bill Pmt -Check	07/31/2020	2189	Recology Butte Colusa Counties		VOID	0.00	1,630,885.66
Bill Pmt -Check	07/31/2020	2190	Rush Personnel Services, Inc		VOID	0.00	1,630,885.66
Bill Pmt -Check	07/31/2020	2191	The Ferguson Group		VOID	0.00	1,630,885.66
Bill Pmt -Check	07/31/2020	2192	US Bank		VOID	0.00	1,630,885.66
Bill Pmt -Check	07/31/2020	2193	Young Wooldridge LLP		VOID	0.00	1,630,885.66
General Journal	07/31/2020	7-4C		rec int fme	957.72		1,631,843.38
Total River City Operating Account					478,781.33	115,517.19	1,631,843.38
River City State Fund Checking							5,122,158.45
Bill Pmt -Check	07/09/2020	1066	AECOM Technical Services, Inc			237,230.88	4,884,927.57
Bill Pmt -Check	07/09/2020	1067	Brown and Caldwell			98,335.19	4,786,592.38
Bill Pmt -Check	07/09/2020	1068	CH2M Hill Engineers, Inc			206,131.53	4,580,460.85
Bill Pmt -Check	07/09/2020	1069	Fechter & Company CPA			1,275.60	4,579,185.25
Bill Pmt -Check	07/09/2020	1070	Forsythe Group LLC			30,251.85	4,548,933.40
Bill Pmt -Check	07/09/2020	1071	Fugro USA Land, Inc			13,209.93	4,535,723.47
Bill Pmt -Check	07/09/2020	1072	HDR Engineering Inc			202,638.30	4,333,085.17
Bill Pmt -Check	07/09/2020	1073	ICF Jones & Stokes Inc			78,982.06	4,254,103.11
Bill Pmt -Check	07/09/2020	1074	Larsen Wurzel & Associates, Inc			13,006.25	4,241,096.86
Bill Pmt -Check	07/09/2020	1075	MBK Engineers Inc			7,785.75	4,233,311.11
Bill Pmt -Check	07/09/2020	1076	Montague DeRose and Associat...			4,568.75	4,228,742.36
Bill Pmt -Check	07/09/2020	1077	Perkins Coie LLP			597.60	4,228,144.76
Bill Pmt -Check	07/09/2020	1078	Spesert Consulting			21,320.00	4,206,824.76
Bill Pmt -Check	07/09/2020	1079	Stradling Yocca Carlson & Rauth			3,450.00	4,203,374.76
Bill Pmt -Check	07/09/2020	1080	The Catalyst Group, Inc			11,100.88	4,192,273.88
Bill Pmt -Check	07/09/2020	1081	Trapasso Consulting Services			28,000.00	4,164,273.88
Bill Pmt -Check	07/09/2020	1082	Waterology Consulting			33,750.00	4,130,523.88
Bill Pmt -Check	07/31/2020	1095	Brown and Caldwell	VOID	0.00		4,130,523.88
Bill Pmt -Check	07/31/2020	1083	CH2M Hill Engineers, Inc	VOID	0.00		4,130,523.88
Bill Pmt -Check	07/31/2020	1084	Forsythe Group LLC	VOID	0.00		4,130,523.88
Bill Pmt -Check	07/31/2020	1085	Fugro USA Land, Inc	VOID	0.00		4,130,523.88
Bill Pmt -Check	07/31/2020	1086	HDR Engineering Inc	VOID	0.00		4,130,523.88
Bill Pmt -Check	07/31/2020	1087	ICF Jones & Stokes Inc	VOID	0.00		4,130,523.88
Bill Pmt -Check	07/31/2020	1088	MBK Engineers Inc	VOID	0.00		4,130,523.88
Bill Pmt -Check	07/31/2020	1089	Montague DeRose and Associat	VOID	0.00		4,130,523.88
Bill Pmt -Check	07/31/2020	1090	Perkins Coie LLP	VOID	0.00		4,130,523.88
Bill Pmt -Check	07/31/2020	1091	Spesert Consulting	VOID	0.00		4,130,523.88
Bill Pmt -Check	07/31/2020	1092	The Catalyst Group, Inc	VOID	0.00		4,130,523.88
Bill Pmt -Check	07/31/2020	1093	Trapasso Consulting Services	VOID	0.00		4,130,523.88
Bill Pmt -Check	07/31/2020	1094	Waterology Consulting	VOID	0.00		4,130,523.88
Total River City State Fund Checking					0.00	991,634.57	4,130,523.88
US Bank Checking							0.00
Total US Bank Checking							0.00
TOTAL					480,556.57	1,379,075.37	8,233,000.80

Sites Project Joint Powers Authority
Balance Sheet
As of July 31, 2020

	Jul 31, 20
ASSETS	
Current Assets	
Checking/Savings	
River City ICS Savings	2,470,633.54
River City Operating Account	1,631,843.38
River City State Fund Checking	4,130,523.88
Total Checking/Savings	8,233,000.80
Accounts Receivable	
Accounts Rec Members	
Membership - Authority	13,000.00
Membership - Reservoir	-4,988.20
Total Accounts Rec Members	8,011.80
Total Accounts Receivable	8,011.80
Other Current Assets	
Prepaid Expenses	250.00
Total Other Current Assets	250.00
Total Current Assets	8,241,262.60
TOTAL ASSETS	8,241,262.60
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
Accounts Payable	840,517.85
Total Accounts Payable	840,517.85
Total Current Liabilities	840,517.85
Long Term Liabilities	
Participant Reimbursement Polic	6,064,652.67
Total Long Term Liabilities	6,064,652.67
Total Liabilities	6,905,170.52
Equity	
Net Assets	1,929,216.58
Retained Earnings	3,969,373.85
Net Income	-4,562,498.35
Total Equity	1,336,092.08
TOTAL LIABILITIES & EQUITY	8,241,262.60

Sites Project Joint Powers Authority
A/R Aging Summary
As of July 31, 2020

	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL
City of American Canyon	0.00	0.00	0.00	0.00	-4,988.20	-4,988.20
Yolo County Flood Control	0.00	0.00	0.00	0.00	13,000.00	13,000.00
TOTAL	0.00	0.00	0.00	0.00	8,011.80	8,011.80

Sites Project Joint Powers Authority
A/P Aging Summary
As of July 31, 2020

	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL
ACWA JPIA	500.00	0.00	0.00	0.00	0.00	500.00
Adept Solutions Inc	722.20	229.98	0.00	0.00	0.00	952.18
Brown and Caldwell	97,073.56	0.00	0.00	0.00	0.00	97,073.56
CH2M Hill Engineers, Inc	0.00	276,392.20	0.00	0.00	0.00	276,392.20
Dunn Consulting	8,000.00	0.00	0.00	0.00	0.00	8,000.00
Forsythe Group LLC	30,000.00	0.00	0.00	0.00	0.00	30,000.00
Fugro USA Land, Inc	15,009.43	0.00	0.00	0.00	0.00	15,009.43
HDR Engineering Inc	176,044.81	0.00	0.00	0.00	0.00	176,044.81
ICF Jones & Stokes Inc	0.00	73,138.40	0.00	0.00	0.00	73,138.40
Katz and Associates, Inc	33,999.16	0.00	0.00	0.00	0.00	33,999.16
KCoe Isom, LLP	1,980.00	0.00	0.00	0.00	0.00	1,980.00
M.R. Cleaning Services	200.00	0.00	0.00	0.00	0.00	200.00
Maximun Pest Control	65.00	0.00	0.00	0.00	0.00	65.00
MBK Engineers Inc	4,801.75	0.00	0.00	0.00	0.00	4,801.75
Montague DeRose and Associates, LLC	787.50	2,275.00	0.00	0.00	0.00	3,062.50
Mt Shasta Spring Water	9.65	0.00	0.00	0.00	0.00	9.65
Perkins Coie LLP	971.10	0.00	0.00	0.00	0.00	971.10
Recology Butte Colusa Counties	36.68	0.00	0.00	0.00	0.00	36.68
Rush Personnel Services, Inc	5,159.70	0.00	0.00	0.00	0.00	5,159.70
Spesert Consulting	21,320.00	0.00	0.00	0.00	0.00	21,320.00
The Catalyst Group, Inc.	8,066.25	0.00	0.00	0.00	0.00	8,066.25
The Ferguson Group	0.00	15,000.00	0.00	0.00	0.00	15,000.00
Trapasso Consulting Services	28,350.00	0.00	0.00	0.00	0.00	28,350.00
US Bank	310.50	0.00	0.00	0.00	0.00	310.50
Waterology Consulting	33,750.00	0.00	0.00	0.00	0.00	33,750.00
Young Wooldridge LLP	6,324.98	0.00	0.00	0.00	0.00	6,324.98
TOTAL	473,482.27	367,035.58	0.00	0.00	0.00	840,517.85

Sites Project Joint Powers Authority

Profit & Loss

July 2020

	Jul 20	Jan - Jul 20
Ordinary Income/Expense		
Income		
Membership Admin/Authority	0.00	505,000.00
Membership Water	0.00	150,000.00
Prop 1 Funding	0.00	0.00
Refund & Reimbursements	900.00	900.00
Total Income	900.00	655,900.00
Gross Profit	900.00	655,900.00
Expense		
Accounting Expense	1,980.00	17,941.00
Admin Support Gen Manager	5,159.70	35,787.15
Audit Fees	0.00	12,036.00
Bank Service Fees	159.82	1,166.78
General Manager	0.00	186,514.66
Insurance - Property	250.00	500.00
Insurance Liability	0.00	1,604.25
Office Expenses		
Cleaning	200.00	1,100.00
Misc Office & Operating Exp	310.50	3,063.92
Pest Control & Maintenance	65.00	455.00
Trash Service	36.68	252.38
Water Expense	9.65	310.75
Total Office Expenses	621.83	5,182.05
Professional Fees		
Bond Counsel	0.00	7,420.00
Bus/Comm Manager	21,320.00	151,361.85
Communication	33,999.16	172,059.44
Cost Development Model	0.00	15,548.85
Cultural Study	0.00	3,885.55
Engineering & Technical Service	156,019.99	585,093.14
Env/Biological Services	27,489.60	213,951.00
EPP Manager	30,000.00	212,310.94
Executive Director	33,750.00	135,000.00
Federal Government Affairs Supp	15,000.00	105,000.00
General Legal Counsel	6,324.98	55,602.60
Geotechnical Engineering	15,009.43	77,067.88
Legislative/Reg/Strategic	8,000.00	56,000.00
Municipal Advisor	3,062.50	27,631.25
Operations/Simulation Modeling	120,372.21	600,214.49
Organizational Assessment	0.00	29,929.66
Permitting & Agreements	45,648.80	229,271.15
Personel Recruiter	0.00	24,895.04
Program Ops Manager	28,350.00	198,860.24
Project Controls	97,073.56	772,228.67
Project Integration	176,044.81	1,222,673.78
Real Estate	0.00	761.67
Reservoir Operations	4,801.75	32,790.25
Special Legal	971.10	32,942.70
Strategic Planning	8,066.25	19,167.13
Total Professional Fees	831,304.14	4,981,667.28
Website, Data, Computer Support	952.18	8,648.04
Total Expense	840,427.67	5,251,047.21
Net Ordinary Income	-839,527.67	-4,595,147.21
Other Income/Expense		
Other Income		
Interest Income		
Interest Income-River City	2,732.96	32,648.86

FOR MANAGEMENT PURPOSES ONLY

Sites Project Joint Powers Authority
Profit & Loss
July 2020

	Jul 20	Jan - Jul 20
Total Interest Income	2,732.96	32,648.86
Total Other Income	2,732.96	32,648.86
Net Other Income	2,732.96	32,648.86
Net Income	<u>-836,794.71</u>	<u>-4,562,498.35</u>

**Sites Project Joint Powers Authority
Transaction Detail By Account**

July 2020

Type	Date	Num	Name	Memo	Class	Debit	Credit	Balance
Refund & Reimbursements								
Deposit	07/31/2020			cancellation meeting room ref	Reservoir		900.00	900.00
Total Refund & Reimbursements						0.00	900.00	900.00
Accounting Expense								
Bill	07/31/2020	KC092916	KCoe Isom, LLP	7/20	Authority	396.00		-396.00
Bill	07/31/2020	KC092916	KCoe Isom, LLP	7/20	Reservoir	1,584.00		-1,980.00
Total Accounting Expense						1,980.00	0.00	-1,980.00
Admin Support Gen Manager								
Bill	07/14/2020	IVC0000001...	Rush Personnel Services, ...	7/20	Authority	194.04		-194.04
Bill	07/14/2020	IVC0000001...	Rush Personnel Services, ...	7/20	Reservoir	776.16		-970.20
Bill	07/14/2020	IVC0000001...	Rush Personnel Services, ...	7/20	Authority	282.24		-1,252.44
Bill	07/14/2020	IVC0000001...	Rush Personnel Services, ...	7/20	Reservoir	1,128.96		-2,381.40
Bill	07/28/2020	IVC0000001...	Rush Personnel Services, ...	7/20	Authority	282.24		-2,663.64
Bill	07/28/2020	IVC0000001...	Rush Personnel Services, ...	7/20	Reservoir	1,128.96		-3,792.60
Bill	07/28/2020	IVC0000001...	Rush Personnel Services, ...	7/20	Authority	273.42		-4,066.02
Bill	07/28/2020	IVC0000001...	Rush Personnel Services, ...	7/20	Reservoir	1,093.68		-5,159.70
Total Admin Support Gen Manager						5,159.70	0.00	-5,159.70
Bank Service Fees								
General J...	07/28/2020	7-2C		Bank service fee	Authority	67.12		-67.12
General J...	07/28/2020	7-2C		Bank service fee	Reservoir	92.70		-159.82
Total Bank Service Fees						159.82	0.00	-159.82
Insurance - Property								
Bill	07/09/2020	0007212	ACWA JPIA	July - Dec 2020	Authority	250.00		-250.00
Total Insurance - Property						250.00	0.00	-250.00
Office Expenses								
Cleaning								
Bill	07/12/2020	43	M R Cleaning Services	6/20	Authority	200.00		-200.00
Total Cleaning						200.00	0.00	-200.00
Misc Office & Operating Exp								
Bill	07/31/2020	Online 8/3	US Bank	7/20	Authority	310.50		-310.50
Total Misc Office & Operating Exp						310.50	0.00	-310.50
Pest Control & Maintenance								
Bill	07/24/2020	51380	Maximun Pest Control	7/20	Authority	65.00		-65.00
Total Pest Control & Maintenance						65.00	0.00	-65.00
Trash Service								
Bill	07/31/2020	37548054	Recology Butte Colusa Co	7/20	Authority	36.68		-36.68
Total Trash Service						36.68	0.00	-36.68
Water Expense								
Bill	07/20/2020	413110	Mt Shasta Spring Water	7/20	Authority	9.65		-9.65
Total Water Expense						9.65	0.00	-9.65
Total Office Expenses						621.83	0.00	-621.83
Professional Fees								
Bus/Comm Manager								
Bill	07/31/2020	08-20	Spesert Consulting	7/20	Reservoir	21,320.00		-21,320.00
Total Bus/Comm Manager						21,320.00	0.00	-21,320.00
Communication								
Bill	07/31/2020	413864	Katz and Associates, Inc	(C) 7/20	Authority	20,399.50		-20,399.50
Bill	07/31/2020	413864	Katz and Associates, Inc	(C) 7/20	Reservoir	13,599.66		-33,999.16
Total Communication						33,999.16	0.00	-33,999.16
Engineering & Technical Service								
Bill	07/09/2020	D3380600-002	CH2M Hill Engineers, Inc	(Conveyance) (HC) 6/20	Reservoir	156,019.99		-156,019.99
Total Engineering & Technical Service						156,019.99	0.00	-156,019.99
Env/Biological Services								
Bill	07/15/2020	0148257	ICF Jones & Stokes Inc	(Environ)(E) 6/20	Reservoir	27,489.60		-27,489.60
Total Env/Biological Services						27,489.60	0.00	-27,489.60
EPP Manager								
Bill	07/31/2020	SPA-202007	Forsythe Group LLC	7/20	Reservoir	30,000.00		-30,000.00
Total EPP Manager						30,000.00	0.00	-30,000.00
Executive Director								
Bill	07/31/2020	4	Waterology Consulting	7/20	Reservoir	33,750.00		-33,750.00
Total Executive Director						33,750.00	0.00	-33,750.00
Federal Government Affairs Supp								
Bill	07/01/2020	0720149	The Ferguson Group	7/20	Authority	7,500.00		-7,500.00

**Sites Project Joint Powers Authority
Transaction Detail By Account
July 2020**

Type	Date	Num	Name	Memo	Class	Debit	Credit	Balance
Bill	07/01/2020	0720149	The Ferguson Group	7/20	Reservoir	7,500.00		-15,000.00
Total Federal Government Affairs Supp						15,000.00	0.00	-15,000.00
General Legal Counsel								
Bill	07/31/2020	67693	Young Wooldridge LLP	7/20	Authority	3,389.73		-3,389.73
Bill	07/31/2020	67693	Young Wooldridge LLP	7/20	Reservoir	2,935.25		-6,324.98
Total General Legal Counsel						6,324.98	0.00	-6,324.98
Geotechnical Engineering								
Bill	07/29/2020	04.7219003...	Fugro USA Land, Inc	(I) 7/20	Reservoir	15,009.43		-15,009.43
Total Geotechnical Engineering						15,009.43	0.00	-15,009.43
Legislative/Reg/Strategic								
Bill	07/31/2020	Letter	Dunn Consulting	7/20	Authority	4,000.00		-4,000.00
Bill	07/31/2020	Letter	Dunn Consulting	7/20	Reservoir	4,000.00		-8,000.00
Total Legislative/Reg/Strategic						8,000.00	0.00	-8,000.00
Municipal Advisor								
Bill	07/08/2020	4906SITES	Montague DeRose and As	5/20	Reservoir	2,275.00		-2,275.00
Bill	07/28/2020	4923SITES	Montague DeRose and As	6/20	Reservoir	787.50		-3,062.50
Total Municipal Advisor						3,062.50	0.00	-3,062.50
Operations/Simulation Modeling								
Bill	07/09/2020	D3205400-015	CH2M Hill Engineers, Inc	(Operations) (D) 6/20	Reservoir	120,372.21		-120,372.21
Total Operations/Simulation Modeling						120,372.21	0.00	-120,372.21
Permitting & Agreements								
Bill	07/15/2020	0148271	ICF Jones & Stokes Inc	(Permitting)(F)	Reservoir	45,648.80		-45,648.80
Total Permitting & Agreements						45,648.80	0.00	-45,648.80
Program Ops Manager								
Bill	07/31/2020	SPA 17-34	Trapasso Consulting Servi	7/20	Reservoir	28,350.00		-28,350.00
Total Program Ops Manager						28,350.00	0.00	-28,350.00
Project Controls								
Bill	07/31/2020	17379122	Brown and Caldwell	(B) 7/20	Reservoir	97,073.56		-97,073.56
Total Project Controls						97,073.56	0.00	-97,073.56
Project Integration								
Bill	07/31/2020	1200283593	HDR Engineering Inc	(A) 7/20	Reservoir	176,044.81		-176,044.81
Total Project Integration						176,044.81	0.00	-176,044.81
Reservoir Operations								
Bill	07/22/2020	20-06-4941.0	MBK Engineers Inc	6/20	Reservoir	4,801.75		-4,801.75
Total Reservoir Operations						4,801.75	0.00	-4,801.75
Special Legal								
Bill	07/22/2020	6224205	Perkins Coie LLP	6/20	Reservoir	971.10		-971.10
Total Special Legal						971.10	0.00	-971.10
Strategic Planning								
Bill	07/31/2020	493	The Catalyst Group, Inc.	7/20	Reservoir	8,066.25		-8,066.25
Total Strategic Planning						8,066.25	0.00	-8,066.25
Total Professional Fees						831,304.14	0.00	-831,304.14
Website, Data, Computer Support								
Bill	07/16/2020	139987	Adept Solutions Inc	6/20	Authority	46.00		-46.00
Bill	07/16/2020	139987	Adept Solutions Inc	6/20	Reservoir	183.98		-229.98
Bill	07/31/2020	MSP-139838	Adept Solutions Inc	8/20	Authority	144.44		-374.42
Bill	07/31/2020	MSP-139838	Adept Solutions Inc	8/20	Reservoir	577.76		-952.18
Total Website, Data, Computer Support						952.18	0.00	-952.18
Interest Income								
Interest Income-River City								
General J...	07/31/2020	7-3C		rec int fme	Reservoir		1,775.24	1,775.24
General J...	07/31/2020	7-4C		rec int fme	Authority		402.24	2,177.48
General J...	07/31/2020	7-4C		rec int fme	Reservoir		555.48	2,732.96
Total Interest Income-River City						0.00	2,732.96	2,732.96
Total Interest Income						0.00	2,732.96	2,732.96
TOTAL						840,427.67	3,632.96	-836,794.71

Sites Project Joint Powers Authority
Balance Sheet by Class
As of July 31, 2020

	Authority	Reservoir	TOTAL
ASSETS			
Current Assets			
Checking/Savings			
River City ICS Savings	0.00	2,470,633.54	2,470,633.54
River City Operating Account	693,010.57	938,832.81	1,631,843.38
River City State Fund Checking	0.00	4,130,523.88	4,130,523.88
Total Checking/Savings	693,010.57	7,539,990.23	8,233,000.80
Accounts Receivable			
Accounts Rec Members			
Membership - Authority	13,000.00	0.00	13,000.00
Membership - Reservoir	0.00	-4,988.20	-4,988.20
Total Accounts Rec Members	13,000.00	-4,988.20	8,011.80
Total Accounts Receivable	13,000.00	-4,988.20	8,011.80
Other Current Assets			
Prepaid Expenses	250.00	0.00	250.00
Total Other Current Assets	250.00	0.00	250.00
Total Current Assets	706,260.57	7,535,002.03	8,241,262.60
TOTAL ASSETS	706,260.57	7,535,002.03	8,241,262.60
LIABILITIES & EQUITY			
Liabilities			
Current Liabilities			
Accounts Payable			
Accounts Payable	38,029.44	802,488.41	840,517.85
Total Accounts Payable	38,029.44	802,488.41	840,517.85
Total Current Liabilities	38,029.44	802,488.41	840,517.85
Long Term Liabilities			
Participant Reimbursement Polic	0.00	6,064,652.67	6,064,652.67
Total Long Term Liabilities	0.00	6,064,652.67	6,064,652.67
Total Liabilities	38,029.44	6,867,141.08	6,905,170.52
Equity			
Net Assets	114,674.93	1,814,541.65	1,929,216.58
Retained Earnings	351,952.54	3,617,421.31	3,969,373.85
Net Income	201,603.66	-4,764,102.01	-4,562,498.35
Total Equity	668,231.13	667,860.95	1,336,092.08
TOTAL LIABILITIES & EQUITY	706,260.57	7,535,002.03	8,241,262.60

Sites Project Joint Powers Authority
Profit & Loss by Class
July 2020

	Authority	Reservoir	TOTAL
Ordinary Income/Expense			
Income			
Refund & Reimbursements	0.00	900.00	900.00
Total Income	0.00	900.00	900.00
Gross Profit	0.00	900.00	900.00
Expense			
Accounting Expense	396.00	1,584.00	1,980.00
Admin Support Gen Manager	1,031.94	4,127.76	5,159.70
Bank Service Fees	67.12	92.70	159.82
Insurance - Property	250.00	0.00	250.00
Office Expenses			
Cleaning	200.00	0.00	200.00
Misc Office & Operating Exp	310.50	0.00	310.50
Pest Control & Maintenance	65.00	0.00	65.00
Trash Service	36.68	0.00	36.68
Water Expense	9.65	0.00	9.65
Total Office Expenses	621.83	0.00	621.83
Professional Fees			
Bus/Comm Manager	0.00	21,320.00	21,320.00
Communication	20,399.50	13,599.66	33,999.16
Engineering & Technical Service	0.00	156,019.99	156,019.99
Env/Biological Services	0.00	27,489.60	27,489.60
EPP Manager	0.00	30,000.00	30,000.00
Executive Director	0.00	33,750.00	33,750.00
Federal Government Affairs Supp	7,500.00	7,500.00	15,000.00
General Legal Counsel	3,389.73	2,935.25	6,324.98
Geotechnical Engineering	0.00	15,009.43	15,009.43
Legislative/Reg/Strategic	4,000.00	4,000.00	8,000.00
Municipal Advisor	0.00	3,062.50	3,062.50
Operations/Simulation Modeling	0.00	120,372.21	120,372.21
Permitting & Agreements	0.00	45,648.80	45,648.80
Program Ops Manager	0.00	28,350.00	28,350.00
Project Controls	0.00	97,073.56	97,073.56
Project Integration	0.00	176,044.81	176,044.81
Reservoir Operations	0.00	4,801.75	4,801.75
Special Legal	0.00	971.10	971.10
Strategic Planning	0.00	8,066.25	8,066.25
Total Professional Fees	35,289.23	796,014.91	831,304.14
Website, Data, Computer Support	190.44	761.74	952.18
Total Expense	37,846.56	802,581.11	840,427.67
Net Ordinary Income	-37,846.56	-801,681.11	-839,527.67
Other Income/Expense			
Other Income			
Interest Income			
Interest Income-River City	402.24	2,330.72	2,732.96
Total Interest Income	402.24	2,330.72	2,732.96
Total Other Income	402.24	2,330.72	2,732.96
Net Other Income	402.24	2,330.72	2,732.96
Net Income	-37,444.32	-799,350.39	-836,794.71

Sites Project Joint Powers Authority
Profit & Loss by Class - YTD
January through July 2020

	Authority	Reservoir	TOTAL
Ordinary Income/Expense			
Income			
Membership Admin/Authority	505,000.00	0.00	505,000.00
Membership Water	0.00	150,000.00	150,000.00
Prop 1 Funding	0.00	0.00	0.00
Refund & Reimbursements	0.00	900.00	900.00
Total Income	505,000.00	150,900.00	655,900.00
Gross Profit	505,000.00	150,900.00	655,900.00
Expense			
Accounting Expense	3,588.20	14,352.80	17,941.00
Admin Support Gen Manager	7,157.43	28,629.72	35,787.15
Audit Fees	0.00	12,036.00	12,036.00
Bank Service Fees	508.71	658.07	1,166.78
General Manager	26,752.05	159,762.61	186,514.66
Insurance - Property	450.00	50.00	500.00
Insurance Liability	0.00	1,604.25	1,604.25
Office Expenses			
Cleaning	1,100.00	0.00	1,100.00
Misc Office & Operating Exp	1,538.11	1,525.81	3,063.92
Pest Control & Maintenance	455.00	0.00	455.00
Trash Service	252.38	0.00	252.38
Water Expense	310.75	0.00	310.75
Total Office Expenses	3,656.24	1,525.81	5,182.05
Professional Fees			
Bond Counsel	0.00	7,420.00	7,420.00
Bus/Comm Manager	0.00	151,361.85	151,361.85
Communication	100,605.69	71,453.75	172,059.44
Cost Development Model	0.00	15,548.85	15,548.85
Cultural Study	0.00	3,885.55	3,885.55
Engineering & Technical Service	0.00	585,093.14	585,093.14
Env/Biological Services	0.00	213,951.00	213,951.00
EPP Manager	0.00	212,310.94	212,310.94
Executive Director	0.00	135,000.00	135,000.00
Federal Government Affairs Supp	52,500.00	52,500.00	105,000.00
General Legal Counsel	28,522.98	27,079.62	55,602.60
Geotechnical Engineering	0.00	77,067.88	77,067.88
Legislative/Reg/Strategic	28,000.00	28,000.00	56,000.00
Municipal Advisor	0.00	27,631.25	27,631.25
Operations/Simulation Modeling	0.00	600,214.49	600,214.49
Organizational Assessment	29,929.66	0.00	29,929.66
Permitting & Agreements	0.00	229,271.15	229,271.15
Personel Recruiter	24,895.04	0.00	24,895.04
Program Ops Manager	0.00	198,860.24	198,860.24
Project Controls	0.00	772,228.67	772,228.67
Project Integration	0.00	1,222,673.78	1,222,673.78
Real Estate	0.00	761.67	761.67
Reservoir Operations	0.00	32,790.25	32,790.25
Special Legal	0.00	32,942.70	32,942.70
Strategic Planning	0.00	19,167.13	19,167.13
Total Professional Fees	264,453.37	4,717,213.91	4,981,667.28
Website, Data, Computer Support	1,729.61	6,918.43	8,648.04
Total Expense	308,295.61	4,942,751.60	5,251,047.21
Net Ordinary Income	196,704.39	-4,791,851.60	-4,595,147.21
Other Income/Expense			
Other Income			
Interest Income			
Interest Income-River City	4,899.27	27,749.59	32,648.86

FOR MANAGEMENT PURPOSES ONLY

Sites Project Joint Powers Authority
Profit & Loss by Class - YTD
January through July 2020

	Authority	Reservoir	TOTAL
Total Interest Income	4,899.27	27,749.59	32,648.86
Total Other Income	4,899.27	27,749.59	32,648.86
Net Other Income	4,899.27	27,749.59	32,648.86
Net Income	<u>201,603.66</u>	<u>-4,764,102.01</u>	<u>-4,562,498.35</u>



Topic: **Reservoir Committee Agenda Item 1.3**

2020 August 21

Subject: **Payment of Claims**

Requested Action:

Approve the Payment of Claims as presented in Attachment 1.3A with supporting details provided in Attachment 1.3B.

Detailed Description/Background:

Attachment A presents the warrants to be drawn against the invoices received by the Sites Project Authority through August 3, 2020.

Attachment B summarizes details of the invoices received through August 3, 2020 and how the incurred costs are allocated between the Authority and Reservoir Committee.

Attachment C presents a budget status report of key consultants' task orders and tasks through the period of performance of the invoices presented in Attachment B.

Prior Action:

None.

Fiscal Impact/Funding Source:

Total Payment of Claims is \$840,517.85 with \$38,029.44 of costs being assigned to the Authority and \$802,488.41 assigned to the Reservoir Committee.

For the Reservoir Committee assigned amount, \$767,980.00 will be paid through the WSIP account and \$34,508.41 through the JPA/Sites account as shown in Attachment B.

Staff Contact:

Joe Trapasso

Attachments:

Attachment A: August 2020 Report on warrants to be drawn for Payment of Claims.

Attachment B: August 2020 Monthly Consultant and Vendor Invoice table.

Attachment C: August 2020 Key Consultant Budget Status Report.

**WARRANTS DRAWN AGAINST
Sites Project Authority- General Fund
August 26, 2020**

2020 August 21 Reservoir Committee,
Agenda Item 1.3 Attachment A

Warrant Number	Check Date	Vendor	Invoice Description	Amount Paid
2181-2193	07/31/2020	Void	Checks voided due to incorrect date	0
2194	08/11/2020	ACWA/Joint Powers Insurance	Auto & General Liability Program	500.00
2195	08/11/2020	Adept Solutions	IT & Related Services	952.18
2196	08/11/2020	Dunn Consulting	Legislative/Regulatory/Strategic Support	8,000.00
2197	08/11/2020	Katz and Associates Inc.	Communications	33,999.16
2198	08/11/2020	K·Coe-Isom, LLP	Accounting	1,980.00
2199	08/11/2020	M.R. Cleaning Services	Office Cleaning	200.00
2200	08/11/2020	Maximum Pest Control	Pest Control	65.00
2201	08/11/2020	Mt Shasta Spring Water	Office Water	9.65
2202	08/11/2020	Recology Butte Colusa Counties	Office Trash Pickup	36.68
2203	08/11/2020	Rush Personnel Services Inc.	Administrative Services	5,159.70
2204	08/11/2020	The Ferguson Group	Fed Govt Affairs Support	15,000.00
2205	08/11/2020	U.S. Bank	Misc. Expenses	310.50
2206	08/11/2020	Young Wooldridge LLP	Legal Counsel	6,324.98

THE FOREGOING CLAIM, NUMBERED 2181-2206 ARE APPLIED TO THE GENERAL FUND OF SITES PROJECT AUTHORITY AND ARE WARRANTS AUTHORIZED THERETO.

Total Amount 72,537.85

County of Colusa

Westside Water District

Colusa County Water District

Placer County Water Agency/City of Roseville

County of Glenn

Sacramento County Water Agency/City of Sacramento

Glenn-Colusa Irrigation District

Reclamation District No. 108

Tehama Colusa Canal Authority

**WARRANTS DRAWN AGAINST
Sites Project Authority-WSIP Fund
August 26, 2020**

2020 August 21 Reservoir Committee,
Agenda Item 1.3 Attachment A

Warrant Number	Check Date	Vendor	Invoice Description	Amount Paid
1083-1095	07/31/2020	Void	Checks voided due to incorrect date	0
1096	08/11/2020	Brown and Caldwell	Project Controls	97,073.56
1097	08/11/2020	CH2M	Operations/SIM Modeling	276,392.20
1098	08/11/2020	Forsythe Group LLC	EPP Manager	30,000.00
1099	08/11/2020	Fugro USA Land, Inc.	Geotechnical Engineering Services	15,009.43
1100	08/11/2020	HDR Engineering Inc.	Project Integration	176,044.81
1101	08/11/2020	ICF Jones & Stokes Inc.	Env/Biological Services & Permitting	73,138.40
1102	08/11/2020	MBK Engineers Inc.	Reservoir Operations	4,801.75
1103	08/11/2020	Montague DeRose and Associates, LLC	Municipal Advisor	3,062.50
1104	08/11/2020	Perkins Coie, LLP	Special Legal	971.10
1105	08/11/2020	Spesert Consulting	Bus/Comm Manager	21,320.00
1106	08/11/2020	The Catalyst Group	Strategic Planning Services	8,066.25
1107	08/11/2020	Trapasso Consulting Services	Program Operations Manager	28,350.00
1108	08/11/2020	Waterology Consulting	Executive Director Services	33,750.00

THE FOREGOING CLAIM, NUMBERED 1083-1108 ARE APPLIED TO THE
WSIP FUND OF SITES PROJECT AUTHORITY AND ARE WARRANTS AUTHORIZED THERETO.

Total Amount 767,980.00

County of Colusa

Westside Water District

Colusa County Water District

Placer County Water Agency/City of Roseville

County of Glenn

Sacramento County Water Agency/City of Sacramento

Glenn-Colusa Irrigation District

Reclamation District No. 108

Tehama Colusa Canal Authority



August 12, 2020

Topic: **Program Operations - Finance****Subject: Consultant/Vendor Invoices Received for August 2020 Board Authority and Reservoir Committee**

Purpose: Summarize the review of invoices for preparation of monthly Accountant and Treasurer's reports.
The following consultant and vendor invoices were received and reviewed for inclusion in Payment of Claims for the Authority Board and Reservoir Committee consideration at their August monthly meetings.

Consultant/Vendor	Invoice #		Total	\$ Authority Board	\$ Reservoir Committee	Review by
	Date	Period				
Board Approval Items						
Adept Solutions	MSP-139838		\$722.20	\$144.44	\$577.76	KMS
<i>IT Related Services/Computer Equipment</i>	8/1/20	08/20				
Adept Solutions	139987		\$229.98	\$46.00	\$183.98	KMS
<i>IT Related Services/Computer Equipment</i>	7/16/20	6/20				
AECOM (Reservoir) (HR)	No Invoice					HL
<i>Engineering Services</i>						
Assoc. of California Water Agencies (JPIA)	0007212		\$500.00	\$500.00		JAT
<i>Auto & General Liability Program</i>	7/9/20	7/20				
Brown and Caldwell (B)	17379122		\$97,073.56		\$97,073.56	JAT
<i>Project Controls</i>	8/3/20	7/20				
CH2M Hill Engineers (Conveyance) (HC)	D3380600-002		\$156,019.99		\$156,019.99	HL
<i>Engineering Services</i>	7/9/20	6/20				
CH2M Hill Engineers (Operations) (D)	D3205400-015		\$120,372.21		\$120,372.21	AEF
<i>Operations / Simulation Modeling</i>	7/9/20	6/20				
Colusa Indian Community Council	No Invoice					SPE
<i>Tribal Council</i>						
Darling H2O Consulting, Inc.	No Invoice					FD
<i>Organizational Assessment</i>						
Dunn Consulting	Letter		\$8,000.00	\$4,000.00	\$4,000.00	KMS
<i>Legislative/Regulatory/Strategic Support</i>	8/2/20	7/20				
Forsythe Group, LLC	SPA-202007		\$30,000.00		\$30,000.00	JB
<i>EPP Manager</i>	8/5/20	7/20				
Fugro (I)	04.72190035-16		\$15,009.43		\$15,009.43	HL
<i>Geotechnical Engineering Services</i>	7/29/20	7/20				
Gerald (Jerry) Johns	No Invoice					AEF
<i>Project Operations</i>						
HDR (A)	1200283593		\$176,044.81		\$176,044.81	JAT
<i>Project Integration</i>	8/3/20	7/20				
ICF Jones & Stokes, Inc. (Environ.) (E)	0148257		\$27,489.60		\$27,489.60	AEF
<i>Env/Biological Services</i>	7/15/20	6/20				

Topic: **Program Operations - Finance**
Subject: Consultant/Vendor Invoices Received for August 2020 Board Authority and Reservoir Committee

Purpose: Summarize the review of invoices for preparation of monthly Accountant and Treasurer's reports. The following consultant and vendor invoices were received and reviewed for inclusion in Payment of Claims for the Authority Board and Reservoir Committee consideration at their August monthly meetings.

Consultant/Vendor	Invoice #		Total	\$ Authority Board	\$ Reservoir Committee	Review by
	Date	Period				
ICF Jones & Stokes, Inc. (Permitting) (F) <i>Permitting and Agreements</i>	0148271 7/15/20	6/20	\$45,648.80		\$45,648.80	AEF
Katz & Associates (C) <i>Communications</i>	413864 8/4/20	7/20	\$33,999.16	\$20,399.50	\$13,599.66	KMS
K-Coe Isom, LLP <i>Accounting</i>	KC092916 7/31/20	7/20	\$1,980.00	\$396.00	\$1,584.00	JAT
Larsen Wurzel & Associates, Inc. <i>Cost Development</i>	No Invoice					JAT
M.R. Cleaning Service <i>Office Cleaning</i>	43 7/12/20	6/20	\$200.00	\$200.00		KMS
Maximum Pest Control <i>Pest Spraying</i>	51380 7/24/20	7/20	\$65.00	\$65.00		KMS
MBK Engineers <i>Reservoir Operations</i>	20-06-4941.0 7/22/20	6/20	\$4,801.75		\$4,801.75	AEF
Montague DeRose & Associates, LLC <i>Municipal Advisor</i>	4906SITES 7/8/20	5/20	\$2,275.00		\$2,275.00	JAT
Montague DeRose & Associates, LLC <i>Municipal Advisor</i>	4923SITES 7/28/20	6/20	\$787.50		\$787.50	JAT
MT Shasta Water <i>Office Water</i>	413110 7/20/20	7/20	\$9.65	\$9.65		KMS
Perkins Coie, LLP <i>Special Legal</i>	6224205 7/22/20	6/20	\$971.10		\$971.10	AEF
Recology Butte Colusa Counties <i>Office Trash Pickup</i>	37548054 7/31/20	7/20	\$36.68	\$36.68		KMS
Rush Personnel <i>Yolanda Tirado Services</i>	IVC000000138196 7/14/20	7/20	\$970.20	\$194.04	\$776.16	KMS
Rush Personnel <i>Yolanda Tirado Services</i>	IVC000000138197 7/14/20	7/20	\$1,411.20	\$282.24	\$1,128.96	KMS
Rush Personnel <i>Yolanda Tirado Services</i>	IVC000000138470 7/28/20	7/20	\$1,411.20	\$282.24	\$1,128.96	KMS



Topic: Program Operations - Finance

Subject: Consultant/Vendor Invoices Received for August 2020 Board Authority and Reservoir Committee

Purpose: Summarize the review of invoices for preparation of monthly Accountant and Treasurer's reports. The following consultant and vendor invoices were received and reviewed for inclusion in Payment of Claims for the Authority Board and Reservoir Committee consideration at their August monthly meetings.

Consultant/Vendor	Invoice #		Total	\$ Authority Board	\$ Reservoir Committee	Review by
	Date	Period				
Rush Personnel <i>Yolanda Tirado Services</i>	IVC000000138471 7/28/20	7/20	\$1,367.10	\$273.42	\$1,093.68	KMS
Spesert Consulting <i>Bus/Communications Manager</i>	08-20 8/4/20	7/20	\$21,320.00		\$21,320.00	JB
Stradling, Yocca, Carlson & Rauth <i>Bond Counsel</i>	No Invoice					JAT
The Catalyst Group <i>Strategic Planning Services</i>	493 8/5/20	7/20	\$8,066.25		\$8,066.25	JB
The Ferguson Group <i>Federal Government Affairs Support</i>	0720149 7/1/20	7/20	\$15,000.00	\$7,500.00	\$7,500.00	KMS
Trapasso Consulting Services <i>Program Operations Manager</i>	SPA 17-34 8/3/20	7/20	\$28,350.00		\$28,350.00	JB
U.S. Bank - Credit Card <i>Misc. Expenses</i>	Online 8/3 8/3/20	7/20	\$310.50	\$310.50		KMS
Waterology Consulting <i>Executive Director Services</i>	4 8/1/20	7/20	\$33,750.00		\$33,750.00	JT/ FD /JS
Wiseman Consulting Group <i>ROW/Land Management</i>	No Invoice					KMS
Young Wooldridge, Law Offices, LLP <i>Legal Counsel</i>	67693 7/31/20	7/20	\$6,324.98	\$3,389.73	\$2,935.25	JAT

Cash Accounts		840,517.85	38,029.44	802,488.41
JPA/Sites	August 2020	72,537.85	38,029.44	34,508.41
WSIP	Month Totals	767,980.00		767,980.00
WSIP To Date	Cumulative	4,718,190.53	(4) Fund Checks Received	
Balance	Summary	3,362,543.88	8,080,734.41	

Notes: *



AUGUST KEY CONSULTANT BUDGET REPORT
FOR AUTHORITY BOARD AND RESERVOIR COMMITTEE,
FINANCE AND ECONOMICS AD HOC COMMITTEE

Area / Consultant	Task ID	Task Name	\$ Contract Ceiling	\$Task Budget Authorized (2020)	\$ Spent to date (2020)	\$ Budget Remaining (2020)	Spent %	Task % Complete	8 Month Plan (2020)
a) HDR		Costs and Task % as of 07/20 Services	1,499,864	1,499,864	1,222,674	277,190	82%		
	A01	Communications Int.		-	-	-	-	100%	
	A02	Ops Modeling Int.		171,007	62,943	108,064	37%	88%	
	A03	Env. Planning Int.		213,357	183,736	29,621	86%	88%	
	A04	Permitting Int.		288,884	255,552	33,332	88%	88%	
	A05	Real Estate Int.		139,718	95,888	43,830	69%	88%	
	A06	Engineering Int.		278,476	220,078	58,398	79%	88%	
	A07	Geotech Int.		-	-	-	-	100%	
	A08	Controls Int.		224,387	196,009	28,378	87%	88%	
	A09	General Int.		68,267	124,143	(55,876)	182%	88%	
	A10	Authority's Engineer		-	-	-	-	100%	
	A11	Health, Safety & Loss Prevention		-	-	-	-	100%	
	A12	Quality Management		-	-	-	-	100%	
	A13	Risk Management		34,890	22,006	12,884	63%	90%	
	A14	IT		15,831	16,380	(549)	103%	88%	
	A15	GIS		-	765	(765)	-	100%	
	A16	Document Management		3,734	4,378	(644)	117%	88%	
	A17	Staff Support		4,004	2,455	1,549	61%	88%	
	A18	Satellite Project Office		-	-	-	-	100%	
	A19	Land Conservation Approach		-	-	-	-	100%	
	A98	HDR Project Management		40,309	29,247	11,062	73%	88%	
	A99	Expenses		17,000	9,094	7,906	53%	88%	
b) BC		Costs and Task % as of 07/20 Services	931,037	931,037	772,229	158,808	83%		
	B01	Project Controls		132,496	87,356	45,140	66%	90%	
	B02	Contract Administration and Compliance		459,906	401,423	58,483	87%	90%	
	B03	Work Planning and Scheduling		126,329	109,130	17,199	86%	90%	
	B04	Project Administrative Support		154,134	122,548	31,586	80%	90%	
	B05	PMP Sections		-	-	-	-	-	
	B98	Project Management		54,384	49,262	5,122	91%	95%	
	B99	Expenses		3,788	2,510	1,278	66%	100%	



AUGUST KEY CONSULTANT BUDGET REPORT
 FOR AUTHORITY BOARD AND RESERVOIR COMMITTEE,
 FINANCE AND ECONOMICS AD HOC COMMITTEE

8/7/2020

Area / Consultant	Task ID	Task Name	\$ Contract Ceiling	\$Task Budget Authorized (2020)	\$ Spent to date (2020)	\$ Budget Remaining (2020)	Spent %	Task % Complete	8 Month Plan (2020)
c) K&A		Costs and Task % as of 07/20 Services	199,930	199,930	172,059	27,871	86%		
	C01	Local/Landowner Outreach		14,083	10,734	3,349	76%	75%	
	C02	Statewide Outreach		22,000	20,059	1,941	91%	85%	
	C03	NGO Outreach		12,166	8,034	4,132	66%	30%	
	C04	Strategic Communications		19,666	16,631	3,035	85%	80%	
	C05	Message Development/Training		11,831	8,826	3,005	75%	85%	
	C06	Informational Materials Distribution		38,500	37,066	1,434	96%	85%	
	C07	Website Modifications and Management		18,600	8,075	10,525	43%	85%	
	C08	Video & Photography		-	73	(73)	-	-	
	C09	Authority/Reservoir Committee Public Affairs Support		14,500	17,843	(3,343)	123%	85%	
	C10	Media Relations		13,084	11,258	1,827	86%	85%	
	C11	Social Media		5,000	1,826	3,174	37%	85%	
	C98	Project Management		30,500	29,178	1,323	96%	85%	
	C99	Expenses		-	2,457	(2,457)	-	-	
d) CH2-d		Costs and Task % as of 06/20 Services	993,000	993,000	600,215	392,785	60%		
	D01	Permitting and Resource Agency Technical Support		100,000	74,758	25,242	75%	90%	
	D02	Environmental Document Support		356,853	205,339	151,514	58%	60%	
	D03	Total Operations Technical Support		300,000	165,203	134,797	55%	90%	
	D04	Value Planning		76,000	84,218	(8,218)	111%	30%	
	D98	Project Management		31,147	35,212	(4,065)	113%	80%	
	D99	Expenses & Subconsultants		129,000	35,485	93,515	28%	60%	
e) ICF-e		Costs and Task % as of 06/20 Services	428,000	428,000	213,951	214,049	50%		
	E01	Draft EIS/EIR Review and Strategic Consultation		-	-	-	-	-	
	E02	Prepare Admin Final Responses to Comments		-	-	-	-	-	
	E03	Prepare Administrative Final EIR/EIS		15,000	14,967	33	100%	100%	
	E04	Begin Preparation of Administrative Record for Fin		-	-	-	-	-	
	E05	Engagement		-	-	-	-	-	
	E06	Geotechnical Environmental Document		-	-	-	-	-	
	E07	Develop Environmental Document Work Plan		110,000	91,990	18,010	84%	85%	
	E08	Support Development of EIR/EIS Project Description		180,000	77,597	102,403	43%	40%	
	E09	Prepare Annotated Outline		88,000	-	88,000	-	-	
	E98	Project Management		31,500	29,397	2,103	93%	92%	
	E99	Expenses		3,500	-	3,500	-	-	



AUGUST KEY CONSULTANT BUDGET REPORT
 FOR AUTHORITY BOARD AND RESERVOIR COMMITTEE,
 FINANCE AND ECONOMICS AD HOC COMMITTEE

8/7/2020

Area / Consultant	Task ID	Task Name	\$ Contract Ceiling	\$Task Budget Authorized (2020)	\$ Spent to date (2020)	\$ Budget Remaining (2020)	Spent %	Task % Complete	8 Month Plan (2020)
f) ICF-f		Costs and Task % as of 06/20 Services	708,300	708,300	229,271	479,029	32%		
	F01	Finalize Joint Biological Assessment		-	-	-	-	-	
	F02	Finalize Geotechnical Permits and Fieldwork		297,120	46,492	250,628	16%	50%	
	F03	Prepare Section 106 Documents		-	-	-	-	-	
	F04	Begin Preparation of Permits and Agreements		26,000	25,976	24	100%	100%	
	F05	Prepare for 2020 Field Work Studies		-	-	-	-	-	
	F06	Strategize on Mitigation and Adaptive Management P		-	-	-	-	-	
	F07	Early Coordination and Development of Key Permits		333,740	118,793	214,947	36%	40%	
	F98	Project Management		35,000	31,615	3,385	90%	89%	
	F99	Expenses		16,440	6,395	10,045	39%	15%	
hc) CH2-hc		Costs and Task % as of 06/20 Services	597,023	597,023	233,344	363,679	39%		
	HC01	Project Coordination		15,378	8,072	7,307	52%	50%	
	HC02	Engineering Support for Proj. Description of Preferred Proj. from Value Planning		370,475	134,913	235,563	36%	40%	
	HC98	Project Management		55,469	32,005	23,464	58%	50%	
	HC99	Expenses & Subconsultants		155,700	58,354	97,346	37%	30%	
hr) AEC-hr		Costs and Task % as of 06/20 Services	599,379	599,379	236,549	362,830	39%		
	HR01	Project Coordination		7,339	1,487	5,852	20%	20%	
	HR02	Engineering Support for Project Description of Preferred Project		567,000	212,462	354,538	37%	48%	
	HR98	Project Management		25,040	22,600	2,440	90%	95%	
i) FUG		Costs and Task % as of 07/20 Services	85,995	85,995	77,068	8,927	90%		
	I01	Data Review and Develop 2019 Feasibility Study Work Plan		-	-	-	-	-	
	I02	- Obsolete -		-	-	-	-	-	
	I03	2019 Site Investigation		-	-	-	-	-	
	I04	Future Site Investigation Work Plan for Design		-	-	-	-	-	
	I05	Assessment of Proposed Field Data Collection Points		50,786	44,350	6,436	87%	87%	
	I98	Project Management		35,209	32,718	2,491	93%	93%	
	I99	Expenses		-	-	-	-	-	

Notes: *



Requested Action:

Consider approval of a recommendation to the Sites Project Authority for issuing two checks totaling \$110,000 to initiate applications with Pacific Gas & Electric (PG&E) and Western Area Power Administration (WAPA) to begin engineering consultation for progressing feasibility study of project electrical facilities. This action is contingent upon approval of the revised Amendment 2 work plan (budget) to be considered later in this meeting.

Detailed Description/Background:

The Sites project will require interconnection with a power transmission and delivery service provider for operational needs. There are two providers within vicinity of the project – PG&E and WAPA.

In order to progress with feasibility engineering and analysis, the project requires coordination with both power transmission and delivery providers for information about existing facilities, planned facilities, capacity, and design guidance. Initiation of an Interconnection Application and deposit with each of the providers will allow the team to begin coordinating data needs and progress feasibility study of project electrical facilities. Both options will be advanced until there is enough information to make a selection, most likely at the completion of the studies described below.

PG&E requires submittal of an Interconnection Application with a deposit of \$100,000 to allow for PG&E staff to work with the Authority and its consultants to evaluate project needs and prepare a System Impact Study (SIS) and Facilities Study (FS). The SIS and FS will inform the project of PG&E's existing system capabilities and identify any potential improvement costs required to accommodate the project.

WAPA requires submittal of an Interconnection Application with an initial deposit of \$10,000 to facilitate project guidance and coordinate agreements to undertake preparation of a project SIS and FS. As part of this initial effort WAPA will provide an estimated cost for preparation of a project SIS and FS, which will require a future deposit of an amount to be determined.

Power generation is a separate but related element of the electrical supply for the project. The SIS and FS do not evaluate generation capabilities. This will be conducted under a separate analysis.

Prior Action:

None.

Fiscal Impact/Funding Source:

Sufficient funds are included in the revised Amendment 2 Work Plan to support these application fees for engagement with PG&E and WAPA.

Staff Contact:

Henry Luu

Attachments: None.



Topic: **Reservoir Committee Agenda Item 2.1**

2020 August 21

Subject: **September 1, 2020 through December 2021 Updated Work Plan (Amendment 2)**

Requested Action:

Approve the revised work plan (budget) with a period of performance of September 1, 2020 to December 31, 2021 (Amendment 2) and updated Exhibit B to the Second Amendment to 2019 Reservoir Project Agreement.

Detailed Description/Background:

The Sites Project is coming to the end of the work plan (Amendment 1B) that identifies project activities and funding sources through August 31, 2020. The Reservoir Committee and Authority Board approved a draft work plan to continue advancing the project through the end of 2021 (Amendment 2) in April. The Amendment 2 work plan was approved for the purpose of establishing project goals and required resources. Since April changes have occurred on both the revenue and expense side leading to the need for Board consideration of a revised Amendment 2 work plan (budget) which will serve as the final exhibit for the amended participation agreement. The revised work plan is included as Attachment A and, the participation agreement budget exhibit has been updated and is included as Attachment C.

The revised work plan includes the following significant changes:

- Increased revenue to \$36.4M from \$31.8M. Increased revenue from prior work period carryover and Prop1 (WSIP) early funding agreement contracted changes. Reduced revenue from WIIN Act due to in-kind services from Reclamation. No changes to the previously approved participating member funding of \$100/af are proposed, although the process that has been established involves another budget review prior to setting the second "up to" payment amount in February 2021. At that time, consideration should be given to the period beyond the Amendment 2 time horizon and how those new goals will be supported with funding and resources.
- Increased expenses to \$33.5M from \$31.7M. Increased expense budgets based on additions and refinements needed to accomplish the project goals. The most significant increase is in conveyance engineering to increase cost certainty and address project risk. A placeholder budget has been included for meeting the Prop 1 (WSIP) 75% local cost share commitment under the title "Plan of Finance" where a better framing of the required scope is necessary which will occur over the next two months.

A detailed breakdown of all of the revisions from the prior approved plan can be found in Attachment C.

The work plan has been reviewed by the Ad-Hoc Budget and Finance Committee and no changes were requested.

Additional task orders will be considered for approval in September and October for the remaining resources needed to complete the project goals. These contract authority's will be under the work plan budget ceilings and are not anticipated to require any further revisions to the revised work plan proposed herein.

Prior Action:

May 21, 2020: The Reservoir Committee accepted Exhibit B (2020 and 2021 budget) to the Second Amendment to 2019 Reservoir Project Agreement and directed staff to begin outreach to potential participants based on the proposed priority system to explore interest in Sites capacity, if available.

May 5, 2020: At a Reservoir Committee workshop, staff provided information on changes to the cash call process and schedule in light of potential economic impacts of the COVID-19 natural disaster on participating member agencies. A two-step cash call process including a "Soft Call" and a "Hard Call" will be used to better plan for changes in participation. The due date of the first cash call of \$60/AF will be moved two months out to November 1, 2020. The due date of the second cash call will be moved two months out to April 1, 2021 and will be up to \$40/AF. The Amendment 2 work will still begin on September 1, 2020.

April 17, 2020: The Reservoir Committee approved the Amendment 2 Work Plan for the purposes of planning cash calls for participants totaling \$100/AF, producing a draft budget exhibit to the participation agreement, and developing consultant task orders.

March 30, 2020: At a joint workshop, staff provided information that included a process overview of task order development; an updated project schedule; cash flows for Reservoir Committee and Authority Board; and preliminary task budgets including assigned resources.

March 19, 2020: Staff provided information on the goals, schedule, cash flow, and preliminary budget allocation by subject assuming a cash call of \$100/AF. Staff provided a preliminary cash call schedule of \$60/AF due September 1, 2020 and \$40 due February 1, 2021.

February 21, 2020: Staff provided information on three possible revenue scenarios and a task list for Amendment 2 (September 1, 2020 and ending December 31, 2021). Staff received direction to continue to develop the \$100/AF revenue scenario.

January 17, 2020: Staff provided information regarding the proposed process for developing a work plan. This work plan proposes to focus on improving certainty related to project operations, permitting, and affordability, and to meeting the January 1, 2022 Prop 1 (WSIP) milestone to remain eligible to receive funding.

Fiscal Impact/Funding Source:

The total funding required remains unchanged from the approved Amendment 2 work plan in the total amount of \$100/AF. The first call remains unchanged at \$60/AF and a reassessment is proposed for the second call currently projected at \$40/AF in February 2021. At that time, any adjustments to the second call can

be considered based on the then current projections. Participating members can consider the second call to be an “up to” amount.

Staff Contact:

Jerry Brown

Attachments:

Attachment A – Amendment 2 Work Plan

Attachment B – Work Plan Variance Report

Attachment C – Exhibit B to Second Amendment to 2019 Reservoir Project Agreement



Sites Project Authority Work Plan from September 2020 through December 2021

August 13, 2020

Status:	Draft	Preparer:	Robinette	Phase:	2	Revision:	D
Filename:	Amendment 2 - Work Plan from September 1, 2020 to December 31, 2021 (Rev D)	Reviewer:	Forsythe, Spesert, Trapasso	Date:	August 13, 2020		
Notes:		Authority Agent:	Brown	Page:	1	of	21

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Attachments

- Attachment A – Amendment 2 Budget by Deliverable
- Attachment B – Amendment 2 Preliminary Budget by Firm (Resource)
- Attachment C – Critical Path Schedule Report
- Attachment D – Budgets Pending Commitments

1. Introduction

The Sites Project currently follows a work plan (Amendment 1B) that identifies project activities and funding sources through August 31, 2020. The Reservoir Committee's current participation agreement will be amended to extend the period of performance to December 31, 2021; therefore, a new work plan is needed to continue advancing the project as part of the planning phase.

This document outlines the work to be performed between September 1, 2020, and December 31, 2021, to meet project goals that were developed with input from the Authority Board and Reservoir Committee in early 2020. The plan provides the deliverables, schedule, and operational budget needed to 1) meet the Prop 1 (WSIP) requirements for continued eligibility, 2) improve operational, cost and permit certainty while advancing the preferred project identified in a value planning study through the Authority's project feasibility process. It also includes Authority Board and Reservoir Committee revenues and expenses. While this work plan does include the remainder of the majority of planning activities, there are activities needed beyond this work plan to fully complete the planning phase of the Sites Project. This work plan will be superseded by a new participation agreement and work plan in January 2022.

If approved by the Authority Board and Reservoir Committee, a summary budget will be included as an exhibit to the Second Amendment to 2019 Reservoir Project Agreement (Amendment 2). The work plan has been updated with the contract authorities negotiated as part of the task order development for service areas A through I, which are being considered for Reservoir Committee and Authority Board approval in August 2020. Placeholders are in the budget to cover:

- Task orders with all other consultants which will be brought for Reservoir Committee and Authority Board consideration in September or October 2020 (Attachment D)
- Development of Terms and Conditions for Participation providing participants operating and financial assurances that are needed to commit the local cost share, a Prop 1 (WSIP) requirement, by January 1, 2022. Previously, the work plan referred to this as "plan of finance" and only included establishing bank financing. It is anticipated that Participants require assurances in several areas before obligating to bank finance the project including water service conditions, Prop 1 (WSIP) benefit commitments, existing facility use conditions, and establishing a project governance structure. Staff will review these elements in greater detail with the Reservoir Committee and Authority Board in September 2020 and bring a detailed budget and task order needs for these activities in October 2020. The placeholder amount is expected to be the upper end of the range of costs for these efforts.

While Sites staff have made efforts to incorporate into this work plan known current project impacts due to the COVID-19 pandemic, the work plan has not accounted for unknown future changes due to the COVID-19 pandemic including, without limitation, additional restrictions by government agencies or others (such as the availability of sites for access or the availability of client or consultant staff or others, the timing of revenue, etc.), to the extent they delay or otherwise impact the project. In that event, Sites staff will quickly notify the Reservoir Committee and Authority Board if any of these issues arise and bring adjustments to stay within budget and schedule and while still meeting deadlines.

2. Work Plan Goals and Schedule Targets

Project goals and a project schedule, based on targets determined by the Reservoir Committee and Authority Board, have been established to form the basis of the work plan by providing high level outcomes and required timing. The goals and schedule are used to determine deliverables, required revenue and expenses, and a cash flow for the duration of the work plan.

2.1 Work Plan Goals

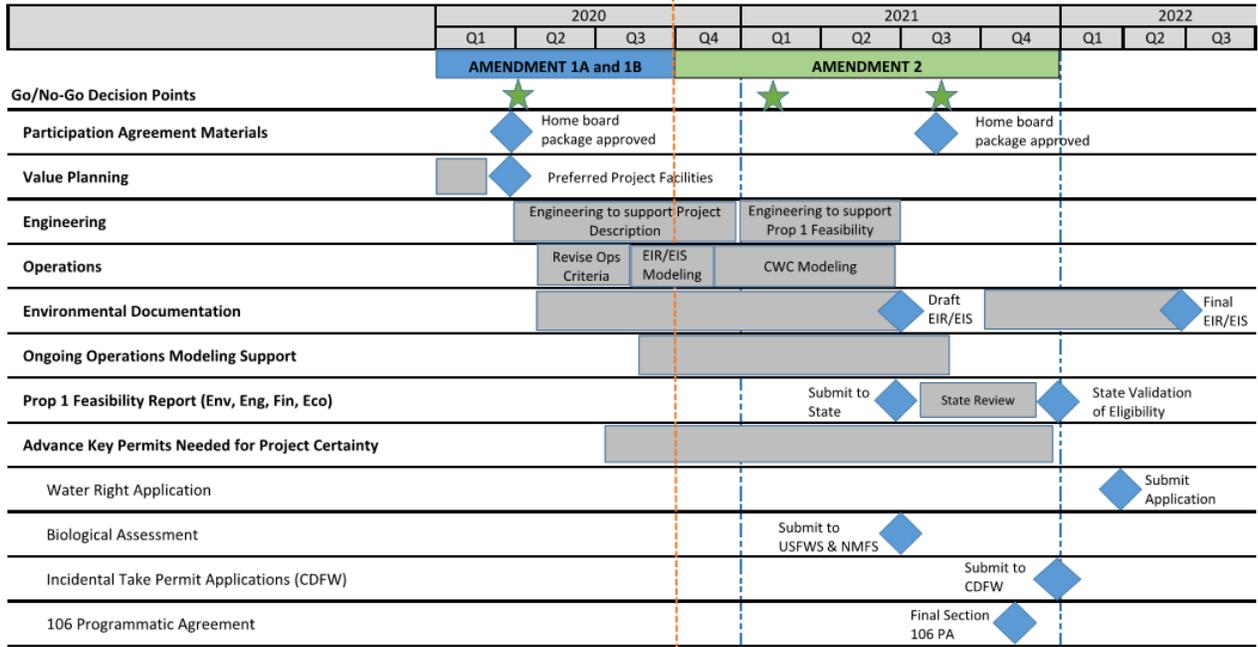
The project goals are based on near-term priorities as directed by the Reservoir Committee and the Authority Board and form the basis of the work plan. The project goals of this work plan are to:

1. Improve certainty related to the reservoir's operations (fills; releases; levels of local, state, and federal investment; etc.) and degree of operational integration with the State Water Project and Central Valley Project (cooperative operations agreement) to produce benefits for both water supply and reliability purposes and water dedicated to environmental purposes.
2. Improve certainty related to the project's permitability through early and focused consultations with permitting agencies that will allow the team to efficiently and effectively prepare applications for key federal and state permits and for Sites' water right.
3. Complete most of the environmental analysis and documentation efforts as required under CEQA and NEPA.
4. Improve certainty surrounding the project's affordability by advancing engineering and implementing risk management to improve the accuracy of the cost estimates, and by pursuing low-interest financing and potential grants.
5. Continue to cultivate and strengthen partnerships with local landowners, communities, and key stakeholders that represent environmental, business, labor, and other interests.
6. Meet the January 1, 2022, Prop 1 (WSIP) milestone to remain eligible to receive the \$775M in construction funding by completing the following: a) a draft EIR, b) determination of feasibility, and c) commitment of 75% local cost share.
7. Identify continued participation Go/No-Go decision points with staggered cash calls.
8. Develop a project plan of finance and a successor participation agreement, including a work plan, to advance the Sites Project beyond December 31, 2021.

2.2 Project Schedule Targets

Schedule targets were developed by Sites staff and reviewed with the Reservoir Committee and Authority Board. The project master schedule through December 31, 2021, is based on the work plan goals and the necessary steps to achieve them. Attachment C shows a critical path view of the master schedule based on the targets identified on Figure 1. The schedule is cost-loaded and provides the basis for revenue and expense budgets discussed in later sections.

September 1, 2020



NOTE: This graphic includes schedule drivers only and does not include all activities/deliverables. This work plan is based on current participation commitments.

FIGURE 1. WORK PLAN SCHEDULE TARGETS

Participant funding Go / No Go decisions will be required in:

- February 2021: Decision to release second Reservoir Committee cash call of up to \$40 per acre feet invoice for payment to continue advancing the project. The final amount of the cash call will be determined at this time based on factors including current progress toward work plan goals, forecasted revenue and expenses, and target carryover funds to the next phase.
- August 2021: Approve board package for successor agreement. Include proposed approval of project plan of finance and terms and conditions for participation.

3. Deliverables

To meet the goals and schedule targets and provide measurable progress, a list of key deliverables has been developed, shown in Table 1. This list is not exhaustive but provides a level that will be used to report progress through December 31, 2021. The target status as of August 1, 2021 is notable as this coincides with funding decisions that will be needed to advance the project beyond 2021.

Table 1. Work Plan Key Deliverables				
Deliverable	Start	Finish	Target Status as of 8/1/21	Target Status as of 12/31/21
Revised Draft EIR/EIS Project Description Chapter	1-Sep-20	28-Dec-20	Complete	Complete
Revised Public Draft EIR/EIS	1-Sep-20	14-Jul-21	Complete	Complete
Summary Report for CWC	28-Sep-21	3-Dec-21	Awaiting public comments	CWC Determination of Environmental Feasibility
Full Operations Analysis	1-Sep-20	31-Dec-20	Complete and used to support environmental, permitting, integrated operations, and financial decisions	Complete and used to support environmental, permitting, integrated operations, and financial decisions
Term Sheets for Key Operational Agreements	1-Jan-20	31-Dec-21	Submitted for Ad-Hoc Committee Review	Complete
Operations Plan, Version 1	1-Jan-20	31-Dec-21	Submitted for Ad-Hoc Committee Review	Complete
Final Feasibility Report (without Environmental)	20-May-21	20-Aug-21	Submitted for Ad-Hoc Committee Review	CWC Determination of Feasibility
Water Right Application Advanced	1-Sep-20	31-Dec-21	Water Availability Analysis Complete	Internal draft application completion within 14 days
Biological Assessment	1-Oct-20	28-Jun-21	Reclamation submits BA to USFWS/NMFS	Complete
Section 106 Programmatic Agreement	1-Sep-20	31-Dec-21	Programmatic Agreement in final review	Complete
ITP – Section 2081 Permit Applications	1-Sep-20	7-Dec-21	Draft ITP Applications completion within 30 days	Complete
Clean Water Act 404/401 Applications	1-Sep-20	7-Dec-21	Delineation and Mitigation Plan Complete	Complete
Summary Report for Early Mitigation / Geotech Mitigation	1-Sep-20	31-Dec-21	Geotech mitigation costs better defined	Geotech mitigation costs (as needed) or initial payment on contract for early biological mitigation actions
Preliminary Hydraulics Model	20-May-21	16-Jul-21	Complete and used to integrate design	Complete and used to integrate design
WIFIA Application	5-Jan-21	29-Jun-21	Letter of Interest Submitted to EPA	Letter of Interest Submitted to EPA
Plan of Finance	1-Mar-21	2-Aug-21	Submitted for Ad-Hoc Committee Review	Complete

4. Revenue Budget

It is anticipated that potentially \$36.3M in updated revenue will be generated during the work plan period, as shown in Table 2. This is a \$4.6M increase compared to the April 2020 work plan previously approved by the Reservoir Committee and Authority Board. This revenue will be generated from the following sources:

- Amendment 1B carryover funds: This revenue represents projected cash on hand as of September 1, 2020 available to advance the project.
- Reservoir Committee cash calls: These are individual agency cash call invoices based on member agencies' level of participation in terms of dollars per acre foot of participation. This work plan assumes a total cash-call revenue of up to \$100 per acre-foot at participation levels based on projected participation of 192,892 acre-feet.
- Authority Board annual seat dues: Each Authority Board member pays membership dues annually. The work period includes the membership dues for 2021 at the same level as 2020.
- State funding: California provides revenue in the form of reimbursements through Prop 1 (WSIP) early funding. This funding is subject to the terms of the existing Early Funding Agreement and is capped at \$40.8M. The State reimburses 50 percent of eligible activities in arrears. This work plan also assumes a further reduced recovery to account for schedule risk associated with the delay of state payment or delay in the performance of reimbursable work. Staff has taken steps to reallocate task budgets in the Early Funding Agreement and negotiated the annual release of retention funds. Both state funding changes increase the total revenue from the state in the work period compared to prior estimates and are reflected in the estimated revenue. These new amounts will be contracted amounts and therefore are certain assuming the local cost share is achieved. Staff expect the amendment to the EFA will be approved by September 10, 2020.
- Federal funding: Federal participation is assumed to continue through the Water Infrastructure Improvements for the Nation (WIIN) Act. The work plan includes a portion of the federal \$6M WIIN Act appropriation that occurred in December 2019. This funding will be in the form of reimbursements accessed through an upcoming Financial Assistance Agreement with the Bureau of Reclamation. This agreement is currently limited to \$3M. There is \$1M of Reclamation performed and funded geotechnical analysis. The total of \$3M in this revised work plan is consistent with the \$4M shown in the April 2020 work plan.

Table 2. Budgets by Subject Area	
Work Plan Funding Source	Revenue
Projected total cash on hand as of 9.1.2020 (carryover funds)	\$4,566,000
Reservoir Committee Cash Calls (up to \$100/acre-foot)*	\$19,289,200
Authority Board Seats*	\$500,000
Federal (WIIN Act) Funding	\$3,000,000
State (Prop 1(WSIP))	\$9,010,000
Total Revenue Sept. 1, 2020 through Dec. 31, 2021	\$36,365,200

* Assumes no change in Reservoir Committee or Authority Board participation from 2019 levels of 192,892 AF. Final cash call amount will be determined in February 2021.

5. Expense Budget

Estimated task-level costs were developed by Sites staff and loaded into the project master schedule. Preliminary costs by subject area are shown in Table 3 and on Figure 2. Figure 3 shows the budget by management type vs. deliverables. Detailed tables can be found in Attachment A by deliverable and Attachment B by resource. The attached tables include information on Authority Board and Reservoir Committee share of expenses.

Table 3. Budgets by Subject Area	
Subject Area	Work Plan Budget
Permitting	\$7,508,200
Early Mitigation	\$1,500,000
Environmental Planning	\$4,637,600
Operations Modeling	\$2,580,300
Engineering	\$6,586,400
Geotechnical	\$2,118,300
Real Estate	\$570,400
Communications	\$975,800
Project Controls	\$1,796,900
Funding	\$1,045,400
Support	\$916,000
Growth	\$2,119,700
Management	\$1,137,300
Grand Total	\$33,492,300

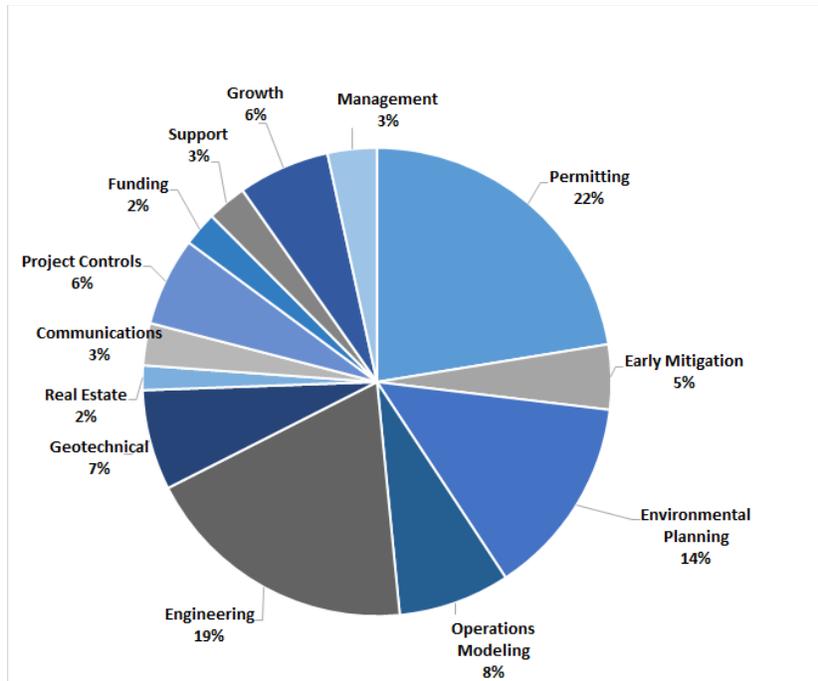


FIGURE 2. BUDGET PERCENT BY SUBJECT AREA

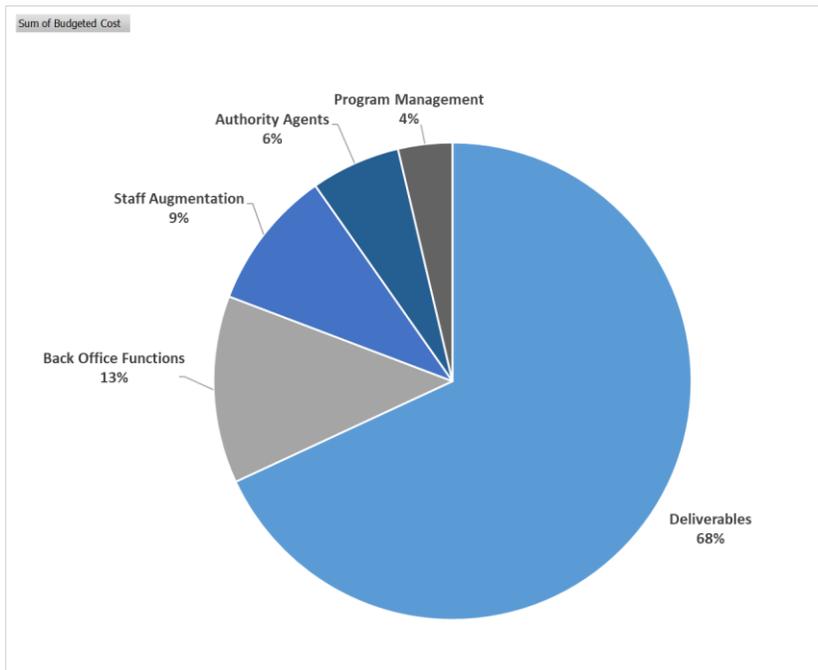


FIGURE 3. BUDGET BY MANAGEMENT TYPE VS. DELIVERABLES

6. Work Plan Cash Flow

The master schedule was used to create a cash flow and determine the required timing of cash calls from the Reservoir Committee. A preliminary cash call schedule has been developed to maintain a cash-positive position to help avoid project delays. Cash call invoices totaling up to \$100/acre-foot (AF) will occur as follows:

- \$60/AF, due November 1, 2020
- Up to \$40/AF, due April 1, 2021

The second cash call will be up to \$40 per acre-foot with the final amount being determined in February 2021 based on the needs of the project. Alternative payment plans may be considered and will be evaluated to ensure no adverse impact to cash flow. Cash flow graphs are included for the Reservoir Committee and Authority Board on Figure 4 and Figure 5, respectively.

A cash balance of \$2M at the end of 2021 is projected based on the work plan cash flow, which assumes the full \$40/AF for the second cash call. The target ending balance will be discussed in the February 2021 budget review based on updated forecasts for amendment 2 work. There are early 2022 activities required to maintain project schedule and get the project into bank financing, should participants wish to proceed, that will need to be considered when setting the target ending balance. The options will be discussed as part of the February 2021 budget review.

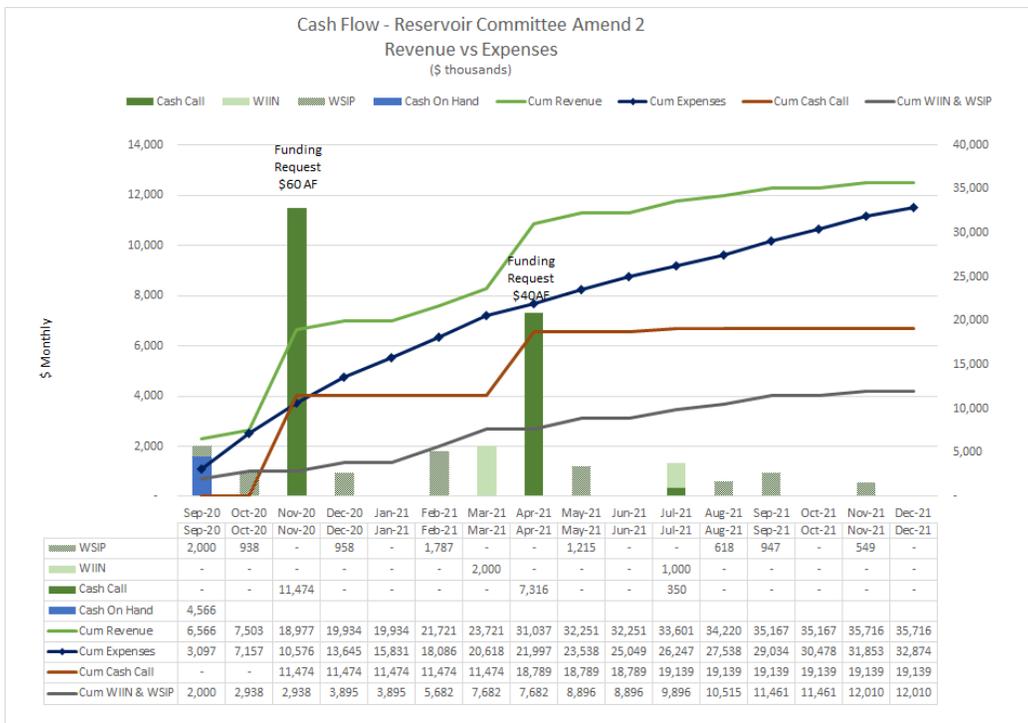


FIGURE 4. AMENDMENT 2 CASH FLOW, RESERVOIR COMMITTEE

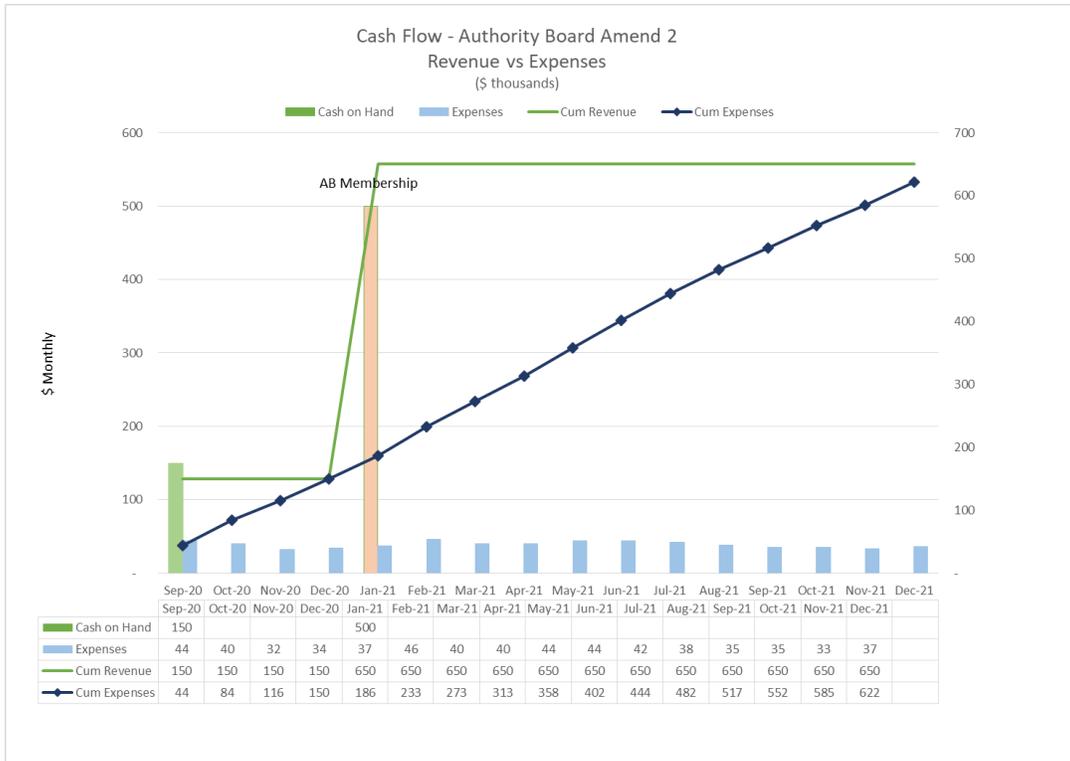


FIGURE 5. AMENDMENT 2 CASH FLOW, AUTHORITY BOARD

7. Work Plan Outcomes by Subject

The following outcomes will be used in conjunction with the deliverables list included in Attachment A as a starting point for project consultants to develop task orders within each subject area.

1. Permitting

Authority Agent Lead: Ali Forsythe

Outcomes:

- Federal Endangered Species Act (ESA) compliance document received (Biological Opinion)
- California Endangered Species Act (CESA) Incidental Take Permit applications submitted
- National Historic Preservation Act compliance: Section 106 Programmatic Agreement final submitted for signatures
- Sites water rights application advanced
- State and Federal Clean Water Act (CWA) permit application packets submitted (404 and 401)
- Mitigation costs for Prop 1 (WSIP) Feasibility Report completed
- Additional geotechnical data collection field monitoring completed
- Public benefit agreements (Prop 1 (WSIP) term sheets completed

2. Early Mitigation

Authority Agent Lead: Ali Forsythe

Outcomes:¹

- 2020 Geotech mitigation actions completed and / or
- Initial payment on contract for early biological mitigation actions

3. Environmental Planning

Authority Agent Lead: Ali Forsythe

Outcomes:

- Description of Preferred Project and alternatives for EIR/EIS analysis
- AB 52 consultation on-going
- Draft EIR/EIS released for public review and comment
- Summary Report for California Water Commission completed
- Draft responses to comments and Final EIR/EIS advanced
- Environmental Feasibility for Prop 1 (WSIP) completed
- Environmental planning support for outreach and public meetings

¹ The Authority has received an informal request from CDFW to fund some of their staff activities in development and processing of the Sites Incidental Take Permit applications. In addition, the planning, permitting and operations teams are considering the possibility of independent or peer review on key deliverables, such as the Biological Assessment and operations modeling. The partial use of these “Early Mitigation” funds may be a funding source for these currently unplanned activities. If and when these activities are firmed up, staff will return to the Reservoir Committee and Authority Board with a recommendation on how best to fund these within the overall funding targets.

4. **Operations Modeling**

Authority Agent Lead: Ali Forsythe

Outcomes:

- Development of operations criteria and operations project description
- Full operations analysis completed with updated criteria, including the following:
 - Hydrology & System Operations
 - Fisheries
 - Delta Hydrodynamics
 - Delta Water Quality
 - Power
 - Economics
- Development of Operations Plan, Version 1 completed
- Additional modeling and operation analyses to support permit applications
- Bridging simulation(s) to support California Water Commission
- Term Sheets for Key Operational Agreements with DWR, Reclamation, TCCA, GCID, and the Colusa Basin Drain entities completed

5. **Engineering**

Authority Agent Lead: Henry Luu

Outcomes:

- Feasibility level designs completed
- CADD drawings of key facilities
- GIS drawings of facility footprints to support environmental analyses completed
- Class 4 construction estimate completed
- Construction sequencing and schedule completed
- Support geotechnical field investigation for feasibility study
- Support development of geotechnical field investigation plan for design
- Develop and implement DSOD engagement plan
- Support development design/construction/permitting plan
- Advance of hydraulic modeling
- Support environmental/permitting
- Update risk assessment

6. **Geotechnical**

Authority Agent Lead: Henry Luu

Outcomes:

- Support planning and permitting, right of access, scheduling for feasibility field investigation
- Conduct field investigation for feasibility field investigation

- Complete data evaluation and prepare geotechnical design reports for feasibility study
- Complete data gap assessment design level geotechnical field investigation plan

7. **Real Estate**

Authority Agent Lead: Kevin Spesert

Outcomes:

- Landowner engagement and coordination
- Negotiate temporary rights of entry agreements in support of field activities
- Support for public outreach & public meetings

8. **Communications**

Authority Agent Lead: Kevin Spesert

Outcomes:

- Authority strategic communications
- Government (Federal & State) outreach, advocacy, and funding support
- Local government/agency coordination
- Stakeholder coordination and general public outreach

9. **Project Controls**

Authority Agent Lead: Joe Trapasso

Outcomes:

- Financial and project cost management
- Document, data, and schedule management
- Contract procurement, management, and compliance
- Monthly, quarterly, and annual reporting continued
- Accounting compliance (Authority Board and Reservoir Committee)

10. **Funding**

Authority Agent Lead: Joe Trapasso

Outcome:

- Funding agreements administered to maximize utilization of participant funding
- WIFIA letter of interest submitted
- Policies, procedures, and systems developed to support near-term funding reporting requirements
- Financial Assistance Agreement executed for WIIN Act funding. Agreement modified as additional funds become available via congressional appropriation.

11. Support

Authority Agent Lead: Joe Trapasso

Outcomes:

- Support is provided to the Authority as a business including legal, IT, office space, document management

12. Growth

Authority Agent Lead: Joe Trapasso

Outcomes:

- Successor agreement developed and executed for work beyond 2021, including an updated work plan
- Organizational assessment actions completed
- Plan of Finance that all participating members support
- An organization and governance system that can manage the project through design, construction and operations
- Approved Water Service Contract term sheet between the operating entity and each individual participating member
- Agreement on ownership designation and responsibilities
- All necessary Financing documents for bank or private financing

13. Management

Authority Agent Lead: Joe Trapasso

Outcomes:

- Project oversight and governance
- Support to Authority Board & Reservoir Committee
- Document, data and schedule management

8. Activities Needed to Complete the Planning Phase

The activities in this work plan significantly contribute to the completion of the planning phase. The activities needed to fully complete the planning phase are:

- A Final EIR/EIS
- Water Right Permit issued by the State Water Resources Control Board
- Finalize remaining permits
 - Completing key environmental permits as listed in the Amendment 2 work plan
 - Completing more construction focused environmental permits (Caltrans encroachment; waste discharge requirements; Streambed Alteration Agreements; air pollution, public works encroachments, and building permits)
 - Completing final construction technical permits (DSOD and Cal OSHA)
- Finalize operational agreements to comply with Prop 1 (WSIP)
 - Operations with Reclamation and DWR
 - Operations with CDFW
 - Recreation and flood benefits with DWR
 - Funding agreement with CWC
 - Water Service Contracts
- Finalize agreements with owners of existing facilities (TCCA, GCID, CBDA)
- Continue to refine the Operations Plan based on permits and operational agreements
- A final project plan of finance that has the support of all participating members, including standing up the operational organization and governance to extend through construction and operations
- Address any contributed credit remaining balances
- Acquire temporary rights of entry
- Develop policies, procedures, and implement systems necessary to complete Phase 3

Attachment A - Amendment 2 Budget by Deliverable

ATTACHMENT A: AUTHORITY BOARD AND RESERVOIR COMMITTEE BUDGET BY DELIVERABLE

Subject Area	Authority Board	Reservoir Committee	Total
Permitting		\$7,508,171	\$7,508,171
Biological Assessment/Biological Opinion Support		\$1,228,026	\$1,228,026
Clean Water Act 404/401 Permit Applications		\$1,098,496	\$1,098,496
Water Right Application		\$994,868	\$994,868
Task Management-WG/Res Comm/AB		\$585,886	\$585,886
ITP-Section 2081 Permit- Construction Application		\$536,557	\$536,557
Section 106 Programmatic Agreement		\$516,678	\$516,678
ITP-Section 2081 Permit-Operations Application		\$490,368	\$490,368
Geotechnical Field Monitoring		\$480,766	\$480,766
Focused Species Surveys		\$395,946	\$395,946
Mitigation Plan		\$377,463	\$377,463
Adaptive Management Plan		\$315,471	\$315,471
Section 408 Draft Packet		\$306,518	\$306,518
Summary Report for Early Mitigation/Geotech Mitigation		\$92,577	\$92,577
Eagle Take Permit		\$50,308	\$50,308
Feasibility Report		\$38,243	\$38,243
Engineering		\$6,586,392	\$6,586,392
Environmental Feasibility Support		\$2,767,712	\$2,767,712
DSOD Engagement Plan		\$717,760	\$717,760
Class 4 Cost Estimate including Mitigation Measures		\$515,906	\$515,906
Draft Feasibility Report		\$387,381	\$387,381
Task Management-WG/Res Comm/AB		\$358,112	\$358,112
Risk Workshop Outcomes TM		\$291,762	\$291,762
Geotechnical Permit Planning & Investigation Plan		\$269,472	\$269,472
Preliminary Hydraulics Model		\$266,992	\$266,992
Program Design/Construction/Permit Implementation		\$183,606	\$183,606
Final Feasibility Report (w/o Environmental)		\$175,397	\$175,397
Engineering - Technical Feasibility		\$161,982	\$161,982
Field Data Collection Work Plan/Cost Estimate		\$156,475	\$156,475
Financial Feasibility Coordination		\$107,843	\$107,843
Engineering Project Coordination		\$70,215	\$70,215
Confirm Benefits		\$65,161	\$65,161
Site Plan with Proposed Borings		\$41,240	\$41,240
Cost Allocation		\$24,190	\$24,190
Economic Feasibility		\$23,186	\$23,186
Geotechnical Data Reports		\$2,000	\$2,000
Environmental Planning		\$4,637,605	\$4,637,605
Revised Admin Draft EIR/EIS		\$2,991,460	\$2,991,460
Begin Preparation of Admin Final EIR/EIS		\$439,234	\$439,234
Revised Public Draft EIR/EIS		\$401,199	\$401,199
Response to Comments/Summary Report for CWC		\$240,541	\$240,541
Draft EIR/EIS Project Description Chapter		\$230,610	\$230,610
Task Management-WG/Res Comm/AB		\$212,571	\$212,571
Public Review Period/Public Meetings		\$121,990	\$121,990
Modeling		\$2,580,293	\$2,580,293
Full Operations Analysis		\$1,429,716	\$1,429,716
CWC/WSIP Modeling		\$478,610	\$478,610
Task Management-WG/Res Comm/AB		\$215,282	\$215,282
Develop Documentation for EIR/EIS and BA/ITP		\$178,906	\$178,906
Term Sheets for Key Operations Agreements		\$150,435	\$150,435
Operations Plan, Version 1		\$127,344	\$127,344
Growth		\$2,119,693	\$2,119,693
Plan of Finance		\$1,500,000	\$1,500,000

Subject Area	Authority Board	Reservoir Committee	Total
Successor Agreement		\$247,917	\$247,917
Successor Agreement Work Plan		\$174,692	\$174,692
Controls		\$172,084	\$172,084
Organizational Assessment		\$25,000	\$25,000
Geotech		\$2,118,268	\$2,118,268
Task Management-WG/Res Comm/AB		\$938,724	\$938,724
Field Data Collection Work Plan/Cost Estimate		\$695,194	\$695,194
Preliminary Planning for Design		\$484,350	\$484,350
Project Controls	\$35,200	\$2,011,425	\$2,046,625
Project Master Schedule		\$580,498	\$580,498
Monthly Board/Res Comm Support	\$19,200	\$472,532	\$491,732
Contract Management		\$460,978	\$460,978
Accounts Payable and Receivable	\$16,000	\$233,716	\$249,716
Task Management-WG/Res Comm/AB		\$224,687	\$224,687
Controls		\$39,014	\$39,014
Early Mitigation		\$1,500,000	\$1,500,000
Summary Report for Early Mitigation/Geotech Mitigation		\$1,500,000	\$1,500,000
Management		\$1,137,287	\$1,137,287
Executive Director		\$545,000	\$545,000
Project Management		\$419,760	\$419,760
Business Management		\$122,527	\$122,527
Strategic Planner		\$50,000	\$50,000
Communications	\$205,005	\$770,795	\$975,800
Government Affairs WP 2021	\$153,700	\$278,150	\$431,850
Communications		\$339,669	\$339,669
Government Affairs WP 2020	\$51,305	\$92,645	\$143,950
Task Management-WG/Res Comm/AB		\$60,331	\$60,331
Support	\$348,400	\$567,550	\$915,950
Business Management Vendors	\$12,400	\$239,000	\$251,400
Legal Counsel	\$240,000		\$240,000
Business Management	\$96,000	\$128,000	\$224,000
IT and GIS Support		\$105,000	\$105,000
Document Management		\$95,550	\$95,550
Funding	\$12,400	\$783,306	\$795,706
Controls		\$437,357	\$437,357
State Invoice/Progress Reports & Quarterly Reports	\$12,400	\$218,747	\$231,147
WIFIA Application		\$79,586	\$79,586
Reclamation Coordination		\$47,616	\$47,616
Real Estate	\$20,800	\$549,604	\$570,404
Real Estate Landowner Coordination	\$20,800	\$549,604	\$570,404
Total	\$621,805	\$32,870,389	\$33,492,194

Attachment B - Amendment 2 Preliminary Budget by Resource

ATTACHMENT B: AUTHORITY BOARD AND RESERVOIR COMMITTEE BUDGET BY RESOURCE

Firm/Subject Area	Authority Board	Reservoir Committee	Total
01-HDR		\$4,342,136	\$4,342,136
Permitting		\$1,034,175	\$1,034,175
Biological Assessment/Biological Opinion Support		\$188,501	\$188,501
Clean Water Act 404/401 Permit Applications		\$117,227	\$117,227
Water Right Application		\$115,368	\$115,368
Adaptive Management Plan		\$99,337	\$99,337
ITP-Section 2081 Permit-Operations Application		\$96,671	\$96,671
ITP-Section 2081 Permit- Construction Application		\$96,671	\$96,671
Section 106 Programmatic Agreement		\$83,220	\$83,220
Geotechnical Field Monitoring		\$53,780	\$53,780
Task Management-WG/Res Comm/AB		\$51,935	\$51,935
Focused Species Surveys		\$49,104	\$49,104
Section 408 Draft Packet		\$44,118	\$44,118
Feasibility Report		\$38,243	\$38,243
Mitigation Plan		\$0	\$0
Environmental Planning		\$832,095	\$832,095
Revised Admin Draft EIR/EIS		\$426,299	\$426,299
Begin Preparation of Admin Final EIR/EIS		\$107,185	\$107,185
Task Management-WG/Res Comm/AB		\$81,564	\$81,564
Revised Public Draft EIR/EIS		\$67,826	\$67,826
Response to Comments/Summary Report for CWC		\$65,536	\$65,536
Public Review Period/Public Meetings		\$55,389	\$55,389
Draft EIR/EIS Project Description Chapter		\$28,296	\$28,296
Engineering		\$708,762	\$708,762
Environmental Feasibility Support		\$202,073	\$202,073
Risk Workshop Outcomes TM		\$94,082	\$94,082
Draft Feasibility Report		\$72,185	\$72,185
Engineering Project Coordination		\$70,215	\$70,215
Class 4 Cost Estimate including Mitigation Measurs		\$65,890	\$65,890
Engineering - Technical Feasibility		\$61,575	\$61,575
Final Feasibility Report (w/o Environmental)		\$46,822	\$46,822
DSOD Engagement Plan		\$26,076	\$26,076
Preliminary Hydraulics Model		\$21,456	\$21,456
Program Design/Construction/Permit Implementation		\$19,290	\$19,290
Financial Feasibility Coordination		\$14,860	\$14,860
Geotechnical Permit Planning & Investigation Plan		\$14,238	\$14,238
Economic Feasibility		\$0	\$0
Management		\$396,687	\$396,687
Project Management		\$274,160	\$274,160
Business Management		\$122,527	\$122,527
Support		\$328,550	\$328,550
Business Management		\$128,000	\$128,000
IT and GIS Support		\$105,000	\$105,000
Document Management		\$95,550	\$95,550
Modeling		\$321,729	\$321,729
Full Operations Analysis		\$92,334	\$92,334
Task Management-WG/Res Comm/AB		\$76,833	\$76,833
Term Sheets for Key Operations Agreements		\$64,416	\$64,416
CWC/WSIP Modeling		\$46,821	\$46,821
Operations Plan, Version 1		\$41,325	\$41,325
Real Estate		\$247,404	\$247,404
Real Estate Landowner Coordination		\$247,404	\$247,404
Funding		\$192,489	\$192,489
WIFIA Application		\$79,586	\$79,586
State Invoice/Progress Reports & Quarterly Reports		\$65,287	\$65,287
Reclamation Coordination		\$47,616	\$47,616

Firm/Subject Area	Authority Board	Reservoir Committee	Total
Project Controls		\$169,498	\$169,498
Project Master Schedule		\$89,498	\$89,498
Contract Management		\$50,000	\$50,000
Accounts Payable and Receivable		\$30,000	\$30,000
Monthly Board/Res Comm Support		\$0	\$0
Growth		\$72,283	\$72,283
Successor Agreement		\$72,283	\$72,283
Successor Agreement Work Plan		\$0	\$0
Geotech		\$38,464	\$38,464
Field Data Collection Work Plan/Cost Estimate		\$38,464	\$38,464
02-Brown & Caldwell		\$2,505,736	\$2,505,736
Project Controls		\$1,424,327	\$1,424,327
Project Master Schedule		\$491,000	\$491,000
Monthly Board/Res Comm Support		\$344,532	\$344,532
Task Management-WG/Res Comm/AB		\$224,687	\$224,687
Contract Management		\$210,978	\$210,978
Accounts Payable and Receivable		\$114,116	\$114,116
Controls		\$39,014	\$39,014
Funding		\$565,217	\$565,217
Controls		\$437,357	\$437,357
State Invoice/Progress Reports & Quarterly Reports		\$127,860	\$127,860
WIFIA Application		\$0	\$0
Growth		\$441,168	\$441,168
Successor Agreement Work Plan		\$174,692	\$174,692
Controls		\$172,084	\$172,084
Successor Agreement		\$55,634	\$55,634
Plan of Finance		\$38,758	\$38,758
Engineering		\$75,024	\$75,024
Financial Feasibility Coordination		\$69,797	\$69,797
Risk Workshop Outcomes TM		\$5,227	\$5,227
Economic Feasibility		\$0	\$0
03-Katz & Associates		\$400,000	\$400,000
Communications		\$400,000	\$400,000
Communications		\$339,669	\$339,669
Task Management-WG/Res Comm/AB		\$60,331	\$60,331
04-CH2M Hill Engineers		\$2,094,564	\$2,094,564
Modeling		\$2,094,564	\$2,094,564
Full Operations Analysis		\$1,255,382	\$1,255,382
CWC/WSIP Modeling		\$431,789	\$431,789
Develop Documentation for EIR/EIS and BA/ITP		\$178,906	\$178,906
Task Management-WG/Res Comm/AB		\$138,449	\$138,449
Term Sheets for Key Operations Agreements		\$45,019	\$45,019
Operations Plan, Version 1		\$45,019	\$45,019
05-ICF Environmental		\$3,010,760	\$3,010,760
Environmental Planning		\$3,010,760	\$3,010,760
Revised Admin Draft EIR/EIS		\$2,153,661	\$2,153,661
Revised Public Draft EIR/EIS		\$233,123	\$233,123
Begin Preparation of Admin Final EIR/EIS		\$230,799	\$230,799
Draft EIR/EIS Project Description Chapter		\$121,814	\$121,814
Task Management-WG/Res Comm/AB		\$120,757	\$120,757
Response to Comments/Summary Report for CWC		\$104,505	\$104,505
Public Review Period/Public Meetings		\$46,101	\$46,101
06-ICF Permitting		\$4,400,996	\$4,400,996
Permitting		\$4,400,996	\$4,400,996
Biological Assessment/Biological Opinion Support		\$811,725	\$811,725
Clean Water Act 404/401 Permit Applications		\$700,769	\$700,769
Geotechnical Field Monitoring		\$420,426	\$420,426
ITP-Section 2081 Permit-Operations Application		\$377,297	\$377,297

Firm/Subject Area	Authority Board	Reservoir Committee	Total
Mitigation Plan		\$364,343	\$364,343
Section 106 Programmatic Agreement		\$347,958	\$347,958
Focused Species Surveys		\$342,742	\$342,742
ITP-Section 2081 Permit- Construction Application		\$297,586	\$297,586
Section 408 Draft Packet		\$254,200	\$254,200
Adaptive Management Plan		\$207,114	\$207,114
Task Management-WG/Res Comm/AB		\$133,951	\$133,951
Summary Report for Early Mitigation/Geotech Mitigation		\$92,577	\$92,577
Eagle Take Permit		\$50,308	\$50,308
08-AECOM		\$1,765,758	\$1,765,758
Engineering		\$1,765,758	\$1,765,758
Environmental Feasibility Support		\$303,438	\$303,438
Class 4 Cost Estimate including Mitigation Measurs		\$301,946	\$301,946
Draft Feasibility Report		\$225,903	\$225,903
Geotechnical Permit Planning & Investigation Plan		\$172,139	\$172,139
Field Data Collection Work Plan/Cost Estimate		\$156,475	\$156,475
DSOD Engagement Plan		\$108,881	\$108,881
Task Management-WG/Res Comm/AB		\$103,682	\$103,682
Final Feasibility Report (w/o Environmental)		\$90,668	\$90,668
Confirm Benefits		\$65,161	\$65,161
Risk Workshop Outcomes TM		\$63,760	\$63,760
Program Design/Construction/Permit Implementation		\$47,811	\$47,811
Site Plan with Proposed Borings		\$41,240	\$41,240
Cost Allocation		\$24,190	\$24,190
Economic Feasibility		\$23,186	\$23,186
Financial Feasibility Coordination		\$23,186	\$23,186
Preliminary Hydraulics Model		\$12,092	\$12,092
Geotechnical Data Reports		\$2,000	\$2,000
09-Jacobs		\$3,356,848	\$3,356,848
Engineering		\$3,356,848	\$3,356,848
Environmental Feasibility Support		\$2,152,201	\$2,152,201
Task Management-WG/Res Comm/AB		\$254,430	\$254,430
Preliminary Hydraulics Model		\$233,444	\$233,444
Class 4 Cost Estimate including Mitigation Measurs		\$148,070	\$148,070
Program Design/Construction/Permit Implementation		\$116,505	\$116,505
Engineering - Technical Feasibility		\$100,407	\$100,407
Draft Feasibility Report		\$89,293	\$89,293
Geotechnical Permit Planning & Investigation Plan		\$83,095	\$83,095
DSOD Engagement Plan		\$82,803	\$82,803
Risk Workshop Outcomes TM		\$58,693	\$58,693
Final Feasibility Report (w/o Environmental)		\$37,907	\$37,907
Economic Feasibility		\$0	\$0
10-Fugro		\$2,079,804	\$2,079,804
Geotech		\$2,079,804	\$2,079,804
Task Management-WG/Res Comm/AB		\$938,724	\$938,724
Field Data Collection Work Plan/Cost Estimate		\$656,730	\$656,730
Preliminary Planning for Design		\$484,350	\$484,350
AA-Authority Agents	\$41,805	\$1,415,995	\$1,457,800
Project Controls	\$0	\$276,800	\$276,800
Contract Management		\$200,000	\$200,000
Monthly Board/Res Comm Support	\$0	\$51,200	\$51,200
Accounts Payable and Receivable		\$25,600	\$25,600
Real Estate	\$20,800	\$187,200	\$208,000
Real Estate Landowner Coordination	\$20,800	\$187,200	\$208,000
Communications	\$21,005	\$186,795	\$207,800
Government Affairs WP 2021	\$15,700	\$140,150	\$155,850
Government Affairs WP 2020	\$5,305	\$46,645	\$51,950
Permitting		\$164,000	\$164,000

Firm/Subject Area	Authority Board	Reservoir Committee	Total
Biological Assessment/Biological Opinion Support		\$32,800	\$32,800
Clean Water Act 404/401 Permit Applications		\$20,500	\$20,500
Section 106 Programmatic Agreement		\$20,500	\$20,500
Water Right Application		\$20,500	\$20,500
ITP-Section 2081 Permit-Operations Application		\$16,400	\$16,400
Mitigation Plan		\$13,120	\$13,120
ITP-Section 2081 Permit- Construction Application		\$12,300	\$12,300
Adaptive Management Plan		\$9,020	\$9,020
Section 408 Draft Packet		\$8,200	\$8,200
Geotechnical Field Monitoring		\$6,560	\$6,560
Focused Species Surveys		\$4,100	\$4,100
Modeling		\$164,000	\$164,000
Full Operations Analysis		\$82,000	\$82,000
Term Sheets for Key Operations Agreements		\$41,000	\$41,000
Operations Plan, Version 1		\$41,000	\$41,000
Environmental Planning		\$164,000	\$164,000
Revised Admin Draft EIR/EIS		\$61,500	\$61,500
Begin Preparation of Admin Final EIR/EIS		\$30,750	\$30,750
Response to Comments/Summary Report for CWC		\$20,500	\$20,500
Public Review Period/Public Meetings		\$20,500	\$20,500
Draft EIR/EIS Project Description Chapter		\$20,500	\$20,500
Revised Public Draft EIR/EIS		\$10,250	\$10,250
Management		\$145,600	\$145,600
Project Management		\$145,600	\$145,600
Engineering		\$70,000	\$70,000
Risk Workshop Outcomes TM		\$70,000	\$70,000
Growth		\$32,000	\$32,000
Successor Agreement		\$32,000	\$32,000
Organizational Assessment		\$0	\$0
Funding		\$25,600	\$25,600
State Invoice/Progress Reports & Quarterly Reports		\$25,600	\$25,600
AE-Authority Ex Director		\$583,000	\$583,000
Management		\$545,000	\$545,000
Executive Director		\$545,000	\$545,000
Growth		\$38,000	\$38,000
Successor Agreement		\$38,000	\$38,000
OP-Auditor	\$12,400		\$12,400
Funding	\$12,400		\$12,400
State Invoice/Progress Reports & Quarterly Reports	\$12,400		\$12,400
Project Controls	\$0		\$0
Accounts Payable and Receivable	\$0		\$0
OP-Board Clerk	\$19,200	\$76,800	\$96,000
Project Controls	\$19,200	\$76,800	\$96,000
Monthly Board/Res Comm Support	\$19,200	\$76,800	\$96,000
OP-Ferguson Group	\$120,000	\$120,000	\$240,000
Communications	\$120,000	\$120,000	\$240,000
Government Affairs WP 2021	\$90,000	\$90,000	\$180,000
Government Affairs WP 2020	\$30,000	\$30,000	\$60,000
OP-Gary Darling		\$25,000	\$25,000
Growth		\$25,000	\$25,000
Organizational Assessment		\$25,000	\$25,000
OP-Jerry Johns		\$14,000	\$14,000
Permitting		\$14,000	\$14,000
Water Right Application		\$14,000	\$14,000
OP-K-Coe Isom LLP	\$16,000	\$64,000	\$80,000
Project Controls	\$16,000	\$64,000	\$80,000
Accounts Payable and Receivable	\$16,000	\$64,000	\$80,000
OP-Keith Dunn	\$64,000	\$64,000	\$128,000

Firm/Subject Area	Authority Board	Reservoir Committee	Total
Communications	\$64,000	\$64,000	\$128,000
Government Affairs WP 2021	\$48,000	\$48,000	\$96,000
Government Affairs WP 2020	\$16,000	\$16,000	\$32,000
OP-MBK Engineers		\$650,000	\$650,000
Permitting		\$650,000	\$650,000
Water Right Application		\$650,000	\$650,000
OP-MDA		\$250,000	\$250,000
Growth		\$250,000	\$250,000
Plan of Finance		\$250,000	\$250,000
OP-Stradling		\$50,000	\$50,000
Growth		\$50,000	\$50,000
Successor Agreement		\$50,000	\$50,000
OP-Strategic Planner		\$50,000	\$50,000
Management		\$50,000	\$50,000
Strategic Planner		\$50,000	\$50,000
OP-Wiseman		\$15,000	\$15,000
Real Estate		\$15,000	\$15,000
Real Estate Landowner Coordination		\$15,000	\$15,000
VE-ACWA	\$10,700	\$14,000	\$24,700
Support	\$10,700	\$14,000	\$24,700
Business Management Vendors	\$10,700	\$14,000	\$24,700
VE-Other		\$1,466,992	\$1,466,992
Growth		\$1,211,242	\$1,211,242
Plan of Finance		\$1,211,242	\$1,211,242
Support		\$225,000	\$225,000
Business Management Vendors		\$225,000	\$225,000
Environmental Planning		\$30,750	\$30,750
Begin Preparation of Admin Final EIR/EIS		\$20,500	\$20,500
Task Management-WG/Res Comm/AB		\$10,250	\$10,250
Response to Comments/Summary Report for CWC		\$0	\$0
Modeling		\$0	\$0
Full Operations Analysis		\$0	\$0
VE-Permit Fees		\$2,610,000	\$2,610,000
Early Mitigation		\$1,500,000	\$1,500,000
Summary Report for Early Mitigation/Geotech Mitigation		\$1,500,000	\$1,500,000
Engineering		\$610,000	\$610,000
DSOD Engagement Plan		\$500,000	\$500,000
Environmental Feasibility Support		\$110,000	\$110,000
Permitting		\$400,000	\$400,000
Task Management-WG/Res Comm/AB		\$400,000	\$400,000
ITP-Section 2081 Permit- Construction Application		\$0	\$0
ITP-Section 2081 Permit-Operations Application		\$0	\$0
Clean Water Act 404/401 Permit Applications		\$0	\$0
Real Estate		\$100,000	\$100,000
Real Estate Landowner Coordination		\$100,000	\$100,000
VE-Rent	\$96,000		\$96,000
Support	\$96,000		\$96,000
Business Management	\$96,000		\$96,000
VE-JPIA Insurance	\$1,700		\$1,700
Support	\$1,700		\$1,700
Business Management Vendors	\$1,700		\$1,700
OP-Perkins Coie		\$1,250,000	\$1,250,000
Permitting		\$650,000	\$650,000
Clean Water Act 404/401 Permit Applications		\$260,000	\$260,000
Biological Assessment/Biological Opinion Support		\$195,000	\$195,000
ITP-Section 2081 Permit- Construction Application		\$130,000	\$130,000
Section 106 Programmatic Agreement		\$65,000	\$65,000
Environmental Planning		\$600,000	\$600,000

Firm/Subject Area	Authority Board	Reservoir Committee	Total
Revised Admin Draft EIR/EIS		\$350,000	\$350,000
Revised Public Draft EIR/EIS		\$90,000	\$90,000
Draft EIR/EIS Project Description Chapter		\$60,000	\$60,000
Begin Preparation of Admin Final EIR/EIS		\$50,000	\$50,000
Response to Comments/Summary Report for CWC		\$50,000	\$50,000
OP-Water Rights Attorney	\$240,000	\$195,000	\$435,000
Support	\$240,000		\$240,000
Legal Counsel	\$240,000		\$240,000
Permitting		\$195,000	\$195,000
Water Right Application		\$195,000	\$195,000
Total	\$621,805	\$32,870,389	\$33,492,194

Attachment C – Critical Path Schedule

Sites Reservoir Project

Date: 04-Aug-20

Activity ID	Activity Name	Ori Dur	Start	Finish	2020												2021											
					F	Mar	Apr	M	Jun	Jul	Aug	S	Oct	N	D	Jan	F	Mar	Apr	M	Jun	Jul	Aug	S	Oct	N	D	
ITP - CESA (Se 2081) Construction																												
CES-010	Initial Desktop Analysis	30	01-Oct-20	11-Nov-20																								
CES-015	Aquatic Resources Mapping and Reporting	30	12-Nov-20	28-Dec-20																								
CES-020	Delineation Depot aned Focused Species Survey	30	12-Nov-20	28-Dec-20																								
CES-025	Mitigation Planning	30	29-Dec-20	09-Feb-21																								
CES-030	Prepare Draft ITP Application Construction	60	01-Jun-21	24-Aug-21																								
CES-040	Legal Review of Draft ITP App	30	25-Aug-21	23-Sep-21																								
CES-060	Work Group Review of Draft ITP App	30	25-Aug-21	23-Sep-21																								
CES-070	Revise Draft ITP Application Construction	20	23-Sep-21	21-Oct-21																								
CES-080	Authority Board Approval of ITP App	30	21-Oct-21	06-Dec-21																								
CES-090	Submit ITP Application to CDFW	0	07-Dec-21	07-Dec-21																								
Section 106																												
106-000	Confirmation of Section 106 Federal Lead Agency	0		08-Sep-20																								
106-001	Prepare SHPO Initiation Package	20	01-Sep-20	29-Sep-20																								
106-002	Authority/Reclamation/Integration Reviews	10	30-Sep-20	13-Oct-20																								
106-003	Management/Work Group Reviews	10	14-Oct-20	27-Oct-20																								
106-004	Revisions	10	28-Oct-20	10-Nov-20																								
106-005	Reclamation Submits to SHPO	0		17-Nov-20																								
106-006	SHPO Review and Comments	30	18-Nov-20	17-Dec-20																								
106-021	Prepare Consultation Information Package	15	17-Dec-20	11-Jan-21																								
106-022	Authority/Reclamation/Integration Reviews	10	11-Jan-21	25-Jan-21																								
106-023	Management/Work Group Reviews	10	25-Jan-21	08-Feb-21																								
106-024	Revisions	10	08-Feb-21	22-Feb-21																								
106-025	Reclamation Distributes to SHPO and Invited Consulting Parties	5	22-Feb-21	01-Mar-21																								
106-026	Parties Accept Invitation for Consulting Party Status	30	02-Mar-21	31-Mar-21																								
106-032	Arrange Meeting Logistics and Prepare Materials	20	22-Feb-21	22-Mar-21																								
106-033	Conduct Meetings	10	01-Mar-21	15-Mar-21																								
106-042	Authority/Reclamation/Integration Reviews	10	30-Mar-21	13-Apr-21																								
106-043	Management/Work Group Reviews	10	13-Apr-21	27-Apr-21																								
106-044	Revisions	10	27-Apr-21	11-May-21																								
106-052	Circulate Draft PA to SHPO and Consulting Parties	5	27-Apr-21	04-May-21																								
106-053	Deadline for Comments on Draft PA	30	05-May-21	03-Jun-21																								
106-061	Prepare Draft Final PA	20	03-Jun-21	01-Jul-21																								
106-062	Authority/Reclamation/Integration Reviews	10	01-Jul-21	16-Jul-21																								
106-063	Management/Work Group Reviews	10	16-Jul-21	30-Jul-21																								
106-064	Revisions	10	30-Jul-21	13-Aug-21																								
106-071	Consult with SHPO and Consulting Parties on Draft Final PA	24	13-Aug-21	17-Sep-21																								
106-072	Circulate Draft Final PA to SHPO and Consulting Parties	5	13-Aug-21	20-Aug-21																								
106-073	Deadline for Comments on Draft Final PA	30	21-Aug-21	19-Sep-21																								
106-081	Prepare Final PA	15	20-Sep-21	08-Oct-21																								
106-082	Authority/Reclamation/Integration Reviews	10	11-Oct-21	22-Oct-21																								
106-083	Management/Work Group Reviews	10	25-Oct-21	05-Nov-21																								
106-084	Revisions	10	08-Nov-21	19-Nov-21																								
106-091	Consult with SHPO and Consulting Parties on Final PA	5	22-Nov-21	30-Nov-21																								
106-092	Circulate Final PA to SHPO and Consulting Parties for Signatures	5	22-Nov-21	30-Nov-21																								
106-093	Deadline for Signatures on Final PA	0		02-Dec-21																								
Water Rights																												
WR-005	Water Availability Analysis & Planning/Coordination with SWRCB	210	01-Sep-20	29-Jun-21																								

█ Actual Work
 █ Critical Remaining Work
 █ Remaining Work
 ◆ Critical Milestone
 █ Cal Days
 ◆ Milestone
 ▶ Summary

Amendment 2 Work Plan Schedule

Sites Reservoir Project

Date: 04-Aug-20

Activity ID	Activity Name	Ori Dur	Start	Finish	2020												2021											
					F	Mar	Apr	M	Jun	Jul	Aug	S	Oct	N	D	Jan	F	Mar	Apr	M	Jun	Jul	Aug	S	Oct	N	D	
PROP 1																												
CWC Feasibility Review																												
CWC-391	Release for CWC Review Pkg 1: Engineering	0		23-Jul-21																								
CWC-393	Release for CWC Review Pkg 2: Economic and Finance	0		01-Apr-21																								
CWC-396	Release for CWC Review Pkg 3: Environmental with Res Ops	0		03-Dec-21																								
CWC-397	CWC Review Pkg 1: Engineering	30	26-Jul-21	03-Sep-21																								
CWC-407	CWC Review Pkg 2: Economic and Finance	30	02-Apr-21	13-May-21																								
CWC-417	CWC Review Pkg 3: Environmental with Res Ops	8	06-Dec-21	15-Dec-21																								
Revised Public Benefits																												
CWC-420	Provide CWC with Revised Public Benefits	0		23-Oct-20																								
CWC Review of Public Draft EIR/EIS																												
CWC-450	CWC Public Review Draft EIR/EIS	30	16-Jul-21	26-Aug-21																								
CWC Determination																												
CWC-500	State Determination of Feasibility	0		15-Dec-21*																								
PROJECT OPERATIONS AND FINANCES																												
REAL ESTATE																												
RE-210	Real Estate Landowner Coordination	338	01-Sep-20	31-Dec-21																								
COMMUNICATIONS & GOVERNMENT AFFAIRS																												
GS-20	Government Affairs Work Plan 2020	84	01-Sep-20	31-Dec-20																								
GS-30	Government Affairs Work Plan 2021	254	04-Jan-21	31-Dec-21																								
GS-C50	Outreach Support	338	01-Sep-20	31-Dec-21																								
GS-C51	Strategic Communications and Message Development	338	01-Sep-20	31-Dec-21																								
GS-C52	Informational Materials and Media	338	01-Sep-20	31-Dec-21																								
GS-C54	Environmental Process Public Involvement Support	338	01-Sep-20	31-Dec-21																								
FUNDING																												
FF-020	Funding Agreement Administration	338	01-Sep-20	31-Dec-21																								
FF-030	Federal Loan Application	234	01-Feb-21*	31-Dec-21																								
REC-010	Reclamation Coordination	338	01-Sep-20	31-Dec-21																								
SF-010	State Funding Agreement Administration	338	01-Sep-20	31-Dec-21																								
WL-005	Prepare Initial Loan Application	60	05-Jan-21	29-Mar-21																								
WL-010	Review Loan Application	35	30-Mar-21	17-May-21																								
WL-015	Prepare Loan Application for Facilities	30	18-May-21	29-Jun-21																								
Local Funding																												
INV-010	CWC Invoicing Amend 2	338	01-Sep-20	31-Dec-21																								
REP-010	Quarterly Reporting Amend 2	338	01-Sep-20	31-Dec-21																								
WIFIA Loan Application																												
WL-00-010	WIFIA Loan Application	125	05-Jan-21	29-Jun-21																								
GROWTH																												
POF-002	Plan of Finance (Fin Feas)	0	01-Mar-21*																									
POF-004	Plan of Finance (WIFIA Loan)	0	01-Apr-21*																									
POF-006	WIFIA/LOI	0	30-Jun-21*																									
POF-008	Plan of Finance (Home Board Pkg)	0		02-Aug-21*																								
Plan of Finance																												
Project Financing Work Plan																												
POF-010	Project Financing Work Plan	18	01-Sep-20	25-Sep-20																								
POF-020	Internal Workshop - Financing the Work Plan	1	28-Sep-20	28-Sep-20																								

■ Actual Work
 ■ Critical Remaining Work
 ◆ Critical Milestone
 ■ Cal Days
 Remaining Work
 ◆ Milestone
 Summary

Amendment 2 Work Plan Schedule

Attachment D – Budgets Pending Commitments

Attachment D – Budgets Pending Commitments

Service Areas - Subject Area - Tasks	WP Estimate
OP-Gary Darling	\$25,000
Growth	\$25,000
OP- Organizational Assessment	\$25,000
OP-Jerry Johns	\$14,000
Permitting	\$14,000
OP- Water Right Application	\$14,000
OP-MBK Engineers	\$650,000
Permitting	\$650,000
OP- Water Right Application	\$650,000
OP-MDA	\$250,000
Growth	\$250,000
OP- Plan of Finance	\$250,000
OP-Perkins Coie	\$1,250,000
Permitting	\$650,000
OP- Biological Assessment/Biological Opinion Support	\$195,000
OP- Clean Water Act 404/401 Permit Applications	\$260,000
OP- ITP-Section 2081 Permit- Construction Application	\$130,000
OP- Section 106 Programmatic Agreement	\$65,000
Environmental	\$600,000
OP- Admin Final EIR/EIS Response to Comments	\$50,000
OP- Draft EIR/EIS Project Description Chapter	\$60,000
OP- Response to Comments/Summary Report for CWC	\$50,000
OP- Revised Admin Draft EIR/EIS	\$350,000
OP- Revised Public Draft EIR/EIS	\$90,000
OP-Young Wooldridge	\$435,000
Support	\$240,000
OP- Legal Counsel	\$240,000
Permitting	\$195,000
OP- Water Right Application	\$195,000
OP-Bond Counsel2	\$50,000
Growth	\$50,000
OP- Successor Agreement	\$50,000
Grand Total	\$2,674,000

Amendment 2 Work Plan Variance Report

Introduction

The below revenue by source and expense by subject area variance tables represent the relative change in work plan budgets from the Amendment 2 Work Plan Revision B approved in April 2020 to Revision D being considered in August 2020.

Table 1. Revenue by Source Variances

Revenue Source	Work Plan Rev B	Work Plan Rev D	Variance	Comment
Projected Cash On Hand	\$750,000	\$4,566,000	\$3,816,000	Higher Amendment 1B carryover due to underspend, improved Prop 1 timing, and higher starting balance after 2019 close-out (previously communicated as part of COVID response)
Cash Calls	\$19,200,000	\$19,289,200	\$89,200	Removed rounding
Authority Board	\$500,000	\$500,000	\$0	No change
Federal (WIIN Act) Funding	\$4,000,000	\$3,000,000	(\$1,000,000)	Geotech work to be performed by Reclamation (in-kind services) reduces direct award to Sites.
Projected State (Prop 1)	\$7,300,000	\$9,010,000	\$1,710,000	Release of retention was not included in original plan and reallocation of EFA budget allows recovery of PM task earlier than prior estimates. These changes are contractual and certain as long as local funding sources exist. State revenues may be as high as 50% of local and federal funds spent, however to be conservative an amount of underspend from local funds has been assumed for planning purposes.
Total	\$31,750,000	\$36,365,200	\$4,615,200	

Amendment 2 Work Plan Variance Report

Table 2. Expenses by Subject Area Variances

Subject Area	Work Plan Rev B	Work Plan Rev D	Variance	Comment
Permitting	\$7,569,000	\$7,508,171	\$60,829	In general, costs in the revised work plan are within 1% variance of those in the original work plan.
Engineering	\$4,940,500	\$6,586,393	(\$1,645,893)	See Note 1
Environmental Planning	\$4,331,800	\$4,637,604	(\$305,804)	As part of their Amendment 1B efforts, ICF prepared and the Authority staff reviewed and accepted a work plan that outlines the approach to revisions to the 2017 Draft EIR/EIS to prepare the Revised EIR/Supplemental EIS. ICF's approach identifies, among other things, a robust effort to complete additional analyses and documentation to address the comments on the 2017 Draft EIR/EIS in the Revised EIR/Supplemental EIS. In general, the robust approach for development of the Revised EIR/EIS has resulted in higher than expected costs for this task.
Geotechnical	\$2,543,800	\$2,118,268	\$425,532	The reduction in geotechnical budget is less than the \$1M in-kind services that was anticipated to be offset by Reclamation's field data collection efforts (as part of their FY2019/2020 WIIN appropriations) because the scope for field data collection expanded since April 2020, and some of the field services are still being performed by Fugro such as: traffic control, dust control, preparation of field logs, geologic mapping, geomorphic study, sediment and alluvium study, and ensuring local encroachment permit conditions are met. Overall, the services to be

Amendment 2 Work Plan Variance Report

Subject Area	Work Plan Rev B	Work Plan Rev D	Variance	Comment
				performed by Reclamation and Fugro will result in an overall geotechnical budget savings of \$428k.
Early Mitigation	\$2,500,000	\$1,500,000	\$1,000,000	Reduction in anticipated early mitigation and permit fees.
Operations Modeling	\$2,146,200	\$2,580,293	(\$434,093)	The original work plan cost estimate accounted for and assumed the modeling necessary to complete the Revised EIR/Supplemental EIS and permitting activities. After the original work plan was prepared and through a number of discussions with the various project teams / service areas, it became clear that the modeling completed for the WSIP application would also need to be revised as the project has changed so substantially from Alternative D. The California Water Commission (CWC) has specific requirements in their regulations on how this modeling is to be completed. As such, the modeling efforts for the Revised EIR/Supplemental EIS generally will not meet the CWC's WSIP requirements for the Sites Feasibility Study. The modeling and documentation efforts to meet the CWC's requirements for the Sites Feasibility Study added over \$400k to this effort, comprising the entire variance. It is important to note that this modeling will also be the basis of the required Proposition 1 benefits agreements with the California Department of Fish and Wildlife for environmental benefits and with the California Department of Water Resources for flood control and recreation benefits. Authority

Amendment 2 Work Plan Variance Report

Subject Area	Work Plan Rev B	Work Plan Rev D	Variance	Comment
				Staff are continuing to meet with CWC to ease admin burden of Prop 1 1/1/2022 deadline criteria.
Project Controls	\$2,156,800	\$1,796,909	\$359,891	Shifted priority to funding agreement administration and development of policies, procedures. Does include increased contract administration support.
Management	\$1,622,600	\$1,137,287	\$485,313	Reduced GM position
Growth	\$1,022,400	\$2,119,693	(\$1,097,293)	Added \$1.5M placeholder budget for Terms and Conditions of Participation, water service contract, and plan of finance.
Comms	\$975,800	\$975,800	\$0	
Funding	\$705,600	\$1,045,422	(\$339,822)	Refocused controls efforts on funding policies and procedures and funding agreement administration. This amount is offset by the reduction in project controls.
Support	\$800,400	\$915,950	(\$115,550)	Rent increase at the Sacramento satellite office and additional IT/GIS support
Real Estate	\$383,000	\$570,404	(\$187,404)	The amount of landowner and real estate coordination is greater than was previously expected to address the value planning project. There has also been a lot of effort to coordinate the engineering, geotech and environmental needs. Also, there is additional work being done on the real estate GIS tools to address Yolo County and greater detail in the existing tool.
Total	\$31,697,900	\$33,492,194	(\$1,794,294)	

Note 1

Amendment 2 Work Plan Variance Report

Refinements of project understanding through coordination and input from TCCA, GCID, PG&E, WAPA, the real estate team, and the environmental team since April 2020 necessitated the engineering team to add a significant amount of new scope in advancing feasibility design to support environmental analysis, preparation of documentation for State (WSIP) determination of project feasibility, and cost/affordability certainty. The new scopes and justification for efforts include:

DWR, Division of Safety of Dams (DSOD) applications fee for engagement, \$500,000

- DWR DSOD concurrence of jurisdictional project features are required for project acceptance. Engagement to secure approvals of the geotechnical investigation work plan and design criteria/dam type selection prior to preliminary engineering will assist with expediting reviews and project acceptance. The risks associated with delaying engagement with DWR DSOD to future project phases include project schedule delays and has impacts to cost/affordability certainty. Design assumptions without DSOD input and/or validation may impact project feasibility design and can potentially require re-work.

PG&E and WAPA application fees for engagement with power transmission and delivery providers, \$110,000

- Engagement with PG&E and WAPA is required to assist with project feasibility design. Application fees are required by both providers to begin consultation and evaluation of existing facilities to accommodate project needs. The design team is unable to sufficiently support and inform the environmental analysis without this information; lack of information will also impact documentation support for the State feasibility determination, and project affordability certainty.

Conduct emergency release flood modeling (HC50.3), \$114,082

- This modeling effort is required to identify the extent of impacts due to reservoir emergency drawdown and flood release scenarios. Results from this model is required to inform project environmental analysis and project cost certainty.

Re-evaluation of improvements at TRR and Funks Reservoir (HC58.1 & HC58.2), \$621,261

- Review of historical data and additional coordination and input from TCCA and GCID since April 2020 has resulted in re-evaluating TRR and Funks Reservoir improvements to reduce project cost and improve affordability certainty. Feasibility engineering re-evaluation will be required to inform environmental analysis and permit ability.

Power transmission and delivery analysis/design (HC58.3 & HC58.4), \$391,501

Amendment 2 Work Plan Variance Report

- Studies to be prepared as part of the engagement effort with PG&E and WAPA will inform the engineering team of design requirements for project power transmission and delivery facilities. Additional feasibility design is required to support the environmental analysis and project cost certainty.

Analysis/design of new conveyance features including Funks and TRR pipeline & Pump Generating Plant (PGP), Dunnigan pipeline, TCCA & GCID facility improvements (HC58.5 & HC58.6), \$916,166

- Funks and TRR pipeline & PGP feasibility design to support environmental analysis is required due to updated project approach for re-evaluating improvements at TRR and Funks Reservoir as mentioned above. This task will inform environmental analysis and improve project cost/affordability certainty.
- Coordination and input from landowners and RD108 since April 2020 resulted in re-evaluating the Dunnigan pipeline alignment to reduce environmental and landowner impacts. Re-alignment and feasibility engineering will support project environmental analysis and permit ability certainty.
- Coordination and input from TCCA and GCID since April 2020 resulted in clarifications for improvement needs of existing agency facilities to accommodate project needs. This new task is required to complete project feasibility design to inform environmental analysis, permit ability, cost and affordability certainty.

While the above new scopes are estimated at over 2.65M, the overall engineering variance is about \$1.84M due to estimated efficiencies and cost savings that the team was able to identify in other tasks. The engineering team believes the above scope is required to inform and support environmental analysis, preparation of documentation for State feasibility determination, obtain a better sense of project cost/affordability certainty.

Exhibit B Reservoir Committee 2020 and 2021 Work Plan

Reservoir Committee Annual Budget for FY 2020 and FY 2021 (\$000)

Work Plan	Subject Area	2020	2021	Total
Revenue	Participation Revenue	\$11,474	\$7,666	\$19,139
	Federal Revenue	\$0	\$3,000	\$3,000
	State Revenue	\$3,895	\$5,115	\$9,010
	Cash On Hand	\$4,566	\$0	\$4,566
Revenue Total		\$19,935	\$15,781	\$35,716
Expenses	Environmental Planning	(\$2,223)	(\$2,414)	(\$4,638)
	Operations Modeling	(\$1,224)	(\$1,357)	(\$2,580)
	Geotechnical	(\$726)	(\$1,392)	(\$2,118)
	Engineering	(\$4,670)	(\$1,916)	(\$6,586)
	Real Estate	(\$142)	(\$429)	(\$570)
	Communications	(\$243)	(\$732)	(\$976)
	Project Controls	(\$537)	(\$1,509)	(\$2,047)
	Funding	(\$481)	(\$315)	(\$796)
	Growth	(\$800)	(\$1,320)	(\$2,120)
	Management	(\$283)	(\$855)	(\$1,137)
	Support	(\$216)	(\$700)	(\$916)
	Permitting	(\$2,398)	(\$5,110)	(\$7,508)
	Early Mitigation	(\$208)	(\$1,292)	(\$1,500)
Expenses Total		(\$14,151)	(\$19,341)	(\$33,492)
Grand Total		\$5,783	(\$3,560)	\$2,223

Amendment 2 Budget by Month (\$000s)

Reservoir Committee Work Plan Summary

Phase 2	Sep 20	Oct 20	Nov 20	Dec 20	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Oct 21	Sep 21	Nov 21	Dec 21	Total	
Revenue																		
Cash On Hand	\$4,566																	\$4,566
Participation Revenue	\$0	\$0	\$11,474	\$0	\$0	\$0	\$0	\$7,316	\$0	\$0	\$350	\$0	\$0	\$0	\$0	\$0	\$0	\$19,139
Federal Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000	\$0	\$0	\$0	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000
State Revenue	\$2,000	\$938	\$0	\$958	\$0	\$1,787	\$0	\$0	\$1,215	\$0	\$0	\$618	\$0	\$947	\$549	\$0	\$0	\$9,010
Revenue Total	\$6,566	\$938	\$11,474	\$958	\$0	\$1,787	\$2,000	\$7,316	\$1,215	\$0	\$1,350	\$618	\$0	\$947	\$549	\$0	\$0	\$35,716
Expenses																		
Permitting	(\$410)	(\$469)	(\$671)	(\$847)	(\$581)	(\$594)	(\$554)	(\$429)	(\$527)	(\$566)	(\$317)	(\$325)	(\$344)	(\$349)	(\$324)	(\$200)	(\$200)	(\$7,508)
Early Mitigation	\$0	\$0	(\$97)	(\$112)	(\$102)	(\$102)	(\$117)	(\$112)	(\$102)	(\$112)	(\$107)	(\$112)	(\$107)	(\$107)	(\$102)	(\$112)	(\$112)	(\$1,500)
Environmental Planning	(\$569)	(\$578)	(\$499)	(\$578)	(\$526)	(\$526)	(\$239)	(\$76)	(\$69)	(\$76)	(\$73)	(\$89)	(\$243)	(\$268)	(\$191)	(\$40)	(\$40)	(\$4,638)
Operations Modeling	(\$385)	(\$420)	(\$202)	(\$217)	(\$214)	(\$477)	(\$201)	(\$169)	(\$46)	(\$41)	(\$39)	(\$41)	(\$39)	(\$39)	(\$37)	(\$14)	(\$14)	(\$2,580)
Engineering	(\$968)	(\$1,912)	(\$995)	(\$796)	(\$245)	(\$276)	(\$420)	(\$201)	(\$130)	(\$179)	(\$61)	(\$84)	(\$80)	(\$80)	(\$130)	(\$31)	(\$31)	(\$6,586)
Geotechnical	(\$66)	(\$69)	(\$301)	(\$290)	(\$284)	(\$284)	(\$318)	(\$118)	(\$107)	(\$70)	(\$67)	(\$30)	(\$29)	(\$29)	(\$27)	(\$30)	(\$30)	(\$2,118)
Real Estate	(\$35)	(\$37)	(\$32)	(\$37)	(\$34)	(\$34)	(\$39)	(\$37)	(\$34)	(\$37)	(\$35)	(\$37)	(\$35)	(\$35)	(\$34)	(\$37)	(\$37)	(\$570)
Communications	(\$61)	(\$64)	(\$55)	(\$64)	(\$58)	(\$58)	(\$66)	(\$63)	(\$58)	(\$63)	(\$61)	(\$63)	(\$61)	(\$61)	(\$58)	(\$63)	(\$63)	(\$976)
Project Controls	(\$200)	(\$118)	(\$102)	(\$118)	(\$107)	(\$107)	(\$123)	(\$118)	(\$107)	(\$118)	(\$137)	(\$144)	(\$137)	(\$137)	(\$131)	(\$144)	(\$144)	(\$2,047)
Funding	(\$119)	(\$125)	(\$108)	(\$130)	(\$31)	(\$35)	(\$41)	(\$33)	(\$30)	(\$33)	(\$18)	(\$19)	(\$18)	(\$18)	(\$17)	(\$19)	(\$19)	(\$796)
Growth	(\$406)	(\$145)	(\$116)	(\$134)	(\$75)	(\$75)	(\$86)	(\$106)	(\$101)	(\$112)	(\$107)	(\$142)	(\$146)	(\$165)	(\$130)	(\$74)	(\$74)	(\$2,120)
Management	(\$71)	(\$74)	(\$64)	(\$74)	(\$67)	(\$67)	(\$77)	(\$74)	(\$67)	(\$74)	(\$71)	(\$74)	(\$71)	(\$71)	(\$67)	(\$74)	(\$74)	(\$1,137)
Support	(\$54)	(\$56)	(\$49)	(\$56)	(\$52)	(\$58)	(\$67)	(\$64)	(\$58)	(\$64)	(\$61)	(\$58)	(\$54)	(\$54)	(\$51)	(\$56)	(\$56)	(\$916)
Expenses Total	(\$3,343)	(\$4,067)	(\$3,289)	(\$3,453)	(\$2,377)	(\$2,693)	(\$2,347)	(\$1,600)	(\$1,437)	(\$1,543)	(\$1,154)	(\$1,219)	(\$1,364)	(\$1,413)	(\$1,300)	(\$894)	(\$894)	(\$33,492)



Topic: **Reservoir Committee Agenda Item 2-1.1**

2020 August 21

Subject: **Task Order for Professional Services (HDR Engineers, Inc.)**

Requested Action:

Consider approval of a recommendation to the Sites Project Authority and approve HDR Engineers, Inc.'s (Project Integration) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$4,342,136 for the period of September 1, 2020 through December 31, 2021.

Detailed Description/Background:

On April 17, 2020 the Reservoir Committee approved a work plan for the Amendment 2 period of performance September 1, 2020 through December 31, 2021 which included Project Integration services. HDR has satisfactorily performed these services for the Authority since 2019. The below summary of the scope of services contained in the proposed HDR's Task Order No. 3 was negotiated and is recommended by the Authority Agent's to achieve the required deliverables and milestones for Amendment 2.

The scope contains the following tasks:

- **Operations Simulation Modeling Integration:** Coordinating the operations modeling activities with the environmental and engineering teams to ensure a coordinated approach to the modeling. This task also includes acting as the consultant lead for operating agreements with DWR and Reclamation, working with the modeling team to re-assess the state, federal, and local benefits for the CWC Feasibility Study based on the Value Planning project, and updating the reservoir operations plan and the storage policy. (\$321,730)
- **Environmental Planning Integration:** Integration efforts needed to support the Authority in compliance with the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA). Primary activities include working with the Service Area E contractor (Environmental Service Provider) to facilitate the successful completion of their scope of work, leading coordination with Reclamation on the EIS, serving as an extension of staff to the Authority, providing support to the EPP and the Authority as needed. This scope will be achieved through working closely with all service providers and other parties in order to obtain critical information, coordinate additional technical expertise as needed and provide guidance needed to complete a CEQA/NEPA Supplemental Draft EIR/EIS in July 2021 and additional efforts to support a finding of environmental feasibility by the California Water Commission (CWC) in December 2021. (\$832,095)

- **Permitting & Agreements Integration:** Integration efforts needed to support the Authority in compliance with the State and Federal Endangered Species Acts, Clean Water Act Sections 401, 402 and 404, the Rivers and Harbors Act the Porter-Cologne Water Act, California Water Code, National Historic Preservation Act, California Fish and Game Code Section 1600, and Title 23 of the California Code of Regulations. The permitting integration team will also lead the water rights application process, working closely with the water rights consultant and attorney. Primary activities include working with the Service Area F contractor (Permitting Service Provider) to facilitate the successful completion of their scope of work and to serve as an extension of staff to the Authority, providing support to the EPP Manager and the Authority as needed. (\$1,034,175)
- **Real Estate Integration:** Work associated with land, real estate, right-of-way, and public/landowner engagement considerations in support of the Engineering, Environmental, Permitting, Geotechnical and Communications efforts for the Sites Project. It also includes programmatic real estate development for near-term land access and future land needs, land acquisition, and land management in support of the Authority's objectives as well as the management of the GIS-based right-of-way tool. (\$247,404)
- **Engineering Services Integration:** Coordination with the engineering service providers to provide engineering details for the development of the project description for the environmental documents. It also includes providing overall QA and strategy for the development of the CWC feasibility study. The engineering integration team will also lead a risk workshop and assessment and will lead the development of risk mitigation strategies. (\$708,761)
- **Geology & Geotechnical Engineering Integration:** Coordinating activities and needs between the engineering, environmental planning and permitting service providers. This includes expected field exploration associated with providing data for the CWC feasibility study. (\$38,464)
- **Project Controls Integration:** Work associated with local, state, and federal funding support, task order development and QC, Work planning and scheduling support and ongoing business efforts for the Sites Project. The Consultant team will work closely with the Project Controls service provider to coordinate and support all tasks. (\$429,595)
- **General Integration:** Work associated with general Integration items, including the WIFIA Applications and acting as the primary point of contact for Reclamation's Sites project manager. Work with Reclamation includes coordinating the federal and CWC feasibility studies and post-authorization reports, using federal funds for geotechnical exploration, and working with Reclamation management on obtaining pre-construction and construction funding for the Sites Project. This task is also utilized for other activities that may come up through the duration of the task order. (\$127,202)
- **IT:** Work associated with providing IT support and resources to the entire program, including maintaining the project SharePoint site. This task also includes hosting the virtual reservoir committee and authority board meetings. (\$52,500)

- **GIS:** Work associated with providing GIS support for the Sites Project. This task includes the management, storage and quality control for GIS data. (\$52,500)
- **Document Management:** Work associated with supporting staff in document and data management for the Sites Project. The Document Manager will format files and presentations as needed, will work to organize and store files on the SharePoint site and will help with overall file storage and organization setup. (\$58,800)
- **Staff Support:** Supporting work across the project on an as needed basis, including graphics, figure creation and other miscellaneous needs as requested by Authority Agents. (\$36,750)
- **Project Management:** Work associated with project management and quality control in support of project controls for the Sites Project. (\$274,160)
- **Expenses:** Miscellaneous expenses including Sacramento office rent for the authority agents (\$128,000)

Prior Action:

February 21, 2020: Approved an amendment to HDR Engineers, Inc.'s (Project Integration) contract and task order scope of work, budget, and period of performance.

January 17, 2020: Approved Amendment 1B Work Plan for the period of January 1, 2020 through August 31, 2020 as part of a no cost time extension to the then current Participation Agreement. The Amendment included summary-level descriptions of the deliverables with estimated Reservoir Committee budgets. Each deliverable budget was further defined in the document by the level of effort required to complete each deliverable by consultant for use in developing amended consultant task orders intended to be submitted for approval to the Reservoir Committee and Authority Board in February 2020.

December 19, 2019: Approved a recommendation to the Sites Project Authority to approve an amendment to HDR Engineers, Inc.'s (HDR) (Project Integration) contract period of performance by extending their task order from December 31, 2019 through June 30, 2020 with no change in their cost.

March 22, 2019: Approved a recommendation to the Sites Project Authority to approve the HDR Engineering, Inc. Phase 2 (2019) task order and budget for project integration and management services from April 1, 2019 through December 31, 2019.

January 18, 2019: Delegated responsibility to the Ad Hoc Finance and Economics Work Group to review and consider accepting the terms and conditions and recommending to the Sites Project Authority to approve the agreement negotiated by staff.

November 16, 2018: Approved a recommendation to the Sites Project Authority to accept the evaluation panel's selection of HDR for Service Area A – Project Integration.

August 16, 2018: Approved a recommendation to the Sites Project Authority to the release of the Project Development Support Services RFQ-18-04.

Fiscal Impact/Funding Source:

Sufficient funds are Included in the revised Amendment 2 Work Plan. Consultant activity will be monitored closely to ensure quality, timely deliverables and to ensure a positive project cash balance is always maintained.

Staff Contact:

Joe Trapasso

Attachments:

None.



Topic: **Reservoir Committee Agenda Item 2-1.2** **2020 August 21**

Subject: **Task Order for Professional Services (Brown and Caldwell)**

Requested Action:

Consider approval of a recommendation to the Sites Project Authority and approve Brown and Caldwell's (B&C) (Project Controls) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$2,505,736 for the period of September 1, 2020 through December 31, 2021.

Detailed Description/Background:

On April 17, 2020 the Reservoir Committee approved a work plan for the Amendment 2 period of performance September 1, 2020 through December 31, 2021 which included Project Controls activities. B&C has satisfactorily performed these services for the Authority since 2019. The below summary of the scope of services contained in the proposed B&C's Task Order No. 3 was negotiated and is recommended by the Authority Agent's to achieve the required deliverables and milestones for Amendment 2.

The scope contains the following tasks:

- **Controls:** Delivering project controls for the program including cost accounting, reporting, and project database development. (\$525,511)
- **Contract Administration and Compliance:** Administering governance and funding agreements as well as supporting consultant contract management and any new procurements. Policies to be developed during this work period include procurement of goods and services, delegation of authority, and records retention. (\$273,123)
- **Work Planning and Scheduling:** Maintaining the existing schedule for the planning phase of the Sites Project and developing a master schedule through the completion of construction. The schedule task lead is in the B&C task order for the Amendment 2 work period, not the HDR task order. (\$491,000)
- **Project Administrative Support:** Providing administrative support to the Authority Agent's management of the project. Preparing RC and AB board meeting agendas, materials, notices and meeting support. Providing records management. This work will be performed at the direction of the Authority's Agents. (\$344,532)
- **Project Management Plan:** Development and implementation of program critical procedures required by project funding agreements. Procedures to be developed or changed must either be a) necessary for compliance with existing state and federal funding agreements or b) supported by a business case with a six-month payback period. (\$39,014)

- **Accounts Payable and Receivable Support:** Supporting all Authority accounts payable and receivable for the \$33.7M (expenses) work plan through 2021. (\$114,116)
- **Local Funding:** Supporting the management of local funding including development of the successor Reservoir Committee Participation Agreement and the associated work plan. (\$230,326)
- **State Funding:** Developing procedures, systems, invoices, reports, and exhibits to support state funding requirements to meet the state, Prop 1 (WSIP), revenue goal of \$9M. (\$44,958)
- **Federal Funding:** Developing procedures, systems, invoices, reports, and exhibits to support federal funding requirements to meet the federal, WIIN, revenue goal of \$3M. (\$82,902)
- **Annual Reporting:** Preparing 2020 annual reports (external) for the Authority. (\$21,787)
- **Project Financing:** performing work associated with project financing including developing of the project financing work plan, plan of finance, and financial/economic feasibility support. Full effort not yet budgeted in task order. (\$108,555)
- **Risk Management:** Supporting the Authority with risk management from a controls perspective. (\$5,227)
- **Project Management and Quality Control:** Monitoring and reporting B&C task order budgets, reviewing labor and expense effort, coordinating staffing requirements, and implementing the quality control plan. (\$196,686)
- **Expenses:** Miscellaneous expenses. (\$28,000)

Prior Action:

July 22, 2020: Approved an amendment to Brown and Caldwell's (Project Controls) contract and task order scope of work and budget in the amount of \$31,881 for a new total contract authority of \$1,942,399.

February 21, 2020: Approved an amendment to Brown and Caldwell's (Project Controls) contract and task order scope of work, budget and period of performance.

January 17, 2020: Approved Amendment 1B Work Plan for the period of January 1, 2020 through August 31, 2020 as part of a no cost time extension to the then current Participation Agreement. The Amendment included summary-level descriptions of the deliverables with estimated Reservoir Committee budgets. Each deliverable budget was further defined in the document by the level of effort required to complete each deliverable by consultant for use in developing amended consultant task orders intended to be submitted for approval to the Reservoir Committee and Authority Board in February 2020.

December 19, 2019: Approved a recommendation to the Sites Project Authority to approve an amendment to Brown and Caldwell's (Project Controls) contract

period of performance by extending their task order from December 31, 2019 through June 30, 2020 with no change in their cost.

March 22, 2019: Approved a recommendation to the Sites Project Authority to approve the Brown and Caldwell Phase 2 (2019) task order and budget for project controls services from April 1, 2019 through December 31, 2019.

January 18, 2019: Delegated responsibility to the Ad Hoc Finance and Economics Work Group to review and consider accepting the terms and conditions and recommending to the Sites Project Authority to approve the agreement negotiated by staff.

November 16, 2018: Approved a recommendation to the Sites Project Authority to accept the evaluation panel's selection of B&C for Service Area B – Project Controls.

August 16, 2018: Approved a recommendation to the Sites Project Authority to release of the Project Development Support Services RFQ-18-04.

Fiscal Impact/Funding Source:

Sufficient funds are Included in the revised Amendment 2 Work Plan. Consultant activity will be monitored closely to ensure quality, timely deliverables and to ensure a positive project cash balance is always maintained.

Staff Contact:

Joe Trapasso

Attachments:

None.



Topic: **Reservoir Committee Agenda Item 2-1.3**

2020 August 21

Subject: **Task Order for Professional Services (Katz and Associates, Inc.)**

Requested Action:

Consider approval of a recommendation to the Sites Project Authority and approve Katz and Associates' (Katz) (Communications) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$400,000 for the period of September 1, 2020 through December 31, 2021.

Detailed Description/Background:

On April 17, 2020 the Reservoir Committee approved a work plan for the Amendment 2 period of performance September 1, 2020 through December 31, 2021 which included communication activities. Katz has satisfactorily performed these services for the Authority since 2019. The below summary of the scope of services contained in the proposed Katz Task Order No. 3 was negotiated and is recommended by the Authority Agent's to achieve the required deliverables and milestones for Amendment 2.

The scope contains the following tasks:

- **Outreach Support (Local, State, Industry and Non-Governmental Organization [NGO]):** Support outreach activities and engagement with landowners, local agencies/organizations, stakeholders, NGO's and the general public. (\$120,000)
- **Strategic Communications and Message Development:** Strategic counsel and communications planning support for the project including message development and strategy, message platform refinement, risk communications and communications training. (\$59,998)
- **Informational materials and Media:** Development of project collateral materials including factsheets and graphics, electronic communications, website content and maintenance and other specialized materials as required. (\$79,830)
- **Authority/Reservoir Committee engagement/Public Affairs support:** Providing program level outreach and public affairs support to Authority Board and Reservoir Committee members and their agencies. (\$40,435)
- **Environmental process Public Involvement Support:** Providing outreach support for the required public participation activities associated with the revised Draft EIR in support of the Environmental Planning team. (\$39,406)
- **Project Management:** Participation in required program management meetings, coordination with other service area providers, and project controls reporting requirements. (\$39,978)

- **Expenses:** Costs associated with hosting the project website, cost associated with producing collateral materials and other outreach materials, travel and other miscellaneous expenses. (\$20,353)

Prior Action:

February 21, 2020: Approved an amendment to Katz and Associates, Inc.'s (Communications) contract and task order scope of work, budget and period of performance.

January 17, 2020: Approved Amendment 1B Work Plan for the period of January 1, 2020 through August 31, 2020 as part of a no cost time extension to the then current Participation Agreement. The Amendment included summary-level descriptions of the deliverables with estimated Reservoir Committee budgets. Each deliverable budget was further defined in the document by the level of effort required to complete each deliverable by consultant for use in developing amended consultant task orders intended to be submitted for approval to the Reservoir Committee and Authority Board in February 2020.

December 19, 2019: Approved a recommendation to the Sites Project Authority to approve an amendment to Katz and Associates, Inc.'s (Katz) (Communications) contract period of performance by extending their task order from December 31, 2019 through June 30, 2020 with no change in their cost

March 22, 2019: Approved a recommendation to the Sites Project Authority to approve the Katz and Associates Phase 2 (2019) task order and budget for communications services from April 1, 2019 through December 31, 2019.

January 18, 2019: Approved a recommendation to the Sites Project Authority to approve the consulting agreement with Katz for Service Area C – Communications and to approve an initial task order.

November 16, 2018: Approved a recommendation to the Sites Project Authority to accept the evaluation panel's selection of Katz for Service Area C – Communications.

August 16, 2018: Approved the release of the Project Development Support Services RFQ-18-04.

Fiscal Impact/Funding Source:

Sufficient funds are Included in the revised Amendment 2 Work Plan. Consultant activity will be monitored closely to ensure quality, timely deliverables and to ensure a positive project cash balance is always maintained

Staff Contact:

Joe Trapasso

Attachments:

None.



Topic: **Reservoir Committee Agenda Item 2-1.4**

2020 August 21

Subject: **Task Order for Professional Services - Operations (CH2M Hill Engineers, Inc.)**

Requested Action:

Consider approval of a recommendation to the Sites Project Authority and approve CH2M Hill engineers, Inc.'s (CH2M) (Operations) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$2,094,564 for the period of September 1, 2020 through December 31, 2021.

Detailed Description/Background:

On April 17, 2020 the Reservoir Committee approved a work plan for the Amendment 2 period of performance September 1, 2020 through December 31, 2021 which included operations activities. CH2M has satisfactorily performed these services for the Authority since 2019. The below summary of the scope of services contained in the proposed CH2M's Task Order No. 3 was negotiated and is recommended by the Authority Agents to achieve the required deliverables and milestones for Amendment 2.

The scope contains the following tasks:

- **Operations Analysis:** Perform modeling analyses of the revised alternatives incorporating a revised modeling baseline and revised operational criteria and provide output for the Draft Revised Environmental Impact Report (EIR)/Supplemental Environmental Impact Statement (EIS), the Biological Assessment, and the water rights application. This task includes the full suite of models required for these deliverables, including hydraulic and hydrologic, temperature/water quality, and fisheries. (\$1,008,060)
- **Operations Plan:** Support the development of the Authority's Operations Plan, Version 1. (\$45,019)
- **Operational Agreements:** Provide analysis required for developing term sheets for operational agreements with the Bureau of Reclamation, the Department of Water Resources, Tehama-Colusa Canal Authority, Glenn Colusa Irrigation District, and entities in and along the Colusa Basin Drain. (\$45,019)
- **Documentation:** Provide all supporting documentation and appendices for the Revised EIR/Supplemental EIS and Biological Assessment. This task includes the development of approximately thirty appendices and technical memorandums used to support the analysis performed. (\$178,906)
- **Baseline Bridging Analysis:** Perform a bridging analysis on the modeling baseline for the preferred alternative. This task will provide a sensitivity analysis on the baseline to assess and quantify any impact the selection of the baseline may have had on the modeling results used in the Revised EIR/Supplemental EIS and Biological Assessment. (\$247,322)

- **CWC/WSIP:** Provide modeling and associated documentation required for the California Water Commission Feasibility Report, including assessing benefits for the participants, state, and federal government under climate change scenarios. (\$431,788)
- **Project Management:** Provide management of the scope and budget for Amendment 2, including monitoring task budgets, reviewing labor and expense effort, and coordinating staffing requirements. This task also includes management of staff and subconsultants, as well as financial management and accounting support for this task order. (\$129,175)
- **Expenses:** Miscellaneous expenses. (\$9,276)

Prior Action:

February 21, 2020: Approved an amendment to CH2M Hill Engineers, Inc.'s (CH2M) (Operations Simulation Modeling) contract and task order scope of services, budget and period of performance.

January 17, 2020: Approved Amendment 1B Work Plan for the period of January 1, 2020 through August 31, 2020 as part of a no cost time extension to the then current Participation Agreement. The Amendment included summary-level descriptions of the deliverables with estimated Reservoir Committee budgets. Each deliverable budget was further defined in the document by the level of effort required to complete each deliverable by consultant for use in developing amended consultant task orders intended to be submitted for approval to the Reservoir Committee and Authority Board in February 2020.

December 19, 2019: Approved a recommendation to the Sites Project Authority to approve an amendment to CH2M Hill Engineers, Inc.'s (CH2M) (Operations Simulation Modeling) contract period of performance by extending their task order from December 31, 2019 through June 30, 2020 with no change in their cost

March 22, 2019: Approved a recommendation to the Sites Project Authority to approve both the consulting agreement with CH2M Hill Engineers, Inc. (CH2M) for Service Area D – Operations Simulation Modeling and the Phase 2 (2019) task order and budget for services April 1, 2019 through December 31, 2019.

November 16, 2018: Approved a recommendation to the Sites Project Authority to accept the evaluation panel's selection of CH2M for Service Area D – Operations Simulation Modeling.

August 16, 2018: Approved a recommendation to the Sites Project Authority to release of the Project Development Support Services RFQ-18-04.

Fiscal Impact/Funding Source:

Sufficient funds are Included in the revised Amendment 2 Work Plan. Consultant activity will be monitored closely to ensure quality, timely deliverables and to ensure a positive project cash balance is always maintained.

Staff Contact:

Joe Trapasso

Attachments: None.



Topic: **Reservoir Committee Agenda Item 2-1.5**

2020 August 21

Subject: **Task Order for Professional Services (ICF Jones and Stokes, Inc.)**

Requested Action:

Consider approval of a recommendation to the Sites Project Authority and approve ICF Jones and Stokes, Inc.'s. (ICF) (Environmental Planning) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$3,010,759 for the period of September 1, 2020 through December 31, 2021.

Detailed Description/Background:

On April 17, 2020 the Reservoir Committee approved a work plan for the Amendment 2 period of performance September 1, 2020 through December 31, 2021 which included Environmental Planning and Analysis services. ICF has satisfactorily performed these services for the Authority since 2019. The below summary of the scope of services contained in the proposed ICF's Task Order No. 3 was negotiated and is recommended by the Authority Agents to achieve the required deliverables and milestones for Amendment 2.

The scope contains the following tasks:

- **Revised Draft EIR/EIS Project Description Chapter:** Prepare the alternatives description chapter for the Draft Revised Environmental Impact Report (EIR)/Supplemental Environmental Impact Statement (EIS) in coordination with the operations, permitting, and engineering teams. (\$121,814)
- **Admin Draft Revised EIR/EIS:** Prepare the administrative draft Revised EIR/Supplemental EIS, in coordination with the Authority, Reclamation, and the U.S. Army Corps of Engineers. Revise and update all sections of the 2017 Draft EIR/EIS with new alternatives, more up-to-date information and analyses, revised modeling results and additional changes to address comments received on the 2017 document. (\$2,153,661)
- **Public Draft Revised EIR/EIS:** Address comments on the administrative draft Revised EIR/Supplemental EIS and prepare the public Draft Revised EIR/Supplemental EIS. (\$233,123)
- **Public Review:** Support the Authority with the public review process, including public hearings. (\$46,101)
- **Comment Summary:** Categorize and summarize public comments on the Revised EIR/Supplemental EIS and prepare a preliminary approach to response to comments. (\$104,505)
- **Begin Preparation of an Admin Final EIR/EIS:** Develop database to organize comments and responses to those comments. Identify potential master responses, suggested contents, and preliminary approaches to responding to comments. Prepare annotated outlines of master responses. (\$230,799)

- **Project Management:** Provide management of the scope and budget for Amendment 2, including monitoring task budgets, reviewing labor and expense effort, and coordinating staffing requirements. This task also includes management of staff and subconsultants, as well as financial management and accounting support for this task order. (\$103,413)
- **Expenses:** Miscellaneous expenses. (\$17,344)

Prior Action:

February 21, 2020: Approved an amendment to ICF Jones and Stokes, Inc.'s Environmental Planning and Analysis (ICF E) contract and task order scope of work, budget and period of performance.

January 17, 2020: Approved Amendment 1B Work Plan for the period of January 1, 2020 through August 31, 2020 as part of a no cost time extension to the then current Participation Agreement. The Amendment included summary-level descriptions of the deliverables with estimated Reservoir Committee budgets. Each deliverable budget was further defined in the document by the level of effort required to complete each deliverable by consultant for use in developing amended consultant task orders intended to be submitted for approval to the Reservoir Committee and Authority Board in February 2020.

December 19, 2019: Approved a recommendation to the Sites Project Authority to approve an amendment to ICF Jones and Stokes, Inc.'s (ICF) (Environmental Planning and Analysis) contract period of performance by extending their task order from December 31, 2019 through June 30, 2020 with no change in their cost.

March 22, 2019: Approved a recommendation to the Sites Project Authority to approve both the consulting agreement with ICF Jones and Stokes, Inc. (ICF) for Service Area E – Environmental Planning and Analysis and the Phase 2 (2019) task order and budget for services April 1, 2019 through December 31, 2019.

January 18, 2019: Approved a recommendation to the Sites Project Authority to approve the Ad Hoc evaluation Committee's recommendation to begin negotiations of a consulting agreement with ICR for Service Area E (Environmental Planning and Analysis) and approve an initial task order.

November 16, 2018: Approved a recommendation to the Authority Board to approve the 2019 Phase 2 Work Plan and Budget.

August 16, 2018: Approved a recommendation to the Authority Board to the release of the Project Development Support Services RFQ-18-04.

Fiscal Impact/Funding Source:

Sufficient funds are Included in the revised Amendment 2 Work Plan. Consultant activity will be monitored closely to ensure quality, timely deliverables and to ensure a positive project cash balance is always maintained.

Staff Contact:

Joe Trapasso

Attachments: None.



Topic: **Reservoir Committee Agenda Item 2-1.6**

2020 August 21

Subject: **Task Order for Professional Services (ICF Jones and Stokes, Inc.)**

Requested Action:

Consider approval of a recommendation to the Sites Project Authority and approve ICF Jones and Stokes, Inc's (ICF) (Permitting and Agreements) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$4,400,995 for the period of September 1, 2020 through December 31, 2021.

Detailed Description/Background:

On April 17, 2020 the Reservoir Committee approved a work plan for the Amendment 2 period of performance September 1, 2020 through December 31, 2021 which included Permitting and Agreements services. ICF has satisfactorily performed these services for the Authority since 2019. The below summary of the scope of services contained in the proposed ICF's Task Order No. 3 was negotiated and is recommended by the Authority Agents to achieve the required deliverables and milestones for Amendment 2.

The scope contains the following tasks:

- **Finalize Biological Assessment and Support Biological Opinion:** Prepare and finalize the Biological Assessment (BA) for the Project's compliance with the Federal Endangered Species Act and related statutes. Respond to additional analysis and information requests by U.S. Fish and Wildlife Service (USFWS) and National Marine Fisheries Services' as they complete their Biological Opinions for the Project. (\$811,725)
- **Section 106 Programmatic Agreement:** Support the development of draft and final Programmatic Agreement to comply with Section 106 of the National Historic Preservation Act. This includes consultation with the Bureau of Reclamation, State Historic Preservation Office, Native American tribes, and other interested parties. (\$347,958)
- **ITP-2081 Permit - Construction Application:** Prepare a draft and final California Endangered Species Act 2081 Incidental Take Permit (ITP) application packet for consultation with California Department of Fish and Wildlife (CDFW) on construction of the Project. (\$297,586)
- **ITP-2081 Permit - Operations Application:** Prepare a draft and final California Endangered Species Act 2081 Incidental Take Permit (ITP) application packet for consultation with CDFW on operation of the Project. (\$377,297)

- **Clean Water Act 404 Packet:** Prepare a draft and final Individual Permit Application packet for submittal to the United States Army Corps of Engineers (USACE) to comply with Section 404 of the Clean Water Act. (\$496,327)
- **Clean Water Act 401 Permit Applications:** Prepare a draft and final Permit Application packet for submittal to the State Water Resources Control Board to comply with Section 401 of the Clean Water Act. (\$204,442)
- **Encroachment Permit/Section 408 Draft Packet:** Prepare a draft and final Encroachment Permit application packet for submittal to the Central Valley Flood Protection Board and draft and final 408 Permission packet for submittal to the USACE to comply with the Rivers and Harbor Act, Section 14 (USC Section 408). (\$254,200)
- **Aquatic Resources Mapping and Report/Focused Species Surveys:** Perform detailed landcover mapping and a delineation of aquatic resources that would be used for: 1) assessing project impacts to listed aquatic species; 2) delineating wetlands and waters of the United States and State of California; and, 3) project mitigation planning purposes. Limited funds are included for protocol level surveys if land access is available. (\$342,741)
- **Mitigation Plan/Adaptive Management Plan/Mitigation Measure Evaluation /Cost Estimate:** Develop a draft and final Mitigation Plan for the Project that would identify appropriate and acceptable onsite and offsite mitigation options based on the Project's anticipated impacts to listed species, waters of the United States and State of California, sensitive habitats, and sensitive vegetation. Develop a cost estimate for the implementation, operation and management of the proposed mitigation. A draft and final Adaptive Management Plan that would be incorporated into the Biological Assessment and State 2081 Incidental Take Permit applications would also be developed. (\$664,034)
- **Finalize Geotechnical Permits and Fieldwork:** Finalize geotechnical permits prepared during Phase 1b and provide biological and cultural monitoring during geotechnical drilling activities. (\$420,427)
- **Eagle Take Permit:** Provide and support the first phase of activities that would support permits under the Bald and Golden Eagle Protection Act. This includes the completion of a study plan to collect information necessary to accurately assess the potential impacts of the Project footprint on golden eagle nesting and foraging habitat loss and to coordinate with USFWS on the approach for the permit requirements. (\$50,308)
- **Project Management:** Provide management of the scope and budget for Amendment 2, including monitoring task budgets, reviewing labor and expense effort, and coordinating staffing requirements. This task also includes management of staff and subconsultants, as well as financial management and accounting support for this task order. (\$111,807)
- **Expenses:** Miscellaneous expenses. (\$22,144)

Prior Action:

February 21, 2020: Approved an amendment to ICF Jones and Stokes, Inc.'s Permitting and Agreements (ICF F) contract and task order scope of work, budget and period of performance.

January 17, 2020: Approved Amendment 1B Work Plan for the period of January 1, 2020 through August 31, 2020 as part of a no cost time extension to the then current Participation Agreement. The Amendment included summary-level descriptions of the deliverables with estimated Reservoir Committee budgets. Each deliverable budget was further defined in the document by the level of effort required to complete each deliverable by consultant for use in developing amended consultant task orders intended to be submitted for approval to the Reservoir Committee and Authority Board in February 2020.

December 19, 2019: Approved a recommendation to the Sites Project Authority to approve an amendment to ICF Jones and Stokes, Inc.'s (ICF) (Permitting and Agreements) contract period of performance by extending their task order from December 31, 2019 through June 30, 2020 with no change in their cost.

March 22, 2019: Approved a recommendation to the Sites Project Authority to approve both the consulting agreement with ICF Jones and Stokes, Inc. (ICF) for Service Area F – Permitting and Agreements and the Phase 2 (2019) task order and budget for services March 26, 2019 through December 31, 2019.

November 16, 2018: Approved a recommendation to the Sites Project Authority to accept the evaluation panel's selection of ICF for Service Area F – Permitting and Agreements.

August 16, 2018: Approved a recommendation to the Sites Project Authority the release of the Project Development Support Services RFQ-18-04.

Fiscal Impact/Funding Source:

Sufficient funds are Included in the revised Amendment 2 Work Plan. Consultant activity will be monitored closely to ensure quality, timely deliverables and to ensure a positive project cash balance is always maintained.

Staff Contact:

Joe Trapasso

Attachments:

None.



Topic: **Reservoir Committee Agenda Item 2-1.7**

2020 August 21

Subject: **Task Order for Professional Services – Engineering -
Conveyance (CH2M Hill Engineers, Inc.)**

Requested Action:

Consider approval of a recommendation to the Sites Project Authority and approve CH2M Hill Engineers, Inc.'s (CH2M) (Engineering-Conveyance) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$3,356,849 for the period of September 1, 2020 through December 31, 2021.

Detailed Description/Background:

On April 17, 2020 the Reservoir Committee approved a work plan for the Amendment 2 period of performance September 1, 2020 through December 31, 2021 which included Engineering - Conveyance activities. CH2M has satisfactorily performed these services for the Authority since 2019. The below summary of the scope of services contained in the proposed CH2M's Task Order No. 3 was negotiated and is recommended by the Authority Agent's to achieve the required deliverables and milestones for Amendment 2.

The scope contains the following tasks:

- **Preliminary Hydraulic Model:** Prepare hydraulic models that will confirm feasibility design of conveyance features and inform the feasibility study. (\$233,445)
- **Feasibility Report (Draft):** Engineering support of project conveyance features in preparation of the Draft Feasibility Report. (\$89,293)
- **Feasibility Report (Final):** Engineering support of project conveyance features in preparation of the Final Feasibility Report required for the California Water Commission determination of project feasibility. (\$37,907)
- **Constructability Analysis:** Prepare construction analysis that demonstrates project conveyance features can be constructed using existing technology, available materials, workforce, and equipment. (\$100,407)
- **Develop Class 4 Cost Estimate including Mitigation Measures:** Develop a Class 4 project cost estimate for conveyance features based on guidance defined by the Association for the Advancement of Cost Engineering. (\$148,071)
- **DSOD Engagement:** Engineering support of project conveyance features to engage with the Department of Water Resources Division of Safety of Dams. (\$82,803)
- **Engineering Support for Environmental & Permitting:** Progress feasibility design to a 10% design level in support of environmental analysis and permitting requirements. Project features triggering the CVFPB

Encroachment Permit and potentially Section 408 will be advanced to a 30% design level in support of the permitting documents. Project features requiring advancement in feasibility design to a 10% design level includes: TRR and Funks Reservoir improvements, electrical facilities, and conveyance improvements related to the TRR and Funks pipelines, pumping generating plants, Dunnigan pipeline, and improvements to TCCA and GCID facilities. (\$2,117,841)

- **Convert drawings to GIS geodatabase File Format:** Convert feasibility design drawing files to GIS format for environmental analysis (\$34,359)
- **Risk Workshop Support:** Develop risk input and identify risk mitigation strategy for project conveyance features. (\$58,693)
- **Program Design / Construction / Permit Implementation:** Support work plan development for future program phases including design, construction and permit implementation. (\$116,505)
- **Geotechnical Permit Planning & Investigation Plan:** Support development of geotechnical exploration programs for feasibility design confirmation and preliminary engineering. (\$83,095)
- **Project Management:** Monitoring and report CH2M task order budgets, reviewing labor and expense effort, coordinating staffing requirements, and implementing the quality control plan. (\$211,331)
- **Expenses:** Miscellaneous expenses. (\$43,100)

Prior Action:

February 21, 2020: Approved an amendment to CH2M Hill Engineers, Inc.'s (CH2M) (Operations Simulation Modeling) contract and task order scope of services, budget and period of performance.

January 17, 2020: Approved Amendment 1B Work Plan for the period of January 1, 2020 through August 31, 2020 as part of a no cost time extension to the then current Participation Agreement. The Amendment included summary-level descriptions of the deliverables with estimated Reservoir Committee budgets. Each deliverable budget was further defined in the document by the level of effort required to complete each deliverable by consultant for use in developing amended consultant task orders intended to be submitted for approval to the Reservoir Committee and Authority Board in February 2020.

December 19, 2019: Approved a recommendation to the Sites Project Authority to approve an amendment to CH2M Hill Engineers, Inc.'s (CH2M) (Operations Simulation Modeling) contract period of performance by extending their task order from December 31, 2019 through June 30, 2020 with no change in their cost

March 22, 2019: Approved a recommendation to the Sites Project Authority to approve both the consulting agreement with CH2M Hill Engineers, Inc. (CH2M) for Service Area D – Operations Simulation Modeling and the Phase 2 (2019) task order and budget for services April 1, 2019 through December 31, 2019.

November 16, 2018: Approved a recommendation to the Sites Project Authority to accept the evaluation panel's selection of CH2M for Service Area D – Operations Simulation Modeling.

August 16, 2018: Approved a recommendation to the Sites Project Authority to release of the Project Development Support Services RFQ-18-04.

Fiscal Impact/Funding Source:

Sufficient funds are Included in the revised Amendment 2 Work Plan. Consultant activity will be monitored closely to ensure quality, timely deliverables and to ensure a positive project cash balance is always maintained.

Staff Contact:

Joe Trapasso

Attachments:

None.



Requested Action:

Consider approval of a recommendation to the Sites Project Authority and approve AECOM (Engineering - Reservoir) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$1,765,758 for the period of September 1, 2020 through December 31, 2021.

Detailed Description/Background:

On April 17, 2020 the Reservoir Committee approved a work plan for the Amendment 2 period of performance September 1, 2020 through December 31, 2021 which included Engineering – Reservoir services. AECOM has satisfactorily performed these services for the Authority since 2019. The below summary of the scope of services contained in the proposed AECOM's Task Order No. 3 was negotiated and is recommended by the Authority Agent's to achieve the required deliverables and milestones for Amendment 2.

The scope contains the following tasks:

- **Project Coordination:** Attend and participate in meetings with Authority staff, other consultant team members, agencies, and stakeholders. (\$41,239)
- **Preliminary Hydraulic Model (Support):** Engineering support of project reservoir features required in preparation of preliminary hydraulic models. (\$12,092)
- **Feasibility Report (Draft):** Assemble and support preparation of the Draft Feasibility Report. (\$225,903)
- **Feasibility Report (Final):** Assemble and support preparation of the Final Feasibility Report required for the California Water Commission determination of project feasibility. (\$90,668)
- **Constructability Analysis:** Prepare construction analysis that demonstrates project reservoir features can be constructed using existing technology, available materials, workforce, and equipment. (\$156,475)
- **Confirm Project Benefits:** Coordinate with the project team to confirm project benefits and analyze as part of the feasibility study. (\$65,161)
- **Cost Allocation:** Prepare a benefits-based cost allocation approach in determining costs to be assigned to the project beneficiaries. (\$24,190)
- **Develop Class 4 Cost Estimate including Mitigation Measures:** Develop a Class 4 project cost estimate for reservoir features based on guidance defined by the Association for the Advancement of Cost Engineering. (\$294,941)
- **DSOD Engagement Plan and Feasibility Review:** Engineering support of project reservoir features to engage with the Department of Water Resources Division of Safety of Dams. (\$108,881)
- **Engineering Support for Environmental & Permitting:** Progress feasibility design in support of environmental analysis and permitting requirements. (\$261,733)

- **Convert drawings to GIS:** Convert feasibility design drawing files to GIS format for environmental analysis (\$41,705)
- **Confirm Environmental Feasibility with Mitigation:** Coordination to obtain finding of environmental feasibility with mitigation commitments for the Feasibility Report. (\$7,005)
- **Economic Feasibility:** Demonstrate Project economic feasibility by developing benefit-to-cost ratio analysis as part of the feasibility study. (\$23,186)
- **Financial Feasibility Coordination:** Analyze and demonstrate sufficient funding will be available to cover the construction and operation and maintenance cost as part of the feasibility study. (\$23,186)
- **Risk Workshop Support:** Develop risk input and identify risk mitigation strategy for project reservoir features. (\$63,760)
- **Program Design/Construction/Permitting Implementation:** Support development of a work plan for future program phases including design, construction and permit implementation. (\$47,811)
- **Geotechnical Permit Planning & Investigation Plan:** Support development of geotechnical exploration programs for feasibility design confirmation and preliminary engineering. (\$172,139)
- **Project Management:** Monitoring and report AECOM task order budgets, reviewing labor and expense effort, coordinating staffing requirements, and implementing the quality control plan. (\$103,682)
- **Expenses:** Miscellaneous expenses. (\$2,000)

Prior Action:

February 21, 2020: Approved contract amendment to increase the budget to the AECOM contract.

November 21, 2019: Approved a recommendation to the Project Authority to approve a modification to the AECOM contract period of performance by extending the contract from December 31, 2019 through June 30, 2020 with no change in cost.

July 19, 2019: Approved a recommendation to the Authority Board to extend the AECOM contract from July 31, 2019 through December 31, 2019.

February 21, 2019: Approved a recommend to the Authority Board to extend the AECOM contract from March 31, 2019 through July 31, 2019.

October 18, 2018: Approved a recommendation to the Authority Board to postpone or cancel the evaluation of submittals for Service Area H (Engineering Services).

Fiscal Impact/Funding Source:

Sufficient funds are Included in the revised Amendment 2 Work Plan. Consultant activity will be monitored closely to ensure quality, timely deliverables and to ensure a positive project cash balance is always maintained.

Staff Contact:

Joe Trapasso

Attachments:

None.



Topic: **Reservoir Committee Agenda Item 2-1.9** **2020 August 21**

Subject: **Contract Amendment for Professional Services (Fugro USA Land, Inc.)**

Requested Action:

Consider approval of a recommendation to the Sites Project Authority and approve Fugro USA Land, Inc.'s (Fugro) (Geologic/Geotechnical Services) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$2,079,804 for the period of September 1, 2020 through December 31, 2021.

Detailed Description/Background:

On April 17, 2020 the Reservoir Committee approved a work plan for the Amendment 2 period of performance September 1, 2020 through December 31, 2021 which included Geotech activities. Fugro has satisfactorily performed these services for the Authority since 2019. The below summary of the scope of services contained in the proposed Fugro's Task Order No. 3 was negotiated and is recommended by the Authority Agent's to achieve the required deliverables and milestones for Amendment 2.

The scope contains the following tasks:

- **Field Data Collection in 2020-2021:** Support planning, permitting, and execution of field data collection in 2020-2021. Planning and permitting services include assisting with preparation of required environmental permits, local encroachment and exploration permitting, scheduling field work logistics and activities. Execution of field data collection includes geologic survey and mapping, sediment and alluvium study, geomorphic studies, borrow studies, and supporting the Bureau of Reclamation with coordinating USA marking and utility locating services, preparation of field logs, review of collected field data and laboratory testing results, and ensuring permitting requirements are met. (\$874,750)
- **Geotechnical Data Reports:** Prepare geotechnical data reports summarizing all research, field activities conducted, findings, and conclusions. (\$341,730)
- **Preliminary Planning for Design Level Geologic and Geotechnical Engineering Investigations:** Conduct a data gap assessment of geologic and geotechnical data needs required for preliminary design. (\$298,901)
- **Work Plans for Design Level Geologic and Geotechnical Engineering Investigations:** Prepare geologic and geotechnical engineering work plans describing the need for and methods to be used during design level geologic and geotechnical engineering investigations. (\$185,449)

- **Project Management:** Monitoring and report Fugro task order budgets, reviewing labor and expense effort, coordinating staffing requirements, and implementing the quality control plan. (\$63,973)
- **Expenses:** All expenses are related to supporting activities to be completed as part of the Field Data Collection in 2020-2021 task including: local permit fees, execution of traffic and dust controls, equipment rental and supplies, prevailing wages and per diems for field staff support. Per diems for field engineering and geologic staff are included given the remoteness of the work location. Subcontractor labor and equipment costs are also included within these expenses. (\$315,000)

Prior Action:

February 21, 2020: Approved an amendment to Fugro USA Land, Inc.'s (Fugro) (Geology and Geotechnical) contract and task order scope of work, budget and period of performance.

January 17, 2020: Approved Amendment 1B Work Plan for the period of January 1, 2020 through August 31, 2020 as part of a no cost time extension to the then current Participation Agreement. The Amendment included summary-level descriptions of the deliverables with estimated Reservoir Committee budgets. Each deliverable budget was further defined in the document by the level of effort required to complete each deliverable by consultant for use in developing amended consultant task orders intended to be submitted for approval to the Reservoir Committee and Authority Board in February 2020.

December 19, 2019: Approved a recommendation to the Sites Project Authority to approve an amendment to Fugro USA Land, Inc.'s (Fugro) (Geology and Geotechnical) contract period of performance by extending their task order from December 31, 2019 through June 30, 2020 with no change in their cost.

March 22, 2019: Approved a recommendation to the Sites Project Authority to approve both the consulting agreement with Fugro USA Land, Inc. (Fugro) for Service Area I – Geology and Geotechnical Engineering and the Phase 2 (2019) task order and budget for services April 1, 2019 through December 31, 2019.

November 16, 2018: Approved a recommendation to the Sites Project Authority to accept the evaluation panel's selection of Fugro for Service Area I – Environmental Planning and Analysis.

August 16, 2018: Approved a recommendation to the Sites Project Authority to release the Project Development Support Services RFQ-18-04.

Fiscal Impact/Funding Source:

Sufficient funds are Included in the revised Amendment 2 Work Plan. Consultant activity will be monitored closely to ensure quality, timely deliverables and to ensure a positive project cash balance is always maintained.

Staff Contact:

Joe Trapasso

Attachments:

None.



Topic: **Reservoir Committee Agenda Item 2.2** **2020 August 21**

Subject: **Funding Credit and Reimbursement Policy Implementation**

Requested Action:

Approve updated Funding Credit and Reimbursement Policy (Policy).

Detailed Description/Background:

When the Reservoir Committee was formed, one of the requirements included the development of this Policy to ensure equity among participants and be an important component to the rebalancing process. The initial Policy went through a thorough development and review process and was approved by the Authority in August 2018. A revised Policy is now required as the Authority continues to progress into new phases of the project.

A subgroup of the Joint Budget and Finance Committee was convened to review the current Policy and develop draft revisions as needed to reflect the status of the current Sites Project. The Subgroup developed a working draft revised Policy and examples of applying the draft Policy which were reviewed and commented on by the Joint Budget and Finance Committee during their July 10, 2020 meeting. A revised draft was prepared based on the comments received and discussed at the July Reservoir Committee and Authority Board meetings.

Comments from these meetings were incorporated into a revised draft which was reviewed by Authority General Counsel and then by the Joint Budget and Finance Committee. Attachment A provides the revised Policy for consideration of approval.

The most significant changes being proposed in the revised Policy from the current Policy are:

- Revisions to Section 6 "Participation Priority" include the addition of two new priority rounds. A revision was also made to clarify the application of "Last in / First Out" approach should the available participation be reduced below the amount of participation by Project Agreement Members.
- Revisions to Section 10.3 "Limitation on Reimbursements" provides additional clarity to when the Authority would make reimbursement payments.
- The new Section 14 "Provision for Buy-in After Phase 1" was added to specify the requirement that additional or new participation pay the equivalent funding of prior phases upon executing the Project Agreement.
- The new Section 15 "Provision for Phase 2 Rebalancing and True-up Process" was added to provide a process for Project Agreement Members to change their level of participation at the conclusion of each incremental Phase 2 Project Agreement. The provision is similar to the Phase 1 True-up with the exception of Class 2 Water conversion.

In response to comments received subsequent to last month's review by the Reservoir Committee, additional revisions were made to expand the application of the policy to Phase 2, provide flexibility for allowing incremental Project Agreements and associated participation changes, recognize federal and State participation and clarify/specify previous provisions and requirements.

Prior Action:

July 22, 2020: Reviewed and commented on the Working Draft Funding Credit and Reimbursement Policy Revisions.

August 16, 2018: The Credit Reimbursement Policy was approved.

June 25, 2018: The status was discussed with direction provided to the Ad Hoc Finance and Economics Work Group.

Fiscal Impact/Funding Source:

The Policy's requirement to reimburse Project Agreement Members for partial or complete withdrawal from the Project would be funded by new revenue for the "Buy-in" payments received from an existing Project Agreement Members that increase their amount participation or from new/returning Project Agreement Members initiating participation. Reimbursement payments would only be made once the Reservoir Committee and Authority Board determine that funds are available to make such payments without impacting the implementation of the Project.

Staff Contact:

Joe Trapasso

Attachments:

Attachment A: Funding Credit and Reimbursement Policy.

Sites Reservoir Project, Phase 1 & 2 Funding Credit and Reimbursement Policy

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APPENDIX A – Participating Members and Respective Priority

1. PURPOSE OF POLICY

The Sites Project Authority (Authority) has adopted bylaws¹ that establish use of a Cost Development Model to track each participating agency's funding contributions and anticipated funding requirements as the Sites Reservoir Project (Project) is developed.

The purpose of this Funding Credit and Reimbursement Policy (Policy) is to establish the rules and procedures for contributing funds for the Project that will be used to inform the Cost Development Model as the project advances. The specific objectives of the Policy are to define the provisions and terms for:

- Defining contribution credit to participating agencies (Project Agreement Members, see **Section 3.8**) for having contributed funds to advance the Project;
- Defining allowable conditions for the use and/or reimbursement of credit;
- Providing an equitable exchange in participation levels between Project Agreement Members; and
- Defining the process for recalculating the equivalent cost basis among Phase 1 Project Agreement Members for Class 1 and Class 2 water².
- Defining the process for recalculating the equivalent cost basis for future phases of the project that are funded on a "cash call" basis.

It is the intent of this Policy to ensure that all Project Agreement Members will each have paid the same amount on an equivalent cost basis as the Project advances.

The Policy only applies to contributions from Project Agreement Members and is not intended to be used to determine the value or priority of Federal or State Funding.

2. ADMINISTRATIVE

2.1 Role of the Authority and Reservoir Committee

Through its Bylaws, the Authority considers this process to be a foundational part of advancing the Project. Development of the terms of this Policy has been undertaken by the participants in each phase of the Reservoir Project Agreements (Reservoir Committee). Acceptance of this document by the Authority is required before this Policy can be implemented.

2.2 Amendments to this Policy

It is the Authority's intent that this policy be updated as needed (i.e. is a "living" document) to ensure the Project is implemented equitably, efficiently and cost-effectively. The Authority may

¹ November 21, 2016 Amended and Restated Bylaws of the Sites Project Authority for Phase 1 of the Sites Reservoir Project, Section 3.9.

² Participation in voting and funding is based on a Members' participation as measured in acre-feet that is used to apportion the project's development costs. Until the completion of Phase 2, the annualized volumes of water that could be released from storage can't be finalized until the Project has acquired the prerequisite permits needed for construction and operations and both state and federal agencies have committed to fund their equitable share in the Project.

amend this Policy to reflect changes to the funding structure for the Project (e.g. separate participation in water storage versus water supply). Any amendment to this Policy will not reduce or increase any participant's contribution credit (as defined below) for having contributed funds to advance the Project.

2.3 Precedence of Documents

This document is subordinate to both the Authority's and Reservoir Committee's governance documents. Should a conflict exist, the Authority's Joint Exercise of Powers Agreement - including the Bylaws - shall take precedence, followed by the Reservoir Committee's sequential Reservoir Project Agreement for each phase of the Project (Requirements).

Further and in keeping with the *Mission and Project's Primary Goals* established in Phase 1³, should a conflict exist between this document and any Reservoir Project Agreement, which may include the terms and conditions for the interim finance plan, the Reservoir Project Agreements shall control, and this document shall be amended to remove the conflict.

2.4 Document Revision History

A record of approved changes to this document shall be recorded in this section, starting with its original approval for use, which is revision 0.

<u>Rev.</u>	<u>Effective Date</u>	<u>Status of Authorizing Action</u>
0	August 20, 2018	Approved by Reservoir Committee and adopted by the Authority.
1	TBD	Revised to include Phase 2 considerations.

3. DEFINITIONS

The following definitions are used in this Policy:

- 3.1. "Class 1 Water" Water supply reserved for Project Agreement Members based on 50% of the total average annualized volume of water released from storage (250 TAF⁵).
- 3.2. "Class 2 Water" Additional 170 TAF⁴ of water supply that may be available to Project Agreement Members, of which the State of California and/or the United States Government will be given the first right to acquire for ecosystem and water quality "public" benefit(s).
- 3.3. "Contribution Credit" The accumulated funding provided by a Project Agreement Member for both Class 1 and Class 2.

³ Refer to Exhibit B of the Phase 1 Reservoir Project Agreement, General Requirements.

⁴ These acre footage values are based on original project yield projection at the onset of Phase 1 in 2016 and are subject to change throughout the duration of the project.

- 3.4. “Equivalent Cost Basis” The equivalent cost per acre-foot for Class 1 water established by the Reservoir Committee.
- 3.5. “Equivalent Required Funding” The amount of funding required by each Project Agreement Member at the Phase 1 True-up event (**Section 13**) equal to the Equivalent Cost Basis times the Project Agreement Member’s participation in Class 1 water.
- 3.6. “Fully Subscribed Project” Full participation in the total amount of Class 1 Water available. The amount of Class 1 Water available is equal to the total water made available by the Project less the amount of water reserved for federal and state investment in the Project. The associated amount may change between the end of Phase 1 and end of Phase 2. Further, it is contemplated that in Phase 2, consideration will be given to shift from the current delivery-based method (FOB Holthouse Reservoir) to a storage-based method.
- 3.7. “Funding Obligation” A Project Agreement Member’s semi-annual pro-rata share of funding required. The Authority may elect to waive any Project Agreement Member from a semi-annual obligation by excluding that particular Project Agreement Member’s participation in the Project when determining the basis for the pro-rata share of the remaining Project Agreement Members.
- 3.8. “Project Agreement Member” Any agency or entity that has executed a Project Agreement and not withdrawn from the project.⁵
- 3.9. “Good Standing” Meeting the requirements to actively participate in the Project according to Section 8.1 of Authority’s Bylaws.
- 3.10. “Participation” A Project Agreement Member’s elected participation rate expressed in terms of acre-feet of average annual water supply, or other metric utilized to determine the pro-rata share of funding required from each Member.

⁵ Ibid, Section 7.3 for membership types. A list of current Project Agreement Members is provided in Exhibit A1 of the Phase 1 Reservoir Project Agreement.

Project Agreement Members to change their participation. These changes will become the basis for the Phase 1 True-Up.

- 5.6 As the Project advances, each additional phase of the project will require Project Agreement Members to commit funding through execution of a new Project Agreement. Changes in participation may be allowed at the conclusion of each phase, subject to the credit and reimbursement conditions established by this Policy.

6. PARTICIPATION PRIORITY

As more or less Class 1 Water becomes available, each Project Agreement Member's allocation of Class 1 and/or Class 2 Water may be impacted based on the priority assigned to its participation in the manner provided below. Should the level of participation need to be reduced, the reduction will occur on a "last in / first out" basis. Each Project Agreement Member will be assigned a priority based on the following criteria:

- Round 1 Priority: Founding members of the Authority who also elected to execute the Phase 1 Reservoir Project Agreement. Project Agreement Members in this round received Class 1 Water.
- Round 2 Priority: New members of the Authority seated prior to the 2016 on-boarding process who elected to execute the Phase 1 Reservoir Project Agreement. Project Agreement Members in this round received Class 1 Water.
- Priority 2.1: Existing members of the Authority seated prior to the 2016 on-boarding process, who had executed the Phase 1 Reservoir Project Agreement, and who elected to change their participation quantities in advance of the August 1, 2016 deadline that closed the On-boarding process. These changes were approved by the Authority on June 13, 2016.
- Round 3 Priority: Additional participation beginning with the 2016 On-Boarding process and extending through execution of a funding agreement with the State. Project Agreement Members in this round receive either:
- 1) For Public Water Agencies: A combination of Class 1 and/or Class 2 Water dependent upon the availability of Class 1 Water; or
 - 2) For Non-Member Participating Parties: Mutual Water Companies who submitted a request to participate as part of the 2016 On-Boarding process received Class 2 Water.

Note that a rounding error in the original allocation of Class 1 and Class 2 water was found November 2017. The correction to the rounding error was applied retroactively to Priority 3 participants.

The following sub-priority within Round 3 will be based on the date that additional participation is established, which is the date the Phase 1 Reservoir Project Agreement was authorized to be executed by the Project Agreement Member.

- Priority 3.1 Prior to executing the Phase 1 Reservoir Project Agreement, 10,000 acre-feet of Class 1 Water became available and was allocated to those Project Agreement Members who had initially agreed to accept fractional shares of Class 1 and Class 2 totaling the amount requested in their On-boarding letter of intent. For each of these Project Agreement Members, the result was a reduction in Class 2 water and a corresponding increase in Class 1 Water.

- Priority 3.2 Prior to executing the Phase 1 Reservoir Project Agreement, Project Agreement Members who requested to increase their participation received Class 2 Water.

- Priority 3.3 California Water Service request during the 2016 On-Boarding process requiring CPUC approval before executing the Reservoir Project Agreement.

- Priority 3.4 Metropolitan Water District of Southern California elected to not specify an acre-ft as the basis of their participation in the 2016 On-Boarding process, but subsequently requested to participate in Class 2 Water through execution of the Reservoir Project Agreement.

- Priority 3.5 After Project Agreement Members had executed the Phase 1 Reservoir Project Agreement, 6,285 acre-feet of Class 1 Water became available after April 28, 2017 that was allocated to those Project Agreement Members who had initially agreed to accept fractional shares of Class 1 and Class 2 totaling their participation amount (Priority 3). Project Agreement Member's in this priority received a pro-rata share of the Class 1 Water and a corresponding decrease in their Class 2 Water.

- Priority 3.6 After Project Agreement Members had executed the Phase 1 Reservoir Project Agreement, an additional 6,285 acre-feet of Class 1 Water became available after May 31, 2017 that was allocated to those Project Agreement Members who had initially agreed to accept fractional shares of Class 1 and Class 2 totaling their participation amount (Priority 3.0). Project Agreement Member's in this priority received a pro-rata share of the Class 1 Water and a corresponding decrease in their Class 2 Water.

- Round 4 Priority: Additional Phase 1 participation following execution of the funding agreement with the State. Project Agreement Members in this round would only receive Class 2 Water unless participation changes result in the availability of Class 1 Water.

This round will also include additional Class 1 Water required to maintain the minimum participation threshold from water agencies located in the Sacramento River Hydrologic Region (see **Section 7**).

Note that no participation changes or new participation occurred during Phase 2A. All Project Agreement Members that signed the Phase 2 Project Agreement in April 2019 continued their level of participation through August 2020.

- Round 5 Priority: This round includes additional participation from existing or new Project Agreement Members following the completion of Phase 2A and prior to execution of the Phase 3 Project Agreement. Sub-priority within this round will be established as follows:
- Priority 5.1 Additional or new participation from agencies in the Sacramento River Hydrologic Region. This priority was established to encourage Northern California participation (**Section 7**).
 - Priority 5.2 Additional participation from existing Project Agreement Members.
 - Priority 5.3 New participation from prior Project Agreement Members that completely withdrew during a prior phase of the Project.
 - Priority 5.4 New participation from agencies that have not participated in prior phases of the Project.
- Round 6 Priority: New or additional participation during the development and execution of the Phase 3 Project Agreement.

Any established priority will be forfeited commensurate with a reduction in participation. Priority is only valid for the participation commitment under the active Project Agreement, less any amount subtracted as a result of a reduction in participation or Project withdrawal.

Additional rounds may be established by the Authority Board as the Project develops. The current list of priority participation is included in Appendix A.

7. PROVISION FOR ENCOURAGING NORTHERN CALIFORNIA PARTICIPATION

The Authority desires to maintain a minimum threshold for participation by agencies within the Sacramento River Hydrologic Region equal to approximately 25% of the total water supply. Should the participation from Project Agreement Members in this region drop below the threshold, the Authority may solicit additional interest from Project Agreement Members or agencies that are not currently participating in the Project, both of which are located in the Sacramento River Hydrologic Region. The additional participation will be established within the current round of priority at the time the Project Agreement is executed (**Section 6**).

8. CREDITING POLICY FOR ADVANCE FUNDING

The Crediting Policy describes the process of how Contribution Credit is earned by each Project Agreement Member by fulfilling its funding obligations. Funding obligations will be established through the Authority's annual budgeting process and will be apportioned to Project Agreement Members based on their respective participation. Each Project Agreement Member will accumulate Contribution Credit equal to its cumulative funding for both Class 1 and Class 2 participation throughout all phases of the project.

9. USE OF CONTRIBUTION CREDIT

Contribution Credit will be utilized to determine any payment or reimbursement due as result of the following events:

- Withdrawal or reduction in Project participation, as further described in **Section 11**; or
- True-up of Class 1 Cost Basis and Retirement of Class 2 participation, as further described in **Section 13** and **Section 15**.

10. REIMBURSEMENT POLICY FOR CONTRIBUTION CREDIT

The Authority will provide reimbursements under the following conditions.

10.1. Reimbursements from Rebalancing Process

Based on the results of the Rebalancing Process (**Section 13** or **Section 15**), the Authority will reimburse certain Project Agreement Members for excess Contribution Credit. The Authority will only reimburse such members once all payments have been received from Project Agreement Members that owe additional funds as a result of the Rebalancing Process.

10.2. Reimbursements from Withdrawal from Participation

A Project Agreement Member partially or completely withdrawing their participation in the Project will be reimbursed for its accumulated Contribution Credit up to the extent of its withdrawal based on the Provision for Withdrawal (**Section 11**). The Authority will provide such reimbursement once all payments have been received from Project Agreement Members electing to increase participation to offset the withdrawn participation.

10.3. Limitation on Reimbursements

Notwithstanding the applicability of any term or condition of this policy regarding withdrawal, in no event will the Authority be required to provide any reimbursement payment until the Authority determines that such payment will not have an adverse impact on the financial viability or overall implementation of the Project. Partial reimbursement payments may be made based on available funding with the remaining amount maintained as a liability for the Authority to pay at such time sufficient funding exists. As funding from new participation (**Section 14**) becomes available, the Authority may pay down the liabilities on a pro-rata basis following the order in which the liabilities occurred (e.g. Phase 1 liabilities are paid prior to Phase 2A liabilities).

10.4. Reimbursements due to Project Termination

In the event that the Project cannot be completed or in the event the Authority terminates the then active Reservoir Project Agreement, the Authority will disperse any available Project funds according to the participation percentages as defined in the current version of the then active Reservoir Project Agreement.

11. PROVISIONS FOR WITHDRAWAL FROM PROJECT

11.1. Withdrawal or Reduction Before the Start of Phase 2 Obligations

A Project Agreement Member may reduce or completely withdraw its participation relative to Class 1 and/or Class 2 Water within the window associated with Assumption 4.5 and the Phase 2A Reservoir Project Agreement (Dated April 1, 2019). In order to maintain equity among all Project Agreement Members, all changes in Project participation will be accommodated through the provisions of the Phase 1 True-Up Process (**Section 13**).

11.2. Withdrawal or Reduction During Phase 2

A Project Agreement Member may reduce or completely withdraw its participation at the conclusion of each incremental funding obligation during Phase 2 (e.g. Phase 2A, Phase 2B, etc.). In order to maintain equity among all Project Agreement Members, changes in Project participation will be accommodated through the provision of the Phase 2 True-Up Process (**Section 15**) at the conclusion of each incremental funding obligation.

11.3. Withdrawal or Reduction Before the Start of Phase 3 Obligations

Following Phase 2, Project funding will most likely involve debt issuance and require full financial commitment by Project Agreement Members for Phase 3 and Phase 4. Consequently, the last opportunity for a Project Agreement Member to withdraw or reduce participation under this policy will be prior to execution of the Phase 3 Reservoir Project Agreement. In order to establish equity prior to debt issuance, all final changes in Project participation will be accommodated through the provision of the Phase 2 True-Up Process (**Section 15**).

12. PROVISION FOR CLASS 2 CONVERSION TO CLASS 1 PRIOR TO THE TRUE-UP PROCESS

Prior to the Phase 1 True-up Process (**Section 13**), the conversion of Class 2 Water will occur only when additional Class 1 Water becomes available. Project Agreement Members with Class 2 participation will be allowed to convert their Class 2 Water in order of highest to lowest priority.

The cost for each Project Agreement Member to convert its Class 2 to Class 1 will be equal to the difference between the Class 1 and Class 2 funding obligations on a per acre-foot basis, multiplied by the quantity (acre-feet) of Class 2 being converted to Class 1.

13. PROVISION FOR REBALANCING PHASE 1 PARTICIPATION AND TRUE-UP OF THE CLASS 1 COST BASIS

At the conclusion of the Phase 1 Rebalancing Process, the Authority will establish the final amount of Class 1 Water available for participation and establish an equivalent cost basis per acre-foot (the True-Up Process). The final Phase 1 participation will be established as follows:

- The minimum threshold for participation from agencies in the Sacramento River Hydrologic Region (**Section 7**) will be considered prior to the conversion of Class 2.

- Any voluntary change in participation shall be fully recognized prior to the calculation of conversion of Class 2 Water to Class 1 Water.
- Class 2 will be converted to Class 1 in order of highest to lowest priority until the final amount of Class 1 participation is fulfilled. The cost to convert Class 2 Water shall be paid by each member separate from the determination of the Equivalent Required Funding for Phase 1. Funding associated with Class 2 conversion will be included in the Project Agreement Member's cumulative Contribution Credit.
- Any remaining Class 2 participation will be retired. Project Agreement Members with retired Class 2 Water will be placed on a stand-by list for future participation based on their original priority.
- Should the total amount of Class 1 participation be less than the amount available, the Authority will solicit interest from current Project Agreement Members for additional participation. If the additional Class 1 participation is still available, the Authority will solicit interest from other non-participating agencies.

An equivalent cost basis per acre-foot will be established for all Project Agreement Members at the conclusion of Phase 1 as follows:

- The Equivalent Cost Basis for Class 1 participation has been established by the Project Reservoir Committee as \$48.50 per acre-foot.
- The Equivalent Required Funding for each Project Agreement Member will be the Equivalent Cost Basis multiplied by the Project Agreement Member's Class 1 participation at the end of Phase 1.
- If the Equivalent Required Funding is greater than the Project Agreement Member's cumulative Contribution Credit, a true-up payment will be due from the Project Agreement Member to the Authority equal to the Equivalent Required Funding minus the Member's cumulative Contribution Credit.
- If the Equivalent Required Funding is less than the Project Agreement Member's cumulative Funding Obligation, a reimbursement will be due from the Authority to the Project Agreement Member equal to the Project Agreement Member's cumulative Contribution Credit minus its Equivalent Required Funding.

14. PROVISION FOR BUY-IN AFTER PHASE 1

During Phase 2, if Class 1 Water is available, existing or new Project Agreement Members may increase their participation. In order to maintain equity among Project Agreement Members, additional participation carries a "buy-in" cost equal to the equivalent cost basis at the time that new or additional participation is requested. The equivalent cost basis has been established by the Reservoir Committee as:

Phase 1:	\$48.50 per acre-foot
Phase 2A:	<u>\$60.00 per acre-foot</u>
Total:	\$108.50 per acre-foot

Additional increments may be added as the project progresses through Phase 2.

The buy-in cost for additional/new participation is equal to the Equivalent Cost Basis per acre-foot multiplied by the amount of additional/new participation requested less any reimbursement liability due from the Authority from prior withdrawal/reduction in participation. The buy-in payment will be invoiced upon execution of the Reservoir Project Agreement.

The additional/new participation will be assigned the current round of priority at the time the Reservoir Project Agreement is executed (**Section 6**).

The Authority may, but shall not be obligated to, utilize the buy-in payments to reduce any outstanding reimbursement liabilities from prior phases.

15. PROVISION FOR PHASE 2 REBALANCING AND TRUE-UP PROCESS

At the conclusion of each incremental Phase 2 agreement, the Authority will declare any change to the Fully Subscribed Project and Project Agreement Members will identify their preferred Participation moving forward in the Project.

With respect to the Fully Subscribed Project, any available Class 1 water will be offered according to the Round 5 sub-priorities (**Section 6**). Project Agreement Members that increase their participation and new Project Agreement Members must “buy-in” to the Project at the current Equivalent Cost Basis (**Section 14**).

With respect to the Fully Subscribed Project, if the total preferred Participation exceeds the Fully Subscribed Project, Project Agreement Members with a proposed participation increase will only receive a pro-rata share of their proposed increase. If the total preferred Participation still exceeds the Fully Subscribed Project, the Participation of Existing Project Agreement Members will be reduced on a “last in / first out” basis according to the participation priorities (**Section 6**) and on a pro-rata basis within the same priority or sub-priority.

Once the final participation is established for each incremental Phase 2 Project Agreement, true-up payments and reimbursements will be determined for each Project Agreement Member:

- The Equivalent Required Funding at the completion of each incremental Phase 2 Project Agreement will be the Equivalent Cost Basis multiplied by the Project Agreement Member’s participation.
- If the Equivalent Required Funding is greater than the Project Agreement Member’s cumulative Contribution Credit, a true-up payment will be due from the Project Agreement Member to the Authority equal to the Equivalent Required Funding minus the Member’s cumulative Contribution Credit.
- If the Equivalent Required Funding is less than the Project Agreement Member’s cumulative Funding Obligation, a reimbursement will be due from the Authority to the Project Agreement Member equal to the Project Agreement Member’s cumulative Contribution Credit minus its Equivalent Required Funding.

16. FAIR SHARE FUNDING SUMMARY

The Authority will prepare a funding summary upon completion of Phase 1 to document each Project Agreement Member's funding contributions, equivalent cost basis and Contribution Credit. The Phase 1 Participant Ledger will summarize the conversion and/or retirement of Class 2 Water and the true-up of the Class 1 cost basis at the end of Phase 1.

The Participant Ledger will be updated to document changes in Participation, Priority and Equivalent Cost Basis for each Project Agreement Member through completion of Phase 2.

Appendix A – Participating Members and Respective Priority



Topic: **Reservoir Committee Agenda Item 3.1** **2020 August 21**

Subject: **Key Comments from Conservation Organizations and Plan for Addressing Those Moving Forward**

Requested Action:

Review and comment on the approach being taken to address comments from conservation organizations on the 2017 Draft Environmental Impact Report (EIR)/Environmental Impact Statement (EIS) in the development of the Revised EIR/Supplemental EIS.

Detailed Description/Background:

Staff has begun work on preparation of the Revised EIR/Supplemental EIS. As part of this effort, staff has reviewed comments on the 2017 Draft EIR/EIS from conservation organizations and has formulated draft approaches to addressing these comments in the Revised EIR/Supplemental EIS. Key comments from conservation organizations on the 2017 Draft EIR/EIS and staff's proposed approach to addressing them are provided in the attached document.

The organization assessment findings identified the need to review key comments on the 2017 Draft EIR/EIS with the Reservoir Committee and Authority Board which this report accomplishes.

Also, by posting these materials on the website they can be referenced should there be any questions or concerns raised by conservation groups or media about the intentions of the Project to review and address these comments.

Prior Action:

April 2020: Directed staff to begin preparation of a Revised EIR to analyze the environmental effects of the options identified in the April 2020 Value Planning Report.

Fiscal Impact/Funding Source:

Sufficient funding exists in the revised work plan to address these comments in the Revised EIR/Supplemental EIS.

Staff Contact:

Ali Forsythe

Attachments:

Attachment A: Key Comments from Conservation Organizations and Approach for Addressing in the Revised EIR/Supplemental EIS

**Key Comments from Conservation Organizations and
Approach for Addressing in the Revised EIR/Supplemental EIS
August 13, 2020**

In August 2017, the Sites Project Authority (Authority) and the Bureau of Reclamation (Reclamation) jointly issued a Draft Environmental Impact Report/Environmental Impact Statement (EIR/EIS) for the Sites Reservoir Project (Project) pursuant to their respective lead agency obligations under the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA). The public comment period on the Draft EIR/EIS was subsequently extended and then closed on January 15, 2018. A total of 137 comments letters and emails were received on the Draft EIR/EIS along with comments received at two public hearings held during the public review period. Of these 137 comment letters, 11 were from conservation organizations (generally defined as non-governmental organizations that work to conserve species and their habitats). Comments and/or issues raised in these letters include:

- Project description and range of alternatives
- Modeling approach, modeling baseline, and modeling analysis
- Operational impacts to fisheries
- Impacts to Trinity River resources
- Indian Trust Assets (ITAs) and impacts to Tribal Cultural Resources
- Impacts to terrestrial species
- Water quality
- Water rights
- Geotechnical and geological data and seismicity
- Additional cumulative impacts

Additional comments were received after the close of the public review period from conservation organizations that generally raised similar issues and concerns to those received during the public comment period.

All letters with comments on the Draft EIR/EIS, including those received after the public comment period ended, have been reviewed. Staff and the consultant teams are working to address the key comments and concerns in these letters in the preparation of the Revised EIR/Supplemental EIS. Table 1 provides a summary of the comments and concerns expressed from conservation organizations on the 2017 Draft EIR/EIS (during the comment period and in subsequent correspondence) along with a summary of the approach to addressing the comment / concern in the preparation of the Revised EIR/Supplemental EIS. A listing of the conservation organizations that commented on the 2017 Draft EIR/EIS either during the comment period or in subsequent correspondence is provided following the table.

Table 1 - Comments and Concerns Expressed by Conservation Organizations on the 2017 Draft EIR/EIS and Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS

Comments and Concerns Expressed	Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS
Project Description and Range of Alternatives	
<p>Inadequate project description:</p> <ul style="list-style-type: none"> • Lacks detail regarding operations including who will operate • Operating rules too vague • Needs to describe prioritization of releases - needs to include an operations plan and diversion schedule • Inadequate statement of objectives • EIR/EIS should be prepared a part of a FERC license application • No discussion as to how water transfers would be facilitated • Increased Sacramento River flows and increased outflows from the Delta are necessary to support native fish and wildlife; EIR/EIS fails to provide a consistent operational plan • Recreational opportunities will be practically nonexistent due to shallow lake levels 	<ul style="list-style-type: none"> • Revise project description to address changes to the Project and clarify operation of the reservoir, including Authority’s role in coordination with Reclamation and DWR. • Update the CEQA project objectives to better reflect the Authority’s objectives and the range of alternatives that will ultimately be analyzed. • Work with Reclamation to update the NEPA purpose and need, as appropriate. • Revise project description to reflect that hydropower would be limited to incidental power upon release for Alternatives 1 and 2 and therefore no hydropower licensing from the Federal Energy Regulatory Commission would be required. • Identify development of a Recreation Management Plan that would include a detailed discussion of the methods to be used to prioritize the potential recreation areas to be constructed and operated.

Table 1 - Comments and Concerns Expressed by Conservation Organizations on the 2017 Draft EIR/EIS and Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS

Comments and Concerns Expressed	Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS
<p>Scope of alternatives is too narrow:</p> <ul style="list-style-type: none"> • Need for alternative that includes WaterFix • Consider more restrictive bypass requirements • Consider smaller reservoirs • Include alternatives that reduce water diversions from the Sacramento River • Analyze more than one operational alternative • Consider other storage alternatives 	<ul style="list-style-type: none"> • Simplify the description of the range of alternatives and alternatives screening process and create a new chapter (or appendix) discussing the alternatives screening process and the range of alternatives analyzed. The information in the Value Planning Report will be used for this effort and the Value Planning Report itself may be attached as an appendix. • Include a discussion of different operational scenarios considered and how/why different operational scenarios were screened out from further consideration. • Describes changes made to the operational scenario since the 2017 Draft EIR/EIS, including changes to operations resulting from the elimination of the Delevan Intake. • Integrate the criteria used in the Value Planning Report into a new chapter (or appendix) to tell the story of how the alternatives were further screened and refined after the 2017 Draft EIR/EIS. • Keep Appendix 2A, Alternatives Analysis of the 2017 Draft EIR/EIS as support for the information ultimately to be included in the document.
<p>No Action Alternative and existing conditions are inappropriately defined:</p> <ul style="list-style-type: none"> • The assumption that the existing conditions and No Action alternatives are the same compromises the ability to compare impacts across alternatives and may minimize the magnitude of some of the impacts • Use of Existing Conditions/No Project/Action baseline biases the analysis and avoids CEQA mitigation requirements • Does not evaluate how No Project Alternative could satisfy consumptive and instream water supply needs 	<ul style="list-style-type: none"> • Incorporate information on the purpose for, and establishment of baseline under CEQA and NEPA along with the purpose for, and establishment of the No Project/No Action Alternative. • Clarify how Existing Conditions/No Project/No Action baseline is consistent with CEQA. • The baseline (existing conditions for CEQA and No Action Alternative for NEPA) will be revised based on updated modeling assumptions. • The Future No Project/No Action will be updated to reflect recent projects / actions (e.g., ROC on LTO and SWP ITP).

Table 1 - Comments and Concerns Expressed by Conservation Organizations on the 2017 Draft EIR/EIS and Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS

Comments and Concerns Expressed	Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS
Modeling Approach, Modeling Baseline and Modeling Analysis	
<p>Inaccurate modeling baseline:</p> <ul style="list-style-type: none"> • Use of old information in the modeling; outdated and insufficient model • Monthly modeling insufficient for addressing fisheries needs • Fails to include several permit conditions imposed prior to the NOP which will be implemented prior to 2030 (primarily the Revised Shasta RPA and Yolo Bypass restoration including the proposed Fremont Weir notch) • Entire project based on the false premise that there is excess water in the Sacramento River not needed for the environment • Flawed because it is assumed full contract deliveries which have never occurred (never more than 75% of contract amounts) • Averaging of model results masks real impacts • Fall X2 per 2008 Delta Smelt BO not appropriately addressed • Need to include climate change assumptions in baseline • Review of appendices indicates alarming flow impacts to the Sacramento River and Sutter Bypass, particularly in drought years • Must demonstrate that future instream flow requirements will not render Sites Reservoir a “stranded asset” • Analysis based on false premise that current flow and water quality standards for the river are adequate 	<ul style="list-style-type: none"> • The baseline in the hydrologic model is being updated. However, some actions suggested by commenters are not included in the CALSIM modeling framework and thus, will not be updated (such as the 1959 contract between the United States and Humboldt County, monthly timestep in CALSIM, and other components that are part of the CALSIM model platform). The document will include an explanation of these components and why they were not modified. • Reservoir operations will be modified and system operations will be updated as compared to what was described in the 2017 Draft EIR/EIS to reflect new baseline conditions such as the ROC on LTO and SWP ITP. • Detailed modeling results will continue to be provided in appendices and summarized in the main document.

Table 1 - Comments and Concerns Expressed by Conservation Organizations on the 2017 Draft EIR/EIS and Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS

Comments and Concerns Expressed	Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS
Operational Impacts to Fisheries	
<p>Evaluation of fishery impacts is lacking:</p> <ul style="list-style-type: none"> • CDFW operational criteria to protect flows and reduce adverse effects on salmon, sturgeon, longfin smelt, Delta smelt, and other native fish species need to be evaluated • Includes arbitrary thresholds of significance for <ul style="list-style-type: none"> ○ Longfin smelt impacts greater than 0 are significant (mandatory finding of significance) ○ Operational impacts of greater than 5% are not called significant • Does not adequately account for importance of flow fluctuations and fishery habitat needs • Impacts to important floodplains (including Sutter and Yolo bypasses) need to be identified • Assumes no impact at fish screens • Diversion will further impact water temperatures downstream of the proposed diversions • Failure to assess impacts from reduced floodplain inundation • Fail to use existing life cycle models • Consider feasible mitigation measures, including minimum bypass flows • Need to demonstrate compliance with California Endangered Species Act (CESA) • Overstates project benefits for threatened and endangered salmonids – not a net benefit 	<ul style="list-style-type: none"> • Eliminate project components/analysis that are no longer applicable (e.g., entrainment at Delevan intake) and revised project description to reflect new alternative components. • Add shaded riverine aquatic habitat analysis. • Add missing descriptions of channel and habitat elements (e.g., bank swallow habitat, riparian veg). • Ensure all elements are discussed for each river reach. • Complete an updated analysis using revised project description and operational scenario and update document and appendices to reflect the analysis and findings. • Complete water temperature modeling for Sites Reservoir and releases and update document and appendices to reflect the analysis and findings. • Cross reference appropriately to either water resources chapters or other hydrologic appendices specifically identifying why certain aspects of the study area are eliminated. • Consolidate methods and delete extraneous material. • Develop more detailed approach to releases into Funks and Stone Corral creeks. • Appropriately define all mechanisms for potential impacts to special-status fish species and identify methods for those mechanisms. • Provide justifications for any criteria used to evaluate thresholds. • Address why a Natural Communities Conservation Plan is not required.

Table 1 - Comments and Concerns Expressed by Conservation Organizations on the 2017 Draft EIR/EIS and Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS

Comments and Concerns Expressed	Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS
<p>Evaluation of Delta water quality and fishery impacts is lacking:</p> <ul style="list-style-type: none"> • Reduced Delta Outflows and impacts on Delta Smelt and other important Bay-Delta species • Delta and Longfin Smelt impacts due to Old and Middle River reverse flows 	<ul style="list-style-type: none"> • Cite to and incorporate current data and information regarding species. • Enhance/clarify numerous discussions (e.g., effects on turbidity in Delta, food web, Delta water quality, non-native species effect on native species). • Support impact determinations with substantial evidence, including updated modeling, and align the species evaluated with appropriate study areas. • Align mitigation correctly with impacts.
Impacts to Trinity River Resources	
<p>Trinity River impacts are not adequately evaluated and mitigated:</p> <ul style="list-style-type: none"> • Need to ‘honestly’ evaluate foreseeable impacts to Trinity River water temperature objectives associated with project operations – revised Trinity River Division (TRD) water operations associated with Sites Projects violates 2000 Trinity River Restoration Program (TRRP) Record of Decision (ROD) • Need to analyze foreseeable impacts to the Trinity River associated with Trinity Lake carryover storage – analysis assumes minimum Trinity Reservoir carryover storage, without sufficient carryover storage would not achieve Trinity River temperature objectives • Temperature modeling of potential impacts in Trinity River water temperatures should be conducted • Impacts to Klamath and Trinity River salmon populations not properly analyzed – need to reference recent legal decisions since the TRRP ROD • Baseline associated with TRD water operations – analysis did not consider use of Humboldt County’s 50 TAF water contract included in the Trinity River Division Act • Concerns expressed regarding meeting fishery/fish habitat management objectives for the Trinity River and Lower Klamath River, including cold water releases and resulting loss of power generation • Mitigation for Trinity River/Lower Klamath impacts needed. 	<ul style="list-style-type: none"> • The Trinity River analysis will be fully described in the alternatives description, hydrology, and modeling and will be cross referenced in the Indian Trust Assets (ITA) chapter. • Appendix 6a Surface Water Resources Modeling will be revised to better explain the Trinity River and TRRP ROD and the results of the impact analysis. • Trinity River aquatic resource impacts will be analyzed based on the results of the revised CALSIM modeling effort. • Re-evaluate the analysis of effects to Trinity River resources and further support the impact determination. • Clarify the relationship between Reclamation’s obligation on the Trinity River including the TRRP ROD, Long-Term Plan to Protect Adult Salmon in the Lower Klamath River ROD, 1959 contract between the United States and Humboldt County, and Reclamation’s tribal trust responsibilities and the Sites Project operations. • Include additional discussion of operations and exchanges that include Shasta, based on alternatives description. • The document will be revised to be clear, including additional supporting analyses as identified above, that the Project will not negatively affect the Trinity River or fisheries on the Trinity River.

Table 1 - Comments and Concerns Expressed by Conservation Organizations on the 2017 Draft EIR/EIS and Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS

Comments and Concerns Expressed	Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS
Indian Trust Assets and Tribal Cultural Resources	
<ul style="list-style-type: none"> • Tribal Consultation and mitigation absent • Indian Trust Assets (ITAs) need to be identified and impacts addressed, including Tribal water demands • Tribal beneficial uses (i.e., water and salmon) impacts not disclosed as well as public trust resources – need to reference reintroduction of salmon and fish passage above Shasta Dam and potential Project effects • Compliance with Public Trust Doctrine and Tribal Trust Obligations – reduced flows would occur in Sacramento, Trinity and Klamath rivers and result in failure to comply with Public Trust doctrine and protect Tribal Trust resources 	<ul style="list-style-type: none"> • Consult with Native American Tribes regarding ITAs. • Explain more fully the TRRP ROD and modeling results and why no impact would occur to Indian Trust Assets on the Trinity River.
<ul style="list-style-type: none"> • Tribal Consultation and Mitigation absent - no consultation outside of footprint area, need to conduct additional AB 52 consultation • Cultural resources evaluations, impacts, and mitigation not completed or appropriately identified (including cumulative impacts) 	<ul style="list-style-type: none"> • Consult with Native American Tribes regarding the Value Planning Report and revised alternatives. • Continue tribal consultation consistent with AB 52, including identification of Tribal Cultural Resources (TCRs), impacts to TCRs, and mitigation strategies.

Table 1 - Comments and Concerns Expressed by Conservation Organizations on the 2017 Draft EIR/EIS and Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS

Comments and Concerns Expressed	Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS
Impacts to Terrestrial Resources	
<p>Inadequate assessment of terrestrial biological resources:</p> <ul style="list-style-type: none"> • Coordination with CDFW not consistently identified • Giant garter snake impacts and mitigation inadequate • Outdated survey information – inaccurate estimation of impacts • Inadequate assessment of impacts to wildlife refuges – bird strikes associated with powerlines and overall impacts to Delevan National Wildlife Refuge (NWR) as well as surrounding private lands; need to evaluate impacts to Colusa and Sutter NWRs • Additional wetland surveys and mitigation required • Ecological effects of the Project inadequately analyzed - should address from the top of contributing watersheds 	<ul style="list-style-type: none"> • The environmental baseline will be updated as follows: <ul style="list-style-type: none"> ○ Focused updating of old references in resource sections; ○ Desktop update based on more recent data, focusing on update for key resources (e.g., water quality, wildlife, aquatics); and ○ Update information for threatened and endangered species habitats based on biological assessments and additional information developed for state listed special-status species information will be collected on species occurring in the expanded study area. • The EIR/EIS analysis will be supported through the ongoing coordination/consultation with resource agencies, including CDFW. • Add shaded riverine aquatic habitat analysis. • Address why a Natural Communities Conservation Plan is not required.
<p>Wildlife mitigation actions are too broad:</p> <ul style="list-style-type: none"> • Mitigation measures are too broad and need to be more specific by species including ratios/performance standards 	<ul style="list-style-type: none"> • Information/analysis in Fluvial Geomorphology Chapter would be added to Wildlife Resources chapter for impacts to various riparian species (i.e., riparian to Wildlife Resources to keep terrestrial habitat discussions together and habitat complexity to Wildlife Resources to keep habitat discussions together). • Information/analysis from Vegetation Resources would be cross referenced to Wildlife Resources. • Impacts will be addressed under umbrella headings (e.g., GGS locations/impacts), redefine/re-organize impact types and not make multiple findings for each project component but will consolidate findings. • Golden eagle analysis will be expanded to support future permits. • More robust mitigation measures will be developed to avoid deferred mitigation comments.

Table 1 - Comments and Concerns Expressed by Conservation Organizations on the 2017 Draft EIR/EIS and Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS

Comments and Concerns Expressed	Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS
<p>Inadequate evaluation of rare plants and botanical resources:</p> <ul style="list-style-type: none"> • Analysis should include guidelines and sufficient information for informed evaluation • Information is insufficient to determine the impacts on botanical resources within the Project area. Botanical surveys must be redone. Data included are from the late 1990s and early 2000s, and do not include all of the Project area • Accepted scientific protocols should be used to conduct surveys • Biological surveys, including rare plants, are inadequate 	<ul style="list-style-type: none"> • Consolidate wetland and other waters discussion with special-status plant species discussion into one chapter called Vegetation Resources. • Conduct updated species desk top documentation and vegetation mapping. • Use available LIDAR data. • Base impacts primarily on updated aerial interpretations and species models rather than earlier survey results. • Ensure impacts appear under umbrella headings, redefine and re-organize impact types. Do not make multiple findings for each project component – consolidate findings. • More robust mitigation measures will be developed to avoid deferred mitigation comments.
Water Quality	
<p>Water Quality issues related to the reservoir and downstream impacts:</p> <ul style="list-style-type: none"> • Need to further address selenium, mercury, hazardous materials, salt / salinity impacts in Sites Reservoir and in the Delta • Reduced flows from Shasta and Keswick – concerns over metals and reduced dilution; reduced cold/fresh water to the Delta • Potential salinity issues from Sites Reservoir releases – need a reservoir management plan <ul style="list-style-type: none"> ○ Inadequate description of changes in salinity at Contra Costa Water District’s diversion facilities • Inadequate description of impacts on Sacramento River water quality <ul style="list-style-type: none"> ○ Models inadequate to accurately assess temperature impacts 	<ul style="list-style-type: none"> • Update the Surface Water Quality discussion with more information and analyses on the following: <ul style="list-style-type: none"> ○ Harmful Algae Blooms (HABs) ○ Mercury ○ Salinity changes in Sites Reservoir and downstream (in Delta) ○ Overall water quality data, including sport fishing tissue testing • Describe antidegradation policies as a requirement of the Water Board. • Complete the following updates to the Surface Water Quality analysis: <ul style="list-style-type: none"> ○ Update data with water quality results provided by modeling ○ Include HAB qualitative analysis ○ Include mercury/methylmercury analysis addressing airborne, soil born, reservoir fluctuation, other sources/mechanisms of mercury/methylmercury in the reservoir and in other areas (e.g., Yolo Bypass) ○ Revise and expand Delta salinity evaluation ○ Address issues related to Salt Lake water quality and revise the analysis to account for changes in Project construction or design measures that

Table 1 - Comments and Concerns Expressed by Conservation Organizations on the 2017 Draft EIR/EIS and Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS

Comments and Concerns Expressed	Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS
	<p>may be implemented to address this natural feature in the reservoir footprint</p> <ul style="list-style-type: none"> ○ Add standard construction impacts, including impacts of tunneling ○ Add operation impacts related other Project components not specifically related to the intake/release of the reservoir ○ Incorporate model results and address potential impacts (including beneficial effects) to water quality in the Colusa Basin Drain. <ul style="list-style-type: none"> ● Incorporate reservoir water temperature modeling and analysis of release water temperatures to the Colusa Basin Drain and/or Sacramento River.
Water Rights	
<ul style="list-style-type: none"> ● Inadequately addresses required water right amount, timing, and relationship with CVP and SWP ● Lack of meaningful information about water rights – how will the project ensure only tributary water will be diverted to Sites ● Compliance with California Reasonable Use Doctrine not demonstrated - reasonableness requires evaluation of alternative water supplies to meet given need and evaluation of the impacts of new water uses on existing legal uses and water users 	<ul style="list-style-type: none"> ● Identify the water rights necessary to implement the Project in the project description. ● Describe the water rights approval process and how the information contained in the EIR/EIS will support that process. This will incorporate relevant text that is currently in the 2017 Draft EIR/EIS Public Services/Utilities chapter into the alternatives description chapter.
Geology and Geomorphology	
<ul style="list-style-type: none"> ● Fluvial geomorphology analysis is adversely affected by Sacramento River between Colusa and Red Bluff being considered part of Secondary Study area 	<ul style="list-style-type: none"> ● Comments related to Delevan intake/release location would not be explicitly addressed as this is no longer part of the Project. ● Incorporate revised model results and update / revise potential impacts, as appropriate. ● Reference new sedimentation information included in the update to 2019 Appendix 8A, Sedimentation and River Hydraulics Model. ● Develop components of the Reservoir Management Plan regarding sediment management and include as part of the Project to add more clarity on future operations and maintenance activities.

Table 1 - Comments and Concerns Expressed by Conservation Organizations on the 2017 Draft EIR/EIS and Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS

Comments and Concerns Expressed	Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS
<p>Geology analysis is lacking information necessary to adequately evaluate impacts:</p> <ul style="list-style-type: none"> • Fails to adequately address reservoir-triggered seismicity (RTS) on local communities and structures – needs to fully examine the role of frequent filling/emptying of reservoir in triggering earthquakes • Site-specific geotechnical data missing • Source of rockfill material for riprap - further field investigation is needed to verify local bedrock is suitable • Number of saddle dams indicative of poor project feasibility 	<ul style="list-style-type: none"> • Include specific information from project description on how project design or environmental commitments will address impacts. For example, expand on this sentence from Chapter 17, Faults and Seismicity: “Project design would address the potential for such instability such that there would be a less-than-significant impact.” • Describe requirements of California Department of Water Resources (DWR), Division of Safety of Dams, for both seismic and nonseismic design. • Discuss the multiple lines of defense or design redundancy required to meet DWR Division of Safety of Dams design standards. • Cross reference information from project description to show that dams will be designed to withstand seismic events, including reservoir triggered seismicity. • Will update analysis based on recent and ongoing geotechnical investigations.
Additional Cumulative Impacts	
<p>Incomplete cumulative impact assessment:</p> <ul style="list-style-type: none"> • Fails to adequately analyze cumulative impacts and fails to disclose potentially significant adverse impacts to aquatic resources • Need to incorporate WaterFix and Shasta Lake Water Resources Investigation • Not fully analyzed including recent water transfers • Inadequate in addressing greenhouse gases - recommends use of World Bank’s guidelines on greenhouse gas measurement • Incomplete cumulative impact assessment pertaining to TRD operations – impact of carryover storage to meet temperature objectives during multi-year droughts; impact on CVP power generation 	<ul style="list-style-type: none"> • Update cumulative analysis using surface model results/operational scenario and with additional projects (e.g., Delta Conveyance). • Clarify that Project will not affect Reclamation’s commitment to implement the TRRP ROD or Long-Term Plan to Protect Adult Salmon in the Lower Klamath River ROD. • Describe cumulative effects using the same methodology presented in the 2017 EIR/EIS Cumulative Chapter, but add more clarity about what projects are included in the cumulative impact analysis and why. Add additional details about the model representing cumulative conditions. Include more robust discussion of individual resources. • Incorporate information and identify that projects noted by commenters were (and are) included in the cumulative analysis. Crosswalk between the

Table 1 - Comments and Concerns Expressed by Conservation Organizations on the 2017 Draft EIR/EIS and Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS

Comments and Concerns Expressed	Summary of the Approach to Addressing in the Preparation of the Revised EIR/Supplemental EIS
	<p>commenter-suggested plans and projects and demonstrate that the commenter suggestions either were considered or were not applicable.</p> <ul style="list-style-type: none"> • Update Appendix 31B, CVP-SWP Power Modeling with new operational assumptions, analysis based on these new assumptions, and resulting impact determinations.

Conservation Organizations and Tribal Nations with Species / Habitat Comments that Commented on the 2017 Draft EIR/EIS Either During the Comment Period or in Subsequent Correspondence

AquAlliance
Bay Institute
Butte Environmental Council
California Indian Water Commission
California Native Plant Society, Sacramento Valley Chapter
California Sportfishing Protection Alliance
California Water Impact Network
California Wilderness Coalition
Center for Biological Diversity
Chico 350
Coast Action Group
Colusa Indian Community Council
Conservation Fly Fishers International Northern California Council
Defenders of Wildlife
Environmental Justice Coalition for Water
Environmental Water Caucus
Fly Fishers of Davis
Fly Fishers International
Freedom Earth Democracy
Friends of the River
Golden Gate Salmon Association
Institute for Fisheries Resources
Karuk Tribe
Klamath Riverkeeper
Natural Resources Defense Council
The North Coast Environmental Center
Northern California Watershed Alliance
Pacific Coast Federation of Fishermen's Associations
Planning and Conservation League
Protect American River Canyons
Sacramento River Council
Sacramento River Preservation Trust
Safe Alternatives for our Forest Environment
San Francisco Baykeeper
Save the American River Association
Save California Salmon
Save the Klamath-Trinity Salmon
Sierra Club
Southern California Watershed Alliance
Water Climate Trust
Winnemem Wintu Tribe
Women's International League for Peace



Topic: **Reservoir Committee Agenda Item 3.2**

2020 August 21

Subject: **Permitting and Agreement List**

Requested Action:

Review and comment on Permitting and Agreement List.

Detailed Description/Background:

In June 2020, the Reservoir Committee and Authority Board approved an Approach to Permit and Agreement Negotiations for Environmental Planning, Permitting and Operations activities. This approach identified a process for managing the negotiations of permit and operating agreement terms and conditions with state and federal agencies.

Staff has developed the attached listing of key permits and agreements for the environmental planning, environmental permitting and reservoir operations activities to: (1) provide a quick reference on staff / member contacts for different agreements and (2) begin to plan and manage workload and efforts for staff and members participating in permitting / agreement negotiations. This listing focuses on those permits and agreements through the end of calendar year 2022. The listing identifies permit / agreement, purpose / key components anticipated to be addressed in the permit / agreement, negotiations timeframe, lead negotiator, negotiations team and the work group involved. Lead negotiators are identified for all activities to plan workload for staff. Negotiations teams are identified for the permitting and agreement efforts that are underway. Additional negotiations teams will be identified as activities are initiated.

The listing will be updated periodically as needed.

Prior Action:

June 2020: Approved an Approach to Permit and Agreement Negotiations, Environmental Planning, Permitting and Operations which identified a process for managing the negotiations of permit and operating agreement terms and conditions with state and federal agencies.

Fiscal Impact/Funding Source:

Sufficient funding exists within the approved work plan (budget) to cover the cost associated with conducting the negotiations planned in the period.

Staff Contact:

Ali Forsythe

Attachments:

Attachment A: Environmental Planning, Environmental Permitting, and Reservoir Operations Permits and Agreements - Lead Negotiator and Negotiations Team, Dated August 12, 2020

Environmental Planning, Environmental Permitting, and Reservoir Operations Permits and Agreements
Lead Negotiator and Negotiations Team
Focused on Activities Thru End of 2021
Draft – August 12, 2020

Permit / Agreement	Agency With	Purpose / Key Components Addressed*	Negotiations Timeframe	Tiered from EIR/EIS	Lead Negotiator*	Negotiations Team	Work Group
Sites / Reclamation Operations Agreement	Bureau of Reclamation	<ol style="list-style-type: none"> 1. Coordination of Sites water deliveries with Reclamation’s operation of the Central Valley Project (CVP) 2. Exchanges with Shasta and Folsom reservoirs (Within Year and Real-time) 3. Sites water accounting in the context of the Coordinated Operations Agreement for the CVP and State Water Project (SWP) 4. Conveyance and operational losses 5. Exchanges and transfers from Sites-participants to non-Sites CVP contractors 6. Water rights and point of delivery considerations 7. Note, need to determine if this agreement will also cover Warren Act contract, modifications to Federal Facilities (Funks, turnout for Dunnigan pipeline, etc.), and land license / lease of lands (for any facilities located of Federal lands). Might be best to have these as separate agreements as there are separate standard form of contracts and requirements for these in Reclamation. 	<p>Now thru Spring 2022</p> <p>Term Sheet 6/2021</p> <p>Final Agreement Spring 2022</p>	Yes	Jerry Brown (lead) and Erin Heydinger	Cinda Kao Rob Kunde Randall Neudeck Dan Ruiz Jeff Sutton	Ops and Engineering
Sites / State Operations Agreement	Department of Water Resources	<ol style="list-style-type: none"> 1. Coordination of Sites water deliveries with DWR’s operation of the SWP 2. Exchanges with Oroville reservoir 3. Sites water accounting in the context of the Coordinated Operations Agreement for the CVP and SWP 4. Conveyance and operational losses 5. Exchanges and transfers from Sites-participants to non-Sites SWP contractors 6. Water rights and point of delivery considerations 	<p>Now thru Spring 2022</p> <p>Term Sheet 6/2021</p> <p>Final Agreement Spring 2022</p>	Yes	Ali Forsythe (lead) and Erin Heydinger	Same team as Sites / Reclamation Operations Agreement	Ops and Engineering

Permit / Agreement	Agency With	Purpose / Key Components Addressed*	Negotiations Timeframe	Tiered from EIR/EIS	Lead Negotiator*	Negotiations Team	Work Group
Plan of Finance (placeholder)	Sites Reservoir Committee	<ol style="list-style-type: none"> Governance and Policy Oversight Delegation of Authority Allocation of capital costs and operating costs (fixed and variable, beneficiary pays) Definition of project vs. non-project costs Storage as a benefit (consistent with the Storage Policy) Definition of water marketplace Conflict resolution 	<p>11/2020 thru Spring 2022</p> <p>Term Sheet 6/2021</p> <p>Final Agreement Spring 2022</p>	Must be consistent with and can't be signed until CEQA completed	JP Robinette		TBD
Sites / GCID Operations Agreement	Glenn Colusa Irrigation District (GCID)	<ol style="list-style-type: none"> Use of GCID facilities Operations and maintenance responsibilities Roles and responsibilities between the Authority and GCID Costs and payments Modification to GCID facilities (here or separate?) 	<p>1/2021 thru Spring 2022</p> <p>Term Sheet 6/2021</p> <p>Final Agreement Spring 2022</p>	Must be consistent with and can't be signed until CEQA completed	JP Robinette (lead) and Kevin Spesert		Ops and Engineering and Lands Management
Sites / TCCA Operations Agreement	Tehama-Colusa Canal Authority (TCCA)	<ol style="list-style-type: none"> Use of TCC facilities Operations and maintenance responsibilities Roles and responsibilities between the Authority and TCCA Costs and payments Modification to TCC facilities (here or separate?) <p>Who has authority to grant use and modification permissions (TCCA or Reclamation)? Need to determine how this agreement dovetails with Reclamation Warren Act contract, facility modification agreement, and land license.</p>	<p>1/2021 thru Spring 2022</p> <p>Term Sheet 6/2021</p> <p>Final Agreement Spring 2022</p>	Must be consistent with and can't be signed until CEQA completed	JP Robinette (lead) and Kevin Spesert		Ops and Engineering and Lands Management
Biological Assessment	Bureau of Reclamation, U.S. Fish and Wildlife Service, National Marine Fisheries Service	<ol style="list-style-type: none"> Compliance with Federal ESA requirements for construction and operations, including incidental take of listed species Compliance with related statute such as the Migratory Bird Treaty Act, Magnuson Stevens Fishery Conservation and Management Act, etc. 	<p>9/2020 thru early 2022</p> <p>Submit BA 6/2021</p> <p>BO target late 2021</p>	Yes	Jerry Brown		Enviro Planning and Permitting

Permit / Agreement	Agency With	Purpose / Key Components Addressed*	Negotiations Timeframe	Tiered from EIR/EIS	Lead Negotiator*	Negotiations Team	Work Group
Eagle Take Permit	Bureau of Reclamation and U.S. Fish and Wildlife Service	Compliance with the Bald and Golden Eagle Act	9/2020 thru early 2022 Submit Application 6/2021 Permit target late 2021	Yes	Jerry Brown		Enviro Planning and Permitting
State Incidental Take Permit – Operations	CA Department of Fish and Wildlife	Compliance with State ESA (Section 2081.1 of Fish and Game Code) for operations, including incidental take of listed species	9/2020 thru late 2022 Submit Application 12/2021 ITP target late 2022	Yes	Jerry Brown		Enviro Planning and Permitting
State Incidental Take Permit – Construction	CA Department of Fish and Wildlife	Compliance with State ESA (Section 2081.1 of Fish and Game Code) for construction, including incidental take of listed species	9/2020 thru late 2022 Submit Application 12/2021 ITP target late 2022	Yes	Jerry Brown		Enviro Planning and Permitting
Section 106 Programmatic Agreement	Bureau of Reclamation; State Historic Preservation Officer; Tribes	Compliance with Section 106 of the National Historic Preservation Act thru completion of a Programmatic Agreement	9/2020 thru 12/2021	Yes	Kevin Spesert		Enviro Planning and Permitting
AB 52	Tribes	Compliance with AB 52	Now thru end of EIR effort (Spring 2022)	Yes	Kevin Spesert	Same as Section 106	Enviro Planning and Permitting
Water Right Permit	State Water Resources Control Board	Compliance with California Water Code	9/2020 thru end of 2022	Yes	Ali Forsythe		Enviro Planning and Permitting

Permit / Agreement	Agency With	Purpose / Key Components Addressed*	Negotiations Timeframe	Tiered from EIR/EIS	Lead Negotiator*	Negotiations Team	Work Group
Clean Water Act Section 404 and River and Harbors Act Section 10	Army Corps of Engineers	Compliance with Clean Water Act Section 404 for construction and operations	9/2020 thru end of 2022	Yes	Ali Forsythe		Enviro Planning and Permitting
Clean Water Act Section 401 and 402 (NPDES Permit) and Porter Cologne Water Quality Control Act	State Water Resources Control Board	Compliance with Clean Water Act Section 401 and 402, and the Porter Cologne Water Quality Control Act	9/2020 thru end of 2022	Yes	Ali Forsythe	Same as 404	Enviro Planning and Permitting
Rivers and Harbor Act, Section 14 (USC Section 408), if needed	Army Corps of Engineers	Compliance with River and Harbors Act Section 408 for actions in and near a Federally-authorized flood control project	9/2020 thru end of 2022	Yes	Ali Forsythe		Enviro Planning and Permitting
Central Valley Flood Protection Board Encroachment Permit	Central Valley Flood Protection Board	Compliance with Title 23 of the California Code of Regulations (CCR Title 23, Div 1 Central Valley Flood Protection Board (July 2014))	9/2020 thru end of 2022	Must be consistent with and can't be signed until CEQA completed	Ali Forsythe	Same as Rivers and Harbor Act Section 14	Enviro Planning and Permitting
Sites/Colusa Basin Drain (CBD) entities and landowners	???	<ol style="list-style-type: none"> 1. Use of CBD for conveyance 2. Operations and maintenance responsibilities 3. Roles and responsibilities between the Authority and CBD entities and landowners 	9/2020 thru end of 2022	Must be consistent with and can't be signed until CEQA completed	JP Robinette (lead) and Kevin Spesert		Ops and Engineering / Lands Management
WSIP Public Benefits – Biological	CA Department of Fish and Wildlife	Comply with Prop 1 requirements for public benefits	1/2021 thru end of 2022	Must be consistent with and can't be signed until CEQA completed	Ali Forsythe		Enviro Planning and Permitting

Permit / Agreement	Agency With	Purpose / Key Components Addressed*	Negotiations Timeframe	Tiered from EIR/EIS	Lead Negotiator*	Negotiations Team	Work Group
WSIP Public Benefits – Flood and Recreation	CA Department of Water Resources	Comply with Prop 1 requirements for public benefits	1/2021 thru end of 2022	Must be consistent with and can't be signed until CEQA completed	Ali Forsythe		Enviro Planning and Permitting
2022 and Beyond Permits (Would need to verify the need for some of these depending on final alternative selected)							
Lake and Streambed Alteration Agreement	CDFW	Comply with Section 1600 of Fish and Game Code			Ali Forsythe		Enviro Planning and Permitting
State Land Use Lease (Need TBD)	California State Lands Commission	Work on sovereign land; specifically, below OHWM of Sacramento River			Ali Forsythe		Enviro Planning and Permitting
SMARA mining permit	Glenn and Colusa Counties	Borrow pitting exceeding 1 acre or removal of more than 1,000 cubic yards of material			Ali Forsythe		Enviro Planning and Permitting
Plan Approval	DWR- Div. of Safety of Dams	Water Code, Div. 3, Part 1 & 2			Henry Luu		Ops and Engineering
Permit to Construct/Operate	Air Districts	Warren-Alquist Act and Clean Air Act			Ali Forsythe		Enviro Planning and Permitting
Encroachment Permits	Caltrans	Allow construction and operations of facilities that impact state highways			Henry Luu		Enviro Planning and Permitting

* Per the approved approach the lead negotiator is the Executive Director, except where delegated. In making these assignments, the Executive Director has established expectations for managing the process, coordinating/communicating with the negotiations team and the Boards, and coordinating with other activities. These assignments are subject to change by the Executive Director.

Requested Action:

Receive status update on preliminary participation levels, outreach efforts related to maintaining project subscription in Second Amendment to 2019 Reservoir Project Agreement (Amendment 2) and the process of rebalancing participation.

Detailed Description/Background:**Preliminary Participation Levels:**

Soft call results and participation agreement status have been updated and are included in Attachment A.

Informal discussion has occurred to date with San Joaquin Valley interests that are primarily looking to secure new water supplies to address anticipated SGMA issues.

It should be noted that Reclamation's draft Final Feasibility Report finds that there is a federal interest in the project and federal investment is warranted. This can be considered an expression of interest by Reclamation. It's not yet timely to allocate capacity shares to Reclamation, but their interest is something the Reservoir Committee should consider as it deliberates actions to be taken to achieve full subscription.

Outreach and Rebalancing:

Staff has initiated outreach to existing, prior and new participants in the Sacramento Valley to determine interest in additional capacity. Existing members Colusa County Water District and Westside Water District are in the process of polling for increased participation interest. No prior or new interested parties have stepped forward within the Sacramento Valley at this time. Staff has moved to priority two and three of outreach and will be proceeding to priority four, providing an update at the September meeting.

As a reminder, new and returning participants must be approved for admission according to Section 10 of the Participation Agreement, which includes a 75% weighted approval at the Reservoir Committee and 75% of Authority Board director approval as well as other requirements.

For reference, the approved priority system is as follows:

1. The goal is total Sacramento Valley participation of ~25%. Priority is given to current, prior and new Sacramento Valley participants in that order.
2. Existing Reservoir Committee participating members (with sub-priorities by seniority).
3. Prior Reservoir Committee participating members (with sub-priorities by exit date).

4. Nonparticipants. Priority for new participants outside of Sacramento Valley.

The process for a participant securing a position in the participation queue involves the following steps:

- Participants submit a letter of intent for new or increased participation prior to September 10, 2020 to secure a position in the queue. The letter should acknowledge the potential financial commitment.
- Staff prioritizes requests based on the approved rebalancing priority system and conducts due diligence on the interested party.
- At the September meetings, the Reservoir Committee and Authority Board direct staff to offer capacity to participants in the queue.

Schedule:

The following items will be considered at the Reservoir Committee and Authority Board at their monthly meetings:

- August: Outreach update.
- September: Final participation levels for current members (executed agreements), approval of participation queue, vote to onboard new participants.
- October: Final participation levels for new members (executed agreements), approval of the final Exhibit A to the Participation Agreement, invoices sent for payment.

Prior Action:

July 22, 2020: The Reservoir Committee received a status update on preliminary participation levels, outreach efforts related to maintaining project subscription in Second Amendment to 2019 Reservoir Project Agreement (Amendment 2) and the process of rebalancing participation. Staff notified the Reservoir Committee that outreach was proceeding to priorities two and three.

June 18, 2020: The Reservoir Committee received a status update on preliminary participation levels, outreach efforts related to maintaining project subscription in Second Amendment to 2019 Reservoir Project Agreement (Amendment 2) and the process of rebalancing participation.

May 21, 2020: The Reservoir Committee accepted Exhibit B (2020 and 2021 budget) to the Second Amendment to 2019 Reservoir Project Agreement and directed staff to begin outreach to potential participants based on the proposed priority system to explore interest in Sites capacity, if available.

May 5, 2020: At a Reservoir Committee workshop, staff provided information on changes to the cash call process and schedule in light of potential economic impacts of the COVID-19 natural disaster on participating member agencies. A two-step cash call process including a "Soft Call" and a "Hard Call" will be used to better plan for changes in participation. The due date of the first cash call of \$60/AF will be moved two months out to November 1, 2020. The due date of the second cash call will be moved two months out to April 1, 2021 and will be up to \$40/AF. The Amendment 2 work will still begin on September 1, 2020.

Fiscal Impact/Funding Source:

The total cash call remains unchanged from the approved Amendment 2 work plan in the total amount of \$100/AF. With the Amendment 1B carryover funds it may be possible to reduce the total cash call. However, Staff proposes to keep the first call at \$60/AF and reassess the second call currently projected at \$40/AF midway through the Amendment 2 work. At that time, any adjustments to the second call can be considered based on the then current projections. Participating members can consider the second call to be an “up to” amount since the Amendment 1B carryover represents previously unanticipated funds for the Amendment 2 work plan.

Staff Contact:

Jerry Brown

Attachments:

Attachment A – Preliminary Amendment 2 Participation Table.

Preliminary Amendment 2 Participation Table Reservoir Committee

Working Draft, Subject to Change

Participant	Amendment 2 Agreement Status	Phase 2 (2019) Participation Level (Ref, AF)	Participation Level (AF) Staff Recommendation	Variance (AF)	Participation Increase Interest (AF)
Antelope Valley East Kern WA		500	500	0	
Carter Mutual Water Company		300	300	0	
City of American Canyon		4,000	4,000	0	
Coachella Valley Water District	Approved	10,000	10,000	0	
Colusa County	Approved	10,000	10,000	0	
Colusa County WD**		11,975	6,000	-5,975	
Cortina WD		450	450	0	
Davis Water District		2,000	2,000	0	
Dunnigan WD	Approved	2,717	2,717	0	
Desert WA		6,500	6,500	0	
Glenn Colusa Irrigation District		5,000	5,000	0	
LaGrande water district		1,000	1,000	0	
Metropolitan Water District of Southern California		50,000	50,000	0	
RD-108	Approved	4,000	4,000	0	
San Bernardino Valley Municipal Water District	Approved	21,400	21,400	0	
San Geronio Pass Water Agency	10,000 Approved, 4,000 Pending	14,000	14,000	0	
Santa Clara Valley WD***		16,000	7,800	-8,200	
Santa Clarita Valley Water Agency	Approved	5,000	5,000	0	
Westside W.D.**	Approved	15,000	2,000	-13,000	
Zone 7 Water Agency	Approved	10,000	10,000	0	
Wheeler Ridge-Maricopa WSD	Approved	3,050	3,050	0	
Pacific Resources MWC*		0	0	0	10,000
Gebhardt Holdings*		0	0	0	10,000
Rio Bravo Rosedale Water District*		0	0	0	500
Total		192,892	165,717	-27,175	20,500

*New or returning participant indicating interest

**Indicated possibility for higher participation, lower projected participation level shown

***This is staff's recommendation to the Water Storage Exploratory Committee. A recommendation to the Board is pending feedback from the committee.



Topic: **Reservoir Committee Agenda Item 3.4** **2020 August 21**

Subject: **Engineering Feasibility and Cost Certainty Considerations**

Requested Action:

Review and Comment on Engineering Feasibility Approach for Improved Cost Certainty.

Detailed Description/Background:

In the fall of 2019, the Sites Project Authority undertook a value planning effort that assessed the “right size” of the project based on overall objectives, participation levels, and expected permitting criteria. The result of this assessment is a 1.5 million-acre-foot (MAF) reservoir that utilizes existing conveyance systems for water diversions and releases. The “right size” facility changes, along with other project modifications, resulted in a project cost savings of over \$2 billion.

This new project configuration is currently undergoing feasibility-level design and, as result of project changes, has technical uncertainties that may impact design assumptions and project cost estimates. A high-level gap analysis has been prepared on the focus areas that may have the greatest near-term impact on project feasibility and cost certainty as follows:

- Geologic and Geotechnical Data – there is insufficient historical data to inform feasibility design. This lack of information may influence the engineering team to make misinformed decisions on design approaches, which can affect project cost and affordability certainty. In order to mitigate this uncertainty, the Bureau of Reclamation will be assisting the project with support of additional geologic and geotechnical investigations to inform and verify project feasibility design.
- Colusa Basin Drain (CBD) Feasibility - the preferred conveyance operation for releases from Sites Reservoir will allow up to 1,000 cubic feet per second (cfs) of water to be released through the Dunnigan pipeline alignment and into the CBD. Hydraulic analysis of the CBD as a viable project conveyance feature has not been completed. If the CBD cannot accommodate project flows, then an alternative option is to extend the Dunnigan pipeline alignment further east to the Sacramento River. The cost difference between the Dunnigan pipeline alternatives will influence project cost and affordability. The engineering team is currently working to complete hydraulic modeling of the CBD to verify conveyance capacity and other considerations.
- Regulatory Required Emergency Drawdown and Release Impacts – in the extreme and unanticipated condition that the reservoir has to be drawdown due to emergency, localized flooding downstream may occur. The extent of these potential impacts have not yet been evaluated in detail. It should be noted that the reservoir provides flood control benefits by controlling currently uncontrolled streams and creeks, which will reduce localized flooding on a regular basis. On net the frequent flood control benefits far outweigh the very low risk of infrequent, if ever, emergency releases. To improve understanding of the risk and the potential scale of these rare emergency events, an inundation review encompassing the potential release areas will be performed.
- Power Transmission and Delivery - there are two power transmission and delivery service providers located within vicinity of the project: Pacific Gas and Electric (PG&E) and Western Area Power Administration (WAPA). In order to progress with feasibility design and

analysis, the project requires coordination with both providers for information about their existing facilities, planned facilities, capacity, and design guidance. Contact has been initiated with PG&E and WAPA, and the next step in advancing coordination and data needs is to submit an Interconnection Application. The applications allow PG&E and WAPA to initiate their respective System Impact Study and Facilities Study, which will inform feasibility design and appropriate cost estimate of the project electrical facilities.

- Salt Laden Spring Water in Reservoir Area – Saline water has been observed to seep from underground springs within the proposed inundation area of the Sites Reservoir. Mitigation measures may be needed to address the situation. This uncertainty affects the project permit ability and cost certainty.
- Agency Coordination and Reviews – the project will require jurisdiction approvals from the Department of Water Resources Division of Safety of Dams (DWR DSOD). The project team will implement an early engagement plan with the DWR DSOD to assist with expediting reviews and acceptance of project features. This will also provide improved project cost certainty.

The above focus areas will be priority for the upcoming Phase 2 work. A well-developed feasibility study will be prepared, which is essential for obtaining improved project cost and affordability certainty.

These focus areas have been reviewed with the Operations and Engineering Workgroup. Another potential risk raised by the workgroup members is project soil material needs and source sufficiency, which will be addressed as part of the Phase 2 feasibility analysis.

Prior Action:

None.

Fiscal Impact/Funding Source:

Sufficient funds exist within the revised work plan (budget) to accommodate completing this work as part of Phase 2 efforts. The results of this work feeds into the project cost estimate task, which will occur as part of the feasibility analysis. The scheduled completion date for the feasibility analysis is July 1, 2021.

Staff Contact:

Henry Luu

Attachments:

None.



Topic: **Reservoir Committee Agenda Item 3.5** **2020 August 21**

Subject: **Review of Ralph M. Brown Act – Closed Sessions**

Requested Action:

Receive report by Legal Counsel reviewing provisions of the Ralph M. Brown Act related to closed sessions.

Detailed Description/Background:

The approved OA Report included a recommendation that a review of the provisions of the Brown Act be provided to educate the Reservoir Committee and Authority Board on the circumstances under which closed sessions would be appropriate. Legal Counsel has prepared a report (attachment A) and will be making a presentation. All governing bodies of local agency's within California are subject to these same provisions of the Brown Act.

Prior Action:

April 17, 2020: Accepted plan and schedule for addressing the Organizational Assessment findings and recommendations.

November 21, 2019: Darling H2O Consulting, Inc. presented the draft Organizational Assessment.

August 26, 2019: Approved a budget reallocation for the organizational assessment and execution of a sole-source professional services agreement with Darling H2O to perform an organizational assessment.

July 22, 2019: Discussed working on an organizational assessment plan to evaluate the structure of the Sites Project's program management team, Reservoir Committee and the Authority.

Fiscal Impact/Funding Source:

Sufficient funds exist within the Amendment 1B work plan (budget) to perform this analysis and create this report to the Boards within the Legal Counsel services contract provided by Young Wooldridge.

Staff Contact:

Jerry Brown

Attachments:

Attachment A – Memo from Young Wooldridge, LLP

TO: Sites Project Authority Board and Reservoir Committee
FROM: Scott K. Kuney; Alan F. Doud
DATE: August 13, 2020
RE: Review of the Brown Act – Items Appropriate for Closed Session

I. Background

Meetings of the Authority’s Board of Directors and of the Reservoir Committee (each a “Board” and together the “Boards”) are considered meetings of a legislative body of a local agency as those terms are defined under the Brown Act (Gov. Code § 54950 *et seq.*).¹ All meetings must therefore be open to the public, all Board actions be taken openly, and all Board deliberations be conducted openly. (§§ 54950; 54953(a).)

That said, the Brown Act authorizes the Boards to take certain actions and undertake certain deliberations in closed session in limited circumstances. (§ 54954.5.) The following addresses the request for a memorandum concerning appropriate topics for the Boards to discuss and act upon in closed session.

II. Topics Eligible for Closed Session

The Brown Act includes numerous exceptions that allow public agencies to meeting in closed session. Many of the exceptions are inapplicable to the Authority, and therefore we only address the exceptions upon which the Authority is likely to rely on a routine basis.²

a. Litigation

The Brown Act specifically authorizes the Board to hold a closed session “to confer with, or receive advice from, its legal counsel regarding pending litigation when discussion in open session concerning those matters would prejudice the position of the local agency in the litigation.” (§ 54956.9(a).) A matter is considered pending if “litigation . . . has been initiated formally, a point has been reached where . . . there is a significant exposure to litigation . . ., or the local agency has decided to initiate or is deciding whether to initiate litigation.” (§ 54956.9(d).)

Litigation also includes “adjudicatory proceedings, including . . . before a court, administrative body exercising its adjudicatory authority, hearing officer, or arbitrator.” (§ 54956.9(c).)

¹ All section references shall be to the Brown Act unless otherwise noted.

² Such inapplicable exceptions include those for joint powers authorities formed for purpose of insurance pooling (§ 54956.96), multijurisdictional law enforcement agencies (§ 54957.8), discussions for early withdrawal of funds in a deferred compensation plan (§ 54957.10), and the like.

b. Real Property Negotiations

The Brown Act specifically authorizes the Boards to “hold a closed session with its negotiator prior to the purchase, sale, exchange, or lease of real property by or for the local agency to grant authority to its negotiator regarding the price and terms of payment for the purchase, sale, exchange, or lease.” (§ 54956.8.) Prior to doing so, the Boards are to identify in open session “its negotiators, the real property or real properties which the negotiations may concern, and the person or persons with whom its negotiators may negotiate.” (Id.)

c. Employees

The Brown Act specifically authorizes the Boards to hold a closed session “to consider the appointment, employment, evaluation of performance, discipline, or dismissal of a public employee or to hear complaints or charges brought against the employee by another person or employee unless the employee requests a public session. (§ 54957(b)(1).) The Authority’s Executive Director position qualifies as an employee for purposes of this portion of the Brown Act, which acknowledges that an employee can include “an officer or an independent contractor that functions as an officer or an employee.” (§ 54957(b)(4).)

If closed session is held under this “personnel exception” to consider a complaint against one employee by another employee, the employee against whom the complaint was filed is to be given 24 hours written notice of the charged employee’s right to have the complaint heard in open session. (§ 549567(b)(2).) However, if a Board meets to consider whether a complaint is sufficient grounds for disciplinary action, that is properly a closed session matter and notice to the charged employee is not required.³

Other than a reduction in pay related to discipline, the “personnel exception” does not permit the Boards to deliberate upon or make decisions regarding employee compensation in closed session. (§ 54957(b)(4).)

d. Others

Public policy favors public business being conducted in the open, and the Brown Act closed session exceptions are to be narrowly construed. Matters might arise that do not fall squarely within one of the exceptions discussed above. Closed session matters have been interpreted by the Courts and the Attorney General, and those interpretations can inform implementation.

³ “As enacted, therefore, section 54957 does not entitle an employee “to 24-hour written notice when the closed session is for the sole purpose of considering, or deliberating, whether complaints or charges brought against the employee justify dismissal or disciplinary action. . . Accordingly, we conclude a public agency may deliberate in closed session on complaints or charges brought against an employee without providing the statutory notice.” (*Kolter v. Comm'n on Prof'l Competence of Los Angeles Unified Sch. Dist.*(2009) 170 Cal. App. 4th 1346, 1352 (citing *Bollinger v. San Diego Civil Service Com.* (1999) 71 Cal.App.4th 568, 574-5).)

III. Rules and Limitations

There are various rules and technical elements associated with Brown Act closed session exceptions and it is therefore critical that the Authority's legal counsel be consulted prior to any such discussion occurring or being placed on an agenda.

Among these technical aspects are the manner in which the closed session items are listed on the agenda. The Brown Act provides "safe harbor" language that, if used for an agenda, results in a presumption that a closed session item was properly noticed. (§ 54954.5) Another is the extent to which action taken in closed session is reportable out of closed session. (§ 54957.1.) Yet another is that, as the California Attorney General has opined, a closed session held under the litigation exception requires the participation the Authority's counsel.

All matters discussed and information disclosed in a Board's closed session is to remain confidential. (§ 54954.5) However, as a Joint Powers Authority the Authority can develop a policy, including in its Joint Powers Agreement or bylaws, that provides that "All information received by the legislative body of the local agency member in a closed session related to the information presented to the joint powers agency in closed session shall be confidential. However, a member of the legislative body of a member local agency may disclose information obtained in a closed session that has direct financial or liability implications for that local agency to the following individuals: (A) Legal counsel of that member local agency for purposes of obtaining advice on whether the matter has direct financial or liability implications for that member local agency. (B) Other members of the legislative body of the local agency present in a closed session of that member local agency." (§ 54956.96.) The Authority's Phase 2 Bylaws do include such a policy. (Phase 2 Bylaws, Sec. 6.3.)

The policy referenced in the foregoing paragraph can also provide for the attendance of an alternative Board member in a Board's closed session. However, the alternate's attendance can only be *in lieu of* the regular Board member's attendance. The Attorney General has opined that a meeting of a legislative body cannot be semi-closed (46 Ops.Cal.Atty.Gen. 34), and that if both an alternate board member and a regular member were to attend an otherwise closed session, their joint attendance would result in an unauthorized "semi-closed meeting." (82 Op. Atty Gen. Cal. 29, 10.)

As for the attendance of personnel other than Board member or alternates, it is generally held that closed sessions can include "any additional support staff which may be required (e.g., attorney required to provide legal advice; supervisor may be required in connection with disciplinary proceeding; labor negotiator required for consultation). Persons without an official role in the meeting should not be present." (83 Ops. Cal. Atty. Gen. 221, 2; 82 Ops. Cal. Atty. Gen. 29, 10-11.)

Topic: **Sites Reservoir Project, Phase 2**

Subject: **Monthly Status Report**

Report Period: **2020 July**

Monthly Status Summary:

The development of the Sites Project continues to make progress in the critical areas including the following activities:

WSIP Funding:

- Meetings were conducted with California Water Commission (CWC) staff to evaluate administrative actions that could be taken to accelerate early funding to the project. Of these measures, release of retention has been authorized and a revised scope of work that redistributes funds within existing tasks is being reviewed. Combined, these actions would accelerate approximately \$2-\$3M of state funding to the project in the Amendment 2 work plan that was not previously anticipated. A third action, to temporarily allow higher state cost share, is under consideration as well. Staff continue to pursue further definition from CWC on the 1/1/2021 requirements for feasibility and 75% local cost share commitment.
- Separate and apart from these Sites specific discussions, requests have been made to work with the CWC staff to further define of what constitutes "feasibility" and "75% local cost share commitment", two elements required by the 1/1/22 deadline. It is not yet clear how these efforts might influence the Sites project, however aligning the CWC's requirements with the participating members is of paramount concern so that all investors have what they need at the 1/1/22 milestone.

WIIN Act Funding:

- The financial assistance agreement has been executed per Resolution 2020-01 that was approved by the Boards. This is notification that there was a discrepancy between the Resolution and staff report when the agreement was brought to the Boards which was determined in favor of executing the agreement without coming back to the Board for the following reasons; i) the final agreement was consistent with the description in the Resolution, ii) there was and is no controversy with the Agreement. Please contact me with any concerns.
- See additional information under the "Coordination with Reclamation" section below.

USDA Funding:

- An outreach meeting will be scheduled to review the new direction for the project with the local USDA office and to address any issues with the loan related to the project changes.
- The project team is looking at the possibility of receiving adjustment to the specified interest rate in the loan agreement as the market conditions are more favorable currently than they were when the loan agreement was executed. It appears there is a possibility for changes without losing the availability of the loan.

Engineering:

- Completed draft feasibility design documentations.

- Continued feasibility analysis and design of project alternatives.
- Continued supporting data needs for preparation of the Project Description.

Coordination with Reclamation:

- Continued coordinating with Reclamation for in-kind work associated with Geologic & Geotechnical exploration efforts in support of the feasibility design.
- Discussed and strategized use of CWC Feasibility study for Reclamation's Federal Feasibility Report post-authorization work.
- Continued to work with Reclamation planning and environmental teams on the National Environmental Policy Act approach, including identification of schedule for Reclamation review process assuming joint environmental document.
- Began coordinating with Reclamation on Endangered Species Act and Section 106 of the National Historic Preservation Act consultations for geotechnical exploration and project-level work.
- Provided final materials needed to Reclamation to provide the Financial Assistance Agreement for WIIN Act funding.

Environmental Planning and Permitting:

- Continued development of the project description for use in the Revised Environmental Impact Report/Supplemental Environmental Impact Statement (Revised EIR/Supplemental EIS) and the Biological Assessment.
- Began preparation of the Revised EIR/Supplemental EIS annotated outline and Chapter 1, Introduction.
- Continued technical discussions and planning activities for the water right permitting and a 2020 initial meeting with State Board Staff.
- Continued data exchange and water quality small technical working groups to facilitate development of those project components for use in the Revised EIR/Supplemental EIS, Biological Assessment and Sites Feasibility Report.
- Continued technical discussions and planning activities for state and federal Endangered Species Act, National Historic Preservation Act and Clean Water Act permitting.
- Began discussions with California Department of Fish and Wildlife (CDFW) on 2020/2021 meetings and workshops, CDFW permit review schedule and CDFW staff funding to help ensure sufficient staffing to meet project deadlines.
- Continued the geotechnical small group efforts to facilitate development of the 2020/2021 geotechnical investigation project description and coordinate environmental compliance and permitting activities, along with firming up field roles and responsibilities. Many of the provisions for environmental compliance roll over from the prior year's geotechnical work which was based on the Maxwell Intertie work.

Operations:

- Began developing operations animation for participant and home board use illustrating the Shasta exchange concept (no federal investment). If this is useful tool, other operating scenarios can be animated as well.
- Initiated the formation of a small group to discuss updates to the Authority's Storage Policy.
- Continued to coordinate with DWR and Reclamation on the development of

modeling assumptions related to the Central Valley Project and State Water Project for the Revised EIR/Supplemental EIS and Biological Assessment analysis.

- Began running preliminary CalSim model to provide initial modeling results that will inform finalization of operational alternatives for the Revised EIR/Supplemental EIS.
- Worked to finalize the development of operations criteria that will be built into the models for use in the Revised EIR/Supplemental EIS and Biological Assessment, including diversion criteria.

Stakeholder Engagement, Public Outreach & Real Estate:

- Held July 14th & 15th Sites Town Hall meetings.
- Facilitated project status briefing calls with Reclamation Commissioner Brenda Burman and Interior Secretary David Bernhardt.
- Continued engagement and outreach efforts with landowners, local community members, state and federal elected officials, non-governmental organizations and coalitions of regional and statewide organizations to introduce the Value Planning Report and the new “rightsized” project.
- Responded to landowner requests for project information, facilitated coordination activities with local government agencies and organizations and planned for future landowner, stakeholders and general public outreach activities and events.

Program Management & Administration:

- Provided update to Reservoir Committee and Authority Board on outreach efforts related to project subscription.
- Submitted Quarterly Report 8 for the period April through June 2020 to the Water Commission.
- Updated Amendment 2 Work Plan based on revised Prop 1 revenue and task order development expenses.