



# Sutter Butte Flood Control Agency

Board of Directors Agenda – Regular Meeting, March 11, 2020, 1 p.m.  
City of Yuba City Council Chambers - 1201 Civic Center Blvd., Yuba City, CA

The agenda is posted in the building of the Sutter Butte Flood Control Agency at 1445 Butte House Road, Suite B, Yuba City, and at the Sutter County Library, 750 Forbes Avenue, Yuba City. The agenda summary, backup materials, and approved minutes are also posted on the Sutter Butte Flood Control Agency website at [sutterbutteflood.org](http://sutterbutteflood.org). Materials related to an item on this agenda and submitted to the Board of Directors after distribution of the agenda packet are available for public inspection in the office of the Board Clerk at 1445 Butte House Road, Suite B, Yuba City, during normal business hours. In compliance with the American with Disabilities Act, the meeting room is wheelchair accessible and disabled parking is available. If you have a disability and need, disability related modifications or accommodations to participate in this meeting, please contact the SBFCA office at 530-755-9859 or [admin@sutterbutteflood.org](mailto:admin@sutterbutteflood.org). Requests must be made one full business day before the start of the meeting.

#### County of Sutter

Mat Conant  
Mike Ziegenmeyer  
Alt. Ron Sullenger  
Alt. Jim Whiteaker

#### County of Butte

Bill Connelly  
Steve Lambert

#### City of Yuba City

Shon Harris  
Grace Espindola  
Alt. Marc Boomgaarden  
Alt. Manny Cardoza

#### City of Live Oak

Lakhvir Ghag  
Alt. Luis Hernandez

#### City of Gridley

Bruce Johnson

#### City of Biggs

Bo Sheppard  
Alt. Roger Firth

#### Levee District 1

Francis Silva  
Charlie Hoppin  
Alt. Sally Serger  
Alt. Drew Stresser

#### Levee District 9

Mike Morris  
Chris Schmidl

Persons wishing to address the Board during consideration of matters listed on the agenda will be allowed to do so. Testimony should always begin with the speaker giving his or her name and place of residence. Requests for assistive listening devices or other accommodations, such as interpretive services, should be made through the Sutter Butte Flood Control Agency office at 530-755-9859. Requests should be made at least 72 hours prior to the meeting. Later requests will be accommodated to the extent feasible.

## AGENDA SUMMARY

### **REGULAR MEETING/CALL TO ORDER**

- Roll Call
- Pledge of Allegiance

### **CONSENT CALENDAR**

The Consent Calendar groups together those items which are considered noncontroversial or for which prior policy direction has been given to staff and that require only routine action by the Board. The Chair will advise the audience that the matters may be adopted in total by one motion; however, the Board may, at its option or upon request of a member of the public, consider any matter separately.

1. Approval of the Minutes for the February 12, 2020 Board Meeting

2. Approval of Task Order 8 with ECORP for Environmental and Permitting Support for the Feather River Sediment Removal Project
3. Approval of Task Order 5 Amendment 4 with ECORP for Post-Construction Monitoring and Reporting for the Oroville Wildlife Area Project

#### **PRESENTATION, DISCUSSION & ACTION ITEMS**

4. Presentation and File Monthly Financial Report

#### **INFORMATIONAL AND POSSIBLE APPROVAL ITEMS**

5. Presentation and File Program/Project Update
6. Other Reports from Agency Staff and Consultants
7. Report by Member and Partner Agencies

#### **CORRESPONDENCE**

8. Report on Correspondence Sent by and Received by the Board

#### **PUBLIC COMMENT**

Members of the public will be allowed to address the Sutter Butte Flood Control Agency's Board of Directors on items of interest to the public that are within the subject matter jurisdiction of the Board. Any member of the audience who may wish to bring a matter before the Board that has not been placed on the agenda may do so at this time; however, State law provides that no action may be taken on any item not appearing on the posted Agenda.

#### **ADJOURNMENT**

The next regularly scheduled Board of Directors meeting will be held on Wednesday April 8, 2020 at 1 p.m., Yuba City Council Chambers – 1201 Civic Center Blvd., Yuba City, CA 95993



## Sutter Butte Flood Control Agency

Board of Directors Minutes Regular Meeting, February 12, 2020, 1 p.m.  
City of Yuba City Council Chambers - 1201 Civic Center Blvd., Yuba City, CA

The Sutter Butte Flood Control Agency (Agency) Board of Directors (Board), State of California, met on the above date at 1 p.m. at the City of Yuba City Council Chambers - 1201 Civic Center Boulevard, Yuba City, CA.

These minutes do not represent a transcript of the meeting and are intended to be a summary of the most important points. For a complete record, please refer to the video recording of the meeting, which is posted on SBFCA's website: <http://sutterbutteflood.org/board/meetings-agendas/>

### MEMBERS PRESENT

County of Sutter:	Mat Conant
County of Butte:	Steve Lambert
City of Yuba City:	Manny Cardoza, Grace Espindola
City of Biggs:	Bo Sheppard
City of Gridley:	Bruce Johnson
City of Live Oak:	Lakvhir Ghag
Levee District 9:	Mike Morris, Chris Schmidl
Levee District 1:	Francis Silva, Charlie Hoppin

**MEMBERS ABSENT:** Bill Connelly, Shon Harris, Mike Ziegenmeyer

**STAFF PRESENT:** Michael Bessette, Executive Director; Scott Shapiro, Agency Counsel; Seth Wurzel, Budget Manager, and Terra Yaney, Board Clerk

### MEETING/CALL TO ORDER

At 1:00 p.m., Director Mat Conant opened the meeting and led the group in the pledge of allegiance.

### CONSENT CALENDAR

- 1. Approval of the Minutes for the December 11, 2019 Board Meeting**
- 2. Approve a Resolution applying for grant funds from the California Department of Water Resources and designating the Executive Director as the authorized representative to execute an agreement for funding improvements along the Sutter Bypass east levee**
- 3. Approve and authorize the Executive Director to execute Amendment 11 to the Master Services Agreement with HDR Engineering to extend the term of the agreement to December 31, 2021**

A motion to approve the Consent Calendar was made by Director Lakvhir Ghag and seconded by Director Mike Morris. The motion passed with no objection. The Consent Calendar was approved as follows:

- Manny Cardoza– yes
- Mat Conant– yes
- Grace Espindola– yes
- Lakvhir Ghag - Yes
- Charlie Hoppin- yes
- Bruce Johnson - yes
- Steve Lambert - yes
- Mike Morris– yes
- Bo Sheppard - yes
- Chris Schmidl - yes
- Francis Silva- yes

### No public Comment

The entire discussion is available on the SBFCA website at: <http://sutterbutterflood.org/board/meetings-agendas/>

## **PRESENTATION, DISCUSSION & ACTION ITEMS**

### **4. Selection of 2020 SBFCA Chair and Vice Chair**

Director Manny Cardoza nominated Director Mat Conant as the Chair of the 2020 SBFCA Board of Directors. Director Bo Sheppard nominated Director Steve Lambert as Vice Chair.

**A motion to approve the Board nominations was made by Director Manny Cardoza and seconded by Director Mike Morris. The motion passed with no objection. The motion was approved as follows:**

- **Manny Cardoza– yes**
- **Mat Conant– yes**
- **Grace Espindola– yes**
- **Lakvhir Ghag - Yes**
- **Charlie Hoppin- yes**
- **Bruce Johnson - yes**
- **Steve Lambert - yes**
- **Mike Morris– yes**
- **Bo Sheppard - yes**
- **Chris Schmidl - yes**
- **Francis Silva- yes**

### **5. Presentation of Agency Audited Financial Statements and Related Reports for Fiscal Year Ending June 30, 2019**

Budget Manager Seth Wurzel presented the Agency Audited Financial Statements and Related Reports for Fiscal Year Ending June 30, 2019. He reported that it was a clean audit with no significant findings. It was reported that the Continuing Disclosure Report is due in March and will be presented at the next meeting. The entire report, along with a PowerPoint presentation is available on the SBFCA website at:

<http://sutterbutterflood.org/board/meetings-agendas/>

**No public Comment**

### **6. Presentation and File Monthly Financial Report**

Budget Manager Seth Wurzel presented the monthly financial reports for November and December and answered questions regarding operating revenue of advanced funding. Mr. Wurzel announced that we received our first tax installments from Sutter County and will report out next month. The entire report, along with a PowerPoint presentation is available on the SBFCA website at: <http://sutterbutterflood.org/board/meetings-agendas/>

## **INFORMATIONAL AND POSSIBLE APPROVAL ITEMS**

### **7. Program/Project Update**

Executive Director Michael Bessette gave a presentation outlining the recent and ongoing activities of the agency. He reported that the physical construction of the UPRR Closure Structure has been completed. The structure installation was tested by the contractor; they will provide an installation training for Levee District One in the next week. He reported that the construction management team is managing the project closeout activities for the Reach 25 Pipe abandonment project. He went on to report that the right-of-way team continues to work on closing out all acquisitions needed for the FRWLP including the easements needed from the affected public agencies and several outstanding property owners.

It was reported that staff submitted an amendment request to DWR for an amendment to the funding agreement. DWR is now processing Amendment #6 for time only, we will be requesting a 7<sup>th</sup> amendment to address additional funding.

It was reported that staff continues to coordinate closely with the Sacramento Valley Conservancy and LD1 on the Star Bend and Mathews mitigation sites. Monthly coordination meetings are being held to advance progress towards the completion of the required conservation easement and management plan. Our current schedule is for the framework agreement and associated documents to be presented at the April 2020 Board meeting.

Mr. Bessette reported that the draft Feasibility Study reports for the Small Community Studies for Sutter and Tudor were submitted to DWR on November 1 for their review and comments were received for the Sutter report. The project team is currently working on addressing the comments and finalizing the report. The team is still awaiting comments on the Tudor report.

It was reported that the design team is working on the Trailer and Shed Demolition project in Butte County, this is an encroachment compliance clean up. Bid documents are scheduled to finalize this month, we will go out to bid in March and award in April with anticipated work to begin in May.

Mr. Bessette announced that USACE COL. Honduras is schedule to present at the April Board meeting.

Agency Counsel Scott Shapiro provided an update on the FEMA Agricultural Zone.

The entire report, along with a PowerPoint presentation is available on the SBFCA website at: <http://sutterbutterflood.org/board/meetings-agendas/>

**8. Other Reports from Agency Staff and Consultants**  
Nothing to report.

**9. Report by Member and Partner Agencies**  
Nothing to report.

**CORRESPONDENCE**

**10. Report on Correspondence Sent by and Received by the Board**  
Nothing to report.

**PUBLIC COMMENT**

Yuba City resident Pat Miller provided public comment regarding Sutter Bypass and assessment dollars.

**ADJOURNMENT**

With no further business coming before the Board, the meeting was adjourned at 1:47 p.m.

ATTEST BY: \_\_\_\_\_

Terra Yaney, Board Clerk

\_\_\_\_\_  
Board Chair



# Sutter Butte Flood Control Agency

*A Partnership for Flood Safety*

March 11, 2020

**TO:** Board of Directors

**FROM:** Michael Bessette, Executive Director

**SUBJECT:** Approval of Task Order 8 with ECORP for Environmental and Permitting Support for the Feather River Sediment Removal Project

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## Recommendation

It is recommended that the Board of Directors approve and authorize the Executive Director to execute Task Order 8 with ECORP Consulting, Inc. (ECORP) to provide environmental and permitting support for the Feather River Sediment Removal Project under the Master Services Agreement subject to legal counsel's final review and approval.

## Background

In 2017, SBFCA issued a Request for Qualifications (RFQ) for consulting firms to provide Environmental Services for SBFCA's program. Services requested included: CEQA/NEPA Environmental documents, permitting, ESA/CESA compliance, cultural resources, mitigation monitoring and implementation. Seven firms submitted Statements of Qualifications and three firms were interviewed by a four-person interview panel consisting of the Board Chair, Executive Director, Director of Engineering, and Agency Counsel. ECORP was unanimously selected as the top firm to provide the requested services. On July 12, 2017 the SBFCA Board approved a Master Services Agreement with ECORP.

Task Order 8 was developed to provide environmental and permitting support for the Feather River Sediment Removal Project. The project includes sediment removal at the Yuba City and Star Bend boat ramps, along with invasive species removal at the Live Oak boat ramp. ECORP's scope includes tasks to prepare the environmental documents, conduct technical surveys, provide agency permit applications, conduct construction monitoring, and prepare compliance reporting.

ECORP's scope of work for Task Order 8 includes the following:

- CEQA Environmental Documentation (preparation of Environmental Impact Report)
- Air Quality Assessment and Reporting
- Noise Analysis
- USACE Clean Water Act Section 404 Permit
- Regional Water Quality Control Board Clean Water Act Section 401 Certification
- California Department of Fish and Wildlife 1602 Streambed Alteration Agreement
- National Marine Fisheries Service Section 7 Consultations
- U.S. Fish and Wildlife Section 7 Consultations
- California Department of Water Resources Incidental Take Permit
- Preconstruction Nesting Bird Surveys
- Fisheries and Water Quality Monitoring

- Biological Compliance Reporting
- California Native American AB52 Consultations
- Section 106 National Historic Preservation Act and State Historic Preservation Office Coordination
- Tribal and Archaeological Monitoring during Construction

**Fiscal Impact**

There is no net budgetary impact from the Board's approval of this task order. Approval of Task Order 8 will obligate SBFCA to pay for the associated services delivered (which are provided on a time and materials basis) up to the task order budget limitation. The total maximum limit for Task Order 8 is \$618,938 (SBFCA Expenditure Account 731-99-7002-65780).

The budgeted expenditures within the OWA related capital programs reflected in the Final Approved 3-Year Budget are sufficient to cover this task order. The budgeted expenditures for the Feather River Sediment Removal Project are fully funded via SBFCA's grant with the California Natural Resources Agency.

Attachment: ECORP Task Order 8

**ECORP Consulting, Inc.**

**Task Order 8**

**SCOPE OF WORK**

**Feather River Sediment Removal Project**

**Environmental Review, Permitting, and Construction Support**

This task order is associated with the Master Agreement between the Sutter Butte Flood Control Agency (SBFCA) and ECORP Consulting, Inc. (Consultant). Below is a scope of work and estimated costs for the Feather River Sediment Removal Project to remove sediment adjacent to the Yuba City boat launch and invasive primrose adjacent to the Live Oak boat launch on the Feather River. This scope covers anticipated efforts necessary to prepare environmental documents, conduct technical surveys, provide agency permit applications, conduct construction monitoring, and prepare compliance reporting. The tasks below can be authorized wholly, or individually, as project requirements dictate. Each task's scope and/or budget may also be modified to reflect the required effort up to the total maximum authorized amount. The rate schedule is provided in Exhibit A.

**ASSUMPTIONS AND UNCERTAINTIES**

The Consultant has made the following assumptions in developing the scope of work.

- The study area is defined as one proposed sediment removal location near the Yuba City boat launch and primrose removal at the Live Oak boat ramp.
- SBFCA will provide Consultant with the selected locations and alternatives for CEQA review prior to initiating the CEQA document, and no changes to the project description will occur after the initiation of the CEQA process without a contract change order, if necessary.
- Evaluation/permitting and construction monitoring of both boat launch locations (Live Oak and Yuba City) is included.
- Work is limited to the delineated dredging area and parking/boat launch facilities.
- All staging and access will occur within existing parking lot areas.
- Does not include evaluation/permitting of any spoil locations (onsite and offsite).
- Based on limited project information provided to date (March 2, 2020).
- Both projects will be evaluated separately under one project-level EIR.

- The extent of tribal involvement during environmental review and permitting cannot be anticipated at this time.

## **TASK 1      CEQA ENVIRONMENTAL DOCUMENTATION**

### 1.1      Project Initiation/Kick-off Meeting

Consultant will attend a combined project initiation meeting with SBFCA and other project team members to view the project sites, discuss project objectives, and discuss project characteristics. The site visit will be used as a means of refining the project description, discussing the schedule, establishing procedures for data gathering and focusing the analysis on pertinent issues. The meeting will be attended by Consultant's Project Manager and CEQA lead, and up to two technical leads. Approximately ten (10) hours of meeting time and travel time from Consultant's Rocklin office are assumed for the site visit.

### 1.2      Develop Project Description

Consultant will coordinate with SBFCA to develop and clarify the project description. Coordination for this task will be by telephone and/or email. Development of the project description will establish the critical elements of the site plans. The project description will also describe the maintenance activities anticipated for each of the Proposed Projects. The project description shall include a description of the project's regional and local location, environmental setting, local transportation system, land use designations, and surrounding land uses. Maps showing the regional and specific location of the projects will be included in this section. The project description will also include a description of the project's history, the goals, objectives, and need for the projects, as well as the project construction schedule and sequencing and site layout. Site layout maps shall be provided by the project engineer in .pdf format. The project description will also include a list of uses of the EIR, including a list of project approvals required by other agencies.

### 1.3      Prepare Initial Stakeholder List

Consultant will identify key stakeholders within the community that should be notified regarding the Proposed Project. Once compiled, this information will be placed in a stakeholder database for review by SBFCA. Consultant will update and maintain the database throughout the life of the Proposed Project.

### 1.4      Prepare Notice of Preparation

Consultant will prepare a Notice of Preparation (NOP) for submission to SBFCA for review and comment.

### 1.5      Prepare and Circulate NOP

SBFCA comments on the Draft NOP will be incorporated into a final version and distributed by Consultant for public review, including filing the NOP at the State Clearinghouse.

Deliverables: Final NOP; NOP/NOI circulation list

## 1.6 Public Scoping and Agency Coordination

Consultant will advertise and conduct one (1) public scoping meeting. The session will be conducted by Consultant's Project Manager with the assistance of the SBFCA and project applicant. SBFCA will be responsible for providing a brief presentation describing the proposed project and project objectives. The session will be conducted at a suitable location within the County. Consultant will review oral comments from the scoping session and written comments on the NOP and will provide a memorandum to SBFCA listing any and all substantive issues raised that merit consideration in the EIR.

Consultant will conduct an informal consultation with appropriate agencies to define agency concerns and expectations pertaining to the proposed project and environmental review process. Agencies to be contacted include, but are not limited to, the Bureau of Reclamation, Army Corps of Engineers, National Marine Fisheries Service, US Fish and Wildlife Service, State Water Resources Control Board, California State Lands Commission, and California Department of Fish and Wildlife.

Deliverables: Scoping meeting presentation materials; Scoping memorandum

## 1.7 Prepare Administrative Draft EIR

The following provides detailed descriptions of other key work items to be undertaken in preparation of the Administrative Draft EIR (ADEIR). It should be noted that there will be separate discussion of each of the two boat ramps under setting and analysis settings for each topic area. Technical studies required to support the CEQA document are included in Tasks 2 and beyond, below.

The ADEIR will include all sections required by CEQA, including: (1) summary of impacts and mitigation measures; (2) project objectives (3) project description; (4) setting [existing condition discussions for both the physical environment and regulatory context], impacts and their significance both before and after implementation of identified mitigation, and mitigation measures [project-specific and cumulative] for each environmental issue; (5) CEQA-required sections; and (6) alternatives analyses. Each individual technical section contains a description of the methods of analyses and standards of significance used to determine the significance of each identified impact, including a discussion of the specific cumulative context for each issue item.

*Project Description.* Consultant will prepare a clear, concise description of project elements relying on information provided by SBFCA

*Environmental Setting/Impact Analyses/Mitigation Measures.* The setting sections of the EIR will focus on site-specific information describing the conditions relevant to each project site and will summarize, as appropriate, regional setting information obtained from existing documentation and appropriate site reconnaissance. The setting discussions will have descriptions of the regulatory context, as applicable, for each technical issue. Relevant County General Plan and any applicable regional plan policies will be presented in the Setting sections or consolidated into separate appendices. Any inconsistencies of the proposed projects and relevant land use policies

will be identified. It will be assumed for the purpose of the analysis that the project will comply with all applicable federal, state, and county standards, regulations and ordinances.

Cumulative Impacts. The review of all technical issue areas will include an evaluation of cumulative impacts of implementation of the proposed project in combination with other reasonably foreseeable development activities. The EIR will include a review of the County General Plan, and any other relevant planning documents to provide an adequate context for the evaluation of cumulative impacts that will meet the requirements of CEQA.

Alternatives Analysis. The EIR will include a comparative analysis of a reasonable range of alternatives to the proposed project. A table that compares impacts of the proposed project to each alternative will be provided and included in the Summary of Impacts and Mitigation Measures chapter of the EIR. In addition to the proposed project, up to two additional alternatives will be evaluated, not including the No Project Alternative.

Included in the alternatives assessment will be a discussion of alternatives that were considered but eliminated from full review in the EIR. This section will briefly describe each of these alternatives, list screening criteria used to eliminate these alternatives from further review in accordance with CEQA Guidelines and explain why the alternative was appropriate for elimination.

Other Sections required by CEQA. The EIR will include other sections as required by the guidelines including a Summary of Effects Not Found to be Significant, Economic and Social Effects including Environmental Justice issues, and Organizations and Persons Consulted.

Summary Chapter. Consultant will prepare a Project Summary Chapter in accordance with CEQA Guidelines and include a brief description of the project, potential areas of controversy, project alternatives, and a summary table of impacts and mitigation measures identified in the ADEIR.

Deliverables: 2 copies of the ADEIR (spiral bound and duplex copied); One PDF file and one Word file of the complete ADEIR

## 1.8 Prepare and Circulate the Draft EIR

Following SBFCA's review of the ADEIR, Consultant will coordinate with SBFCA staff to review comments, receive direction, and discuss revisions. SBFCA will be responsible for consolidating all staff comments on the ADEIR. Consultant will revise the ADEIR and submit five copies of a "second administrative draft" EIR to SBFCA for final review. We anticipate the review of the second administrative draft will result in minor changes. These revisions will be incorporated into a DEIR ready for printing and public circulation. Consultant will prepare a circulation list for the DEIR, deliver 15 copies to the State Clearinghouse, and send copies to all parties that have provided written requests for copies. Consultant will prepare the required Notice of Availability (NOA) and Notice of Completion (NOC). SBFCA will be responsible for publishing the NOA. In order to initiate the EIR review period, the NOA will be posted at the County Clerk. Consultant assumes that SBFCA will be responsible for filing at the County Clerk and the Consultant will deliver documents to the Office and Planning and Research.

Deliverables: 4 copies of the DEIR (spiral bound and duplex copied); 1 electronic copy of the NOA and NOC via email

## 1.9 Public Meeting

Consultant's Project Manager and selected technical specialists as needed will make a presentation and accept comments at a public meeting to be held within the County during the public comment period.

## 1.10 Prepare Administrative Draft Responses to Comments

After the public comment period has closed, Consultant will bracket and number all substantive comments contained within all comment letters received on the DEIR. Consultant will prepare draft written responses to those comments and submit the comment letters and draft responses to SBFCA staff for review and comment. It is assumed that there will be approximately 25 comment letters with at least five containing substantive comments requiring a moderate level of effort to provide defensible responses.

Deliverables: Two (2) hard copies and fifteen (15) CDs of the administrative draft of responses to comments

## 1.11 Prepare Administrative Final EIR and Mitigation Monitoring Plan

Consultant will incorporate SBFCA staff revisions, as appropriate, to draft responses to comments and prepare an administrative draft of the Final EIR (AFEIR). The AFEIR will include a list of commenters, responses to comments, summary of DEIR text changes, a project summary, and revised summary table.

The AFEIR will also include a draft Mitigation Monitoring Program (MMP) for review. Consultant will prepare the MMP to include mitigation measures identified in the AFEIR. The MMP will include the mitigation measures, assignment of responsibility, and relationship to project phasing, implementation timing, and reporting procedure.

Deliverables: One PDF file of the AFEIR

## 1.12 Prepare Final EIR (FEIR)

Consultant will coordinate with SBFCA staff to receive direction and to discuss revisions to the AFEIR. SBFCA staff will be responsible for consolidating all staff comments on the AFEIR. Upon receipt of staff comments, Consultant will revise the AFEIR document and submit a Screencheck Final EIR (FEIR) to SBFCA for review. Final revisions from that review will be included in the FEIR. Copies of the FEIR will be submitted to SBFCA for distribution. It is assumed that SBFCA will prepare and distribute the Notice of Determination and FEIR.

Deliverables: Two (2) hard copies of the FEIR with MMP and one (1) CD of the complete AFEIR, MMP, and Appendices

### 1.13 Public Hearing

Consultant will attend one public hearing for certification of the EIR. Consultant will be prepared to respond to questions, make presentations, and/or participate in an advisory capacity. Consultant, if so requested, will immediately prepare written responses to questions and comments raised at hearing. Consultant's Project Manager will attend the hearing, as will technical staff members on the Consultant team, if needed. Time is projected for up to two other Consultant team members to attend this hearing.

Deliverables: Presentation materials, as necessary

### 1.14 CEQA Project Management and Client Communication

During the environmental review, Consultant will prepare monthly status reports for the purpose of project control and detailed monthly invoices. The status report summaries will describe progress to date; identify current and recent activities; identify any problems and their causes and solutions; discuss any potential upcoming impacts on the existing scope of services, the project or task schedule; list outstanding items which require resolution by SBFCA staff; and describe major activities for the upcoming month.

## **TASK 2 AIR QUALITY AND GREENHOUSE GAS EMISSIONS**

### 2.1 Air Quality Assessment

Estimated criteria air pollutants and greenhouse gas (GHG) emissions resultant of each individual Project component (dredging sediment at 5 different locations) will be quantified using the California Emissions Estimator Model version 2016.3.2 (CalEEMod) software. While Project implementation would result in the generation of short-term emissions, it is not anticipated that the Project will be a substantial source of operational air pollutant or GHG emissions. The two boat launch ramps associated with the Project are all located within Sutter County, which is under the jurisdiction of the Feather River Air Quality Management District (FRAQMD). Project criteria air pollutant emissions will be compared to the thresholds of significance promulgated by the FRAQMD. GHG emissions will be compared to the Sutter County Climate Action Plan for consistency. Furthermore, the energy consumption (gasoline) required to implement the Project dredging will be quantified and disclosed.

For efficiency and to reduce costs, Consultant proposes to evaluate potential air quality and greenhouse gas emission-related impacts in the body of the EIR, rather than producing a stand-alone technical study. The analysis in the EIR would be supported by modeling documentation, which would be included as an appendix to the EIR.

Deliverables: One PDF file of the complete analysis

## 2.2 Air Quality Reporting

If required, Consultant will coordinate with the construction contractor to prepare and submit monthly reports to the Feather River Air Quality Management District that document the tons of NOx to be offset over the duration of the construction phase.

Assumptions:

- Contractor shall be responsible for completing the spreadsheets on a monthly basis.
- Contractor shall be responsible for payment of any fees associated with emissions.

## **TASK 3 NOISE ANALYSIS**

Noise levels in the Project area would temporarily increase due to short-term dredging and hauling activities. The evaluation of potential noise impacts associated with the Project, which are anticipated to be limited to maintenance activities, will be completed in the body of the EIR. The applicable noise criteria governing each Project component area will be reviewed and noise standards regulating noise impacts will be discussed for land uses adjacent to, and nearby, each of the two Project sites.

Noise generated from construction sources will be analyzed based on the anticipated equipment to be used, length of a specific maintenance task, equipment power type (gasoline or diesel engine), horsepower, load factor, and percentage of time in use. The construction noise impacts will be evaluated in terms of maximum levels (Lmax) and hourly equivalent continuous noise levels (Leq) and the frequency of occurrence at any nearby sensitive locations. The analysis will rely on the Federal Highway Administration Roadway Construction Noise Model. In addition to construction noise, an analysis of vibration impacts will be based on the California Department of Transportation's 2004 vibration analysis guidance.

Deliverables: One PDF file of the complete analysis

## **TASK 4 BIOLOGICAL AND REGULATORY DOCUMENTATION AND PERMITS**

### 4.1 Biological Resources Assessment to Support CEQA

Consultant will prepare a Biological Resources Assessment (BRA) for the Study Area, which includes two boat launch locations. Consultant will conduct a review of existing biological information in the region and documentation specific to the project, including a literature review. The literature review will include available information including aerial photography and database queries of the CDFW California Natural Diversity Database (CNDDDB), California Native Plant Society (CNPS), and U.S. Fish and Wildlife Service (USFWS) for potentially occurring special-status species in the vicinity of the project components.

Consultant will conduct a pedestrian field reconnaissance as part of Task 4.2 (Aquatic Resource Delineation) to assess the onsite existing biological resources/constraints.

A summary of the findings will be incorporated into the BRA report, with potential waters of the U.S. (see Task 4.2) and special status species data. The report will provide the regulatory context, which is also necessary for incorporation into the CEQA review document, as well as the methods, results, and recommendations for appropriate findings and mitigation measures. The report will also indicate any further studies that may be required to support the CEQA document, based on the outcome of the inventory.

Assumptions:

- One report will be prepared to assess the two boat launch locations.
- This BRA does not include determinate-level surveys in accordance with Agency-approved special-status species' survey protocols.
- This scope of work includes a maximum of one round of revisions to the draft Biological Resource Assessment report following client review.

## 4.2 Aquatic Resources Delineation to Support Clean Water Act Permitting

An aquatic resources delineation will be conducted for the two boat launch locations in accordance with the Corps of Engineers Wetlands Delineation Manual (Environmental Laboratory 1987), Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region, Version 2.0 (U.S. Army Corps of Engineers 2008), U.S. Army Corps of Engineers Sacramento District's Minimum Standards for Acceptance of Aquatic Resources Delineation Reports (U.S. Army Corps of Engineers 2016). Potential Waters of the U.S., including wetlands, will be mapped in the field using a global positioning system (GPS) unit capable of submeter accuracy (e.g., Trimble GeoXT) and/or georectified aerial photography.

The aquatic resources delineation will be conducted under current field conditions. This cost estimate is based upon the assumption that the "routine" aquatic resources delineation methods are utilized and that site conditions are of relatively unaltered terrain that has not been recently farmed, tilled, irrigated, leveled, denuded, treated with herbicide, or other significant land alteration. If the site has been altered to the extent that "routine" methodology is no longer applicable, a change order agreement will be prepared.

This aquatic resources delineation does not evaluate onsite aquatic features pursuant to guidance provided by USACE and the Environmental Protection Agency (EPA) following the Supreme Court's decision in the consolidated cases of *Rapanos v. United States* and *Carabell v. United States*. If the client requests a Rapanos Evaluation, an additional cost estimate will be prepared. A Rapanos Evaluation is conducted by the USACE whenever the applicant requests an Approved Jurisdictional Determination. Approved Jurisdictional Determinations are typically requested only when features not subject to USACE jurisdiction ("isolated") are identified on-site. Although the Rapanos Evaluation is conducted by the USACE, the applicant (or the applicant's agent) is frequently asked to provide information for this evaluation to expedite the review.

Assumptions:

- One report will be prepared to assess the two boat launch locations.
- A report and delineation map of the findings will be submitted to the client and will include a description of existing site conditions, field methods, and aquatic resources identified onsite.
- This scope of work includes a maximum of one round of revisions to the draft Aquatic Resources Delineation following client review. Upon approval from the client, the report and map may be submitted to the USACE for verification, if requested.
- This scope of work does not include requests for additional information, revisions to the report or map nor a site visit with the USACE, if requested by USACE.

#### 4.3 U.S. Army Corps of Engineers Clean Water Act Section 404 Permit

Based on the project design and extent of the jurisdictional waters, including wetlands identified for the project, a Section 404 permit will be required. Because of the amount of dredging required, it is anticipated that an Individual Permit (IP) will be required.

As dredge area(s) will exceed 0.5-acre, this scope of work assumes authorization for dredging under an Individual Permit. An Individual Permit application will be prepared and a draft submitted to client for review. As required by an Individual Permit, this task includes preparation of information to support Section 404(b)(1) Alternatives Analysis to be included in the application. After comments have been received and incorporated into the document, a submittal copy will be generated, and with client approval, submitted the U.S. Army Corps of Engineers (USACE).

Assumptions:

- One permit application will be prepared for both boat launch locations.
- The scope assumes one hard copy of the draft application for client review and one pdf copy of the final application.
- The scope assumes that there will be no changes to the original project boundary or land use components provided in AutoCAD format to Consultant at the start of preparation and includes one round of compiled edits to the draft application.

#### 4.4 Regional Water Quality Control Board Clean Water Act Section 401 Water Quality Certification

A Request for Water Quality Certification (i.e., application) will be prepared. After comments have been received and incorporated into the document, a submittal copy will be generated, and with client approval, submitted to the Regional Water Quality Control Board (RWQCB).

Assumptions:

- One permit application will be prepared for both boat launch locations.
- The scope of work assumes one hard copy of the draft application for client review and one pdf copy of the final application.
- The scope assumes no changes to the original project boundary or land use components provided in AutoCAD format to Consultant at the start of preparation, and one round of compiled edits to the Draft application.
- This scope assumes that information regarding an Alternatives Analysis provided as part of the USACE Individual Permit will be sufficient for the RWQCB.
- The RWQCB fee will be provided by the client prior to submittal.

#### 4.5 California Department of Fish and Wildlife 1602 Streambed Alteration Agreement Notifications

A Streambed Alteration Notification (i.e., application) will be prepared for each boat launch (total of two notifications). After comments have been received and incorporated into the document, a submittal copy will be generated, and with client approval, submitted to the California Department of Fish and Wildlife (CDFW).

Assumptions:

- The scope of work assumes one hard copy of the draft application for client review and one hard copy and one pdf copy of the final application.
- The scope assumes no changes to the original project boundary or land use components provided in AutoCAD format to Consultant at the start of preparation, and one round of compiled edits to the Draft application.
- The CDFW fee will be provided by client prior to submittal.

#### 4.6 National Marine Fisheries Service ESA Section 7 Consultation

Because the lower Feather River supports populations of three anadromous fish species that are listed as threatened under the federal Endangered Species Act (ESA), critical habitat for these species, and essential fish habitat (EFH) for Chinook salmon, Consultant will prepare a biological assessment (BA) in support of formal ESA Section 7 and Magnuson-Stevens Act (MSA) consultation with the National Marine Fisheries Service (NMFS).

The project occurs within the Feather River, which supports the following fish and habitat resources under the management jurisdiction of NMFS:

- Central Valley spring-run Chinook salmon (threatened) and its critical habitat;
- California Central Valley steelhead (threatened) and its critical habitat;
- Green sturgeon (threatened) and its critical habitat; and
- Essential Fish Habitat (EFH) for Chinook salmon.

Because some life stages of these ESA-listed fish species may be present in the lower Feather River during operations of the proposed dredging and because the proposed dredging will occur within designated critical habitat and EFH for these species, Consultant will prepare a biological assessment (BA) to support the ESA Section 7 and MSA consultation process regarding potential project related effects on EFH and federal ESA-listed resources. A single BA will be prepared to support ESA and MSA consultation with NMFS for both boat launch locations (i.e., Live Oak and Yuba City). Detailed species accounts, life histories, and status summaries will be provided for each of the three federally listed fish species that have the potential to be affected by the proposed project. The BA will include a description of the project locations, purpose of the project, the action area (i.e., adjacent habitat outside the project boundary that may be directly or indirectly affected by the proposed project), existing site conditions, project impacts and mitigation measures, a determination of project-related effects (i.e., direct, indirect, and cumulative effects to federally listed species), and a discussion of project alternatives.

#### Assumptions:

- One BA will be prepared for both boat launch locations.
- The scope of work assumes one electronic copy of the draft BA for client and USACE review and one electronic copy of the final BA to be submitted to the USACE.
- Consultant will address one round of comments from the client and USACE on the draft BA.
- This scope assumes that, given the geographic distribution of the boat launch locations and the number of ESA-listed fish species and critical habitat designations in the lower Feather River, a formal ESA Section 7 consultation process will be required with NMFS.
- The scope assumes no changes to the original project boundary or land use components provided in AutoCAD format to Consultant at the start of preparation, and one round of compiled edits to the Draft application.
- This task will utilize existing available information and data, and does not include focused surveys (e.g., protocol-level presence/absence surveys).

#### 4.7 US Fish and Wildlife Service ESA Section 7 Consultation

Consultant will prepare a biological assessment (BA) in support of informal ESA Section 7 consultation with the U.S. Fish and Wildlife Service (USFWS).

Consultant will prepare a BA per USFWS guidelines to support an informal ESA Section 7 consultation process regarding potential project-related effects to federally listed or candidate species under the jurisdiction of the USFWS. The BA will include an evaluation of the potential effects to federally listed threatened, endangered, or petitioned species and critical habitat that are known to or may occur within the action area. A single BA will be prepared to support ESA consultation with the USFWS for both boat launch locations (i.e., Live Oak and Yuba City).

A list of potentially affected federally listed species and the nearest location(s) of critical habitat will be acquired via the USFWS species list website (<http://ecos.fws.gov/ecp/report/table/critical-habitat.html>) for the appropriate United States Geological Service (USGS) quadrangle map(s) on which the project occurs; CDFW's CNDDDB; and additional relevant occurrence data. Detailed species accounts and status summaries will be provided for those federally listed species that have the potential to be affected by the proposed project.

The BA will include a description of the project location, purpose of the project, the action area (i.e., adjacent habitat outside the project boundary that may be directly or indirectly affected by the proposed project), existing site conditions, project impacts and mitigation measures, project-related effects (i.e., direct, indirect, and cumulative affects to federally listed species), and a discussion of project alternatives.

#### Assumptions:

- One BA will be prepared for both boat launch locations.
- The scope of work assumes one electronic copy of the draft BA for client and USACE review and one electronic copy of the final BA to be submitted to the USACE.
- Consultant will address one round of comments from the client and USACE on the draft BA.
- This scope assumes that, given the limited extent of anticipated impacts on terrestrial and riparian biological resources and the absence of any ESA-listed fish or designated critical habitat under USFWS' jurisdiction in the lower Feather River, an informal ESA Section 7 consultation process will be required with USFWS. Should the USACE or USFWS determine that formal ESA Section 7 consultation is appropriate, thereby resulting in a broader scope of work and budget than provided herein, a contract change order may be necessary.
- The scope assumes no changes to the original project boundary or land use components provided in AutoCAD format to Consultant at the start of preparation, and one round of compiled edits to the Draft application.
- This task will utilize existing available information and data, and does not include focused surveys (e.g., protocol-level presence/absence surveys).

## 4.8 California Department of Fish and Wildlife Incidental Take Permit

Consultant will prepare an application for an Incidental Take Permit (ITP) for take authorization of Central Valley spring-run Chinook salmon.

The lower Feather River supports a population of Central Valley spring-run Chinook salmon, an anadromous fish species that is listed as threatened under the CESA. The potential for take of Central Valley spring-run Chinook salmon and potentially other CESA-listed species is subject to Section 2081 of the California Fish and Game Code, which provides incidental take associated with such projects. In accordance with CDFW's ITP application guidelines, Consultant will prepare a draft and final ITP application detailing the applicant's contact information, a complete description of the dredging project, location (including maps) of the proposed dredging locations, an analysis of the potential take and adverse impacts on Central Valley spring-run Chinook salmon, including a jeopardy analysis for the population, proposed mitigation and monitoring measures, applicant certification, and documentation of CEQA compliance. A single ITP application will be prepared to allow take coverage under CESA for both boat launch locations (i.e., Live Oak, Yuba City).

### Assumptions:

- The application for the ITP will cover both boat launch locations.
- This scope assumes that all CDFW application fees for the ITP will be paid by the client
- The scope of work assumes one hard copy of the draft ITP application for client review and two hard copies and one pdf copy of the final application.
- The task budget does not include the preparation of engineering plans or CEQA documentation.
- The scope assumes no changes to the original project boundary or land use components provided in AutoCAD format to Consultant at the start of preparation, and one round of compiled edits to the Draft application.
- This task will utilize existing available information and data, and does not include focused surveys (e.g., protocol-level presence/absence surveys).

## 4.9 Preconstruction Nesting Bird Survey

Consultant will conduct a preconstruction nesting bird survey for each of the two boat launch locations within 14 days of the initiation of construction activity. This survey will be conducted via visual observations and will include all potential bird nesting habitat within the proposed project footprint, all accessible areas within a 0.5-mile radius for Swainson's hawk nests, a .25-mile radius for other raptors, and a 500-foot radius for other birds protected under the Migratory Bird Treaty Act. These surveys will be conducted during one field visit per boat ramp location (total of two surveys). A brief letter report

summarizing survey methods and findings, including a map showing the location of active nest(s) will be prepared for each survey.

Assumptions:

- Individual nesting bird surveys will be conducted for each boat launch location (total of two surveys).
- This task includes one site visit to be scheduled based on the construction schedule provided by the Client.
- This survey does not include presence/absence surveys for State-threatened Bank Swallow, as it is anticipated that no suitable Bank Swallow nesting habitat exists within the Project footprint or within 500-feet of the Project.
- This Task assumes that no active nests will be found, and does not include construction monitoring, nest monitoring, or CDFW consultation.
- Potentially suitable nesting habitats within inaccessible areas in the surrounding buffers (e.g. private property) will be visually assessed where feasible from public roads or from within the Project via binoculars and/or a spotting scope.

#### 4.10 Conduct Western Yellow-billed Cuckoo Determinate Level Surveys

Based on a review of mapped habitat, only two boat launch locations (Live Oak and Star Bend) have potential western yellow-billed cuckoo habitat within 500 feet of the boat launch location.

Protocol level surveys will be conducted for the Western Distinct Population Segment of the Yellow-billed Cuckoo (*Coccyzus americanus*) (YBCU) pursuant to the U.S. Fish and Wildlife Service (USFWS) guidelines per Halterman, M., M.J. Johnson, J.A. Holmes and S.A. Laymon (2015). A Natural History Summary and Survey Protocol for the Western Distinct Population Segment of the Yellow-billed Cuckoo (YBCU Survey Protocol). Surveys will focus on riparian habitats that have the potential to support YBCU populations and will be conducted with USFWS approval prior to the start of the first survey. Individual surveys will be conducted for each of the two boat launch locations with suitable habitat within 500 feet.

Surveys will be conducted for a minimum of four visits between June 15 and August 15, per survey protocols. The YBCU protocol stipulates one visit between June 15 and July 1 (pre-breeding season), two surveys between July 1 and July 31 (breeding season), and one additional survey between July 31 and August 15 (post-breeding season).

A formal report documenting the results of the YBCU surveys will be provided to the client and to USFWS per the YBCU Protocols (Halterman, et.al. 2015).

This task is included should project construction occur during the YBCU nesting period (approximately mid-May to the end of September).

Assumptions:

- This task includes conducting protocol level surveys for two boat launch locations.
- This task assumes construction occurs throughout the entire YBCU nesting period. Not all surveys may be required if construction activities have ceased prior to July 31
- This task assumes no YBCU nests are found and consultation with CDFW is not required.

#### 4.11 Worker Environmental Awareness Program

This task includes Worker Environmental Awareness Program (WEAP) training for construction and other on-site personnel per the regulatory compliance requirements for preconstruction activities.

A WEAP training will be conducted by a qualified biologist before any work occurs within the project area. The training will be provided to all construction personnel to brief them on the need to avoid impact on sensitive biological resources (e.g., riparian habitat, special-status species, special-status wildlife habitat) and the penalties for not complying with permit requirements. The biologist will inform all construction personnel about the life histories of special-status species with potential to occur on site, the importance of maintain habitat, and the terms and conditions of the biological opinion or other authorizing document. The training will also cover the restriction and guidelines that must be followed by all construction personnel to reduce or avoid impacts on special-status species during project construction. Proof of this instruction will be submitted to USFWS, CDFW, or another overseeing agency, as appropriate.

Assumptions

- Individual WEAP trainings will be conducted for each boat launch location (total of two trainings).

#### 4.12 Fisheries and Water Quality Monitoring

Consultant will conduct biological monitoring during construction activities to ensure compliance with the anticipated terms and conditions of the permits and environmental documentation for the project. Consultant will provide one permitted biologist or biological monitor (collectively, biomonitors) to monitor daily construction activities and ensure compliance with the anticipated terms and conditions of the CEQA document/MMRP, CDFW 1602 Streambed Alteration Agreement, NMFS BO, USFWS letter of concurrence or BO, 401 Water Quality Certification, and CDFW ITP. Biomonitors will be provided at a daily rate for all days for which monitoring is required by the permits. The biomonitors will conduct all required biological monitoring for in-water and landside work, including monitoring of water quality during in-water construction activities, as required in the permits and environmental documents.

Assumptions:

- The budget assumes a total of 45 work days (40 days at Yuba City and 5 days at Live Oak) requiring an onsite biomonitor with a daily rate of \$1,850.
- This task assumes that all biological monitoring can be conducted from the landside or shore and does not require the use of a boat.
- This task assumes that no hydroacoustic monitoring of underwater noise associated with the dredging will be required in the permits or BOs.
- The daily rate for this task assumes a 12-hour work day (including mobilization and travel time) for biomonitors, daily vehicle rental, and daily equipment (e.g., water quality meter, iPad/GPS) rental.

#### 4.13 Biological Compliance Verification and Reporting

Consultant will comply with all reporting requirements of the environmental documents and permits by compiling post-project compliance documentation regarding biological resource issues. Reports will be suitable for submittal to: USACE, USFWS, NMFS, RWQCB, and CDFW.

Assumptions:

- This task assumes up to two years of construction for reporting requirements.
- Year 2 reporting is limited to utilizing existing reports and updates to Year 1 reports.

## **TASK 5 CULTURAL RESOURCES AND TRIBAL CONSULTATION**

### 5.1 AB 52 Support to Support CEQA

The Consultant's cultural resources staff will assist SBFCA in consulting with California Native American tribes under Assembly Bill 52 (AB 52). Consultant will draft all notification and consultation letters, coordinate tribal meetings, maintain the AB 52 administrative record, provide technical support in determining whether or not Tribal Cultural Resources will be significantly impacted by the project, and will review the Tribal Cultural Resources sections for CEQA documents. Consultant will document the consultation process and comments discussed and advise the lead agency on how to come to a conclusion to the consultation, as specified by AB 52.

Assumptions:

- This cost estimate is provided on a time and materials, "best efforts" basis. If the consultation requests from the tribes will require more effort that will exceed the budget provided herein, then a contract change order would be required to complete the scope and AB 52 consultation.

## 5.2 Cultural Resources Inventory and Evaluation Documentation

Consultant will carry out a cultural resources inventory of the CEQA study area. The inventory will be conducted by or under the direct supervision of a Registered Professional Archaeologist who meets the Secretary of the Interior's Professional Qualifications Standards for prehistoric and historical archaeologist. This study will be conducted pursuant to the requirements of the California Environmental Quality Act (CEQA) and Section 106 of the National Historic Preservation Act for the identification of cultural resources. The scope of work includes a records search (0.5-mile radius; requires two separate records searches at two information centers), a field survey and inventory when weather and ground conditions permit, recording of up to three sites, evaluation of up to one non-archaeological cultural resource, and one confidential technical report (not for public distribution). This budget will accommodate one tribal monitor from UAIC to accompany the field survey.

Assumptions:

- The USACE does not request marine (underwater) archaeological investigation.
- No more than three sites will be identified, and all can be evaluated using survey-level data alone.
- Assumes that there will be no significant resources that will be impacted and that would require mitigation; or that the project design could be modified to avoid significant resources, if present.

## 5.3 Section 106 NHPA Coordination to Support Clean Water Act Permitting

During the course of its review of the project documentation and consultation under Section 106, the USACE or SHPO may require clarification, additional supporting documentation, project meetings or site tours, and other information. This task budget will allow Consultant to respond to any such requests for information, assuming no new analysis is required, and will only be used if requested by the USACE or SHPO for miscellaneous requests for information.

## 5.4 Tribal Liaison

Consultant will provide a tribal liaison to ensure that: 1) the tribal monitor(s) is present at the required times and locations; 2) the tribal monitor(s) is compliant with the requirements of the permit conditions (to the greatest extent possible, as the liaison will not be accompanying the tribal monitor in the field); 3) documentation of the monitoring is sufficient; 4) monitoring charges submitted by the tribe are complete and accurate to the greatest extent possible; and 5) proof of compliance of the monitoring requirement is submitted to SBFCA. The amount of effort required is proportional to the length of monitoring (see above), and therefore, this task's budget is considered to be based on time and materials.

## 5.5 Tribal Monitoring During Construction

On behalf of SBFCA, the Consultant has subcontracted with Spherion Employment Agency to retain one Native American monitor from UAIC, under the assumptions above, to monitor all and only terrestrial

ground disturbing activities associated with construction, in accordance with the SBFCA board policy dated February 14, 2018 (assumes pay rate for monitors not to exceed \$19.50/hr plus Spherion markup).

Assumptions:

- The budget assumes a total of 5 work days (divided between each boat launch location) requiring an onsite monitor.

## 5.6 Archaeological Monitoring During Construction

A qualified archaeologist will prepare training materials for cultural compliance training of construction personnel. It is assumed that weekly training sessions would be conducted and held simultaneously with the biological training. The Consultant will provide one lead archaeological monitor to monitor all and only terrestrial ground disturbing activities associated with construction.

Assumptions:

- The budget assumes a total of 5 work days (divided between boat launch location) requiring an onsite monitor.

## 5.7 Cultural Compliance Verification and Reporting

Consultant will compile monitoring logs from archaeological monitoring and will prepare a project monitoring report to document compliance with the cultural monitoring requirements. Consultant will coordinate with the USACE cultural resource staff to seek a compliance verification and closeout of the Section 106 consultation for the project.

## **TASK 6 TECHNICAL SUPPORT/MEETINGS**

This task will allow the Consultant to participate in project meetings, conference calls, and field visits with SBFCA, generally manage the project, and provide services as requested. This is a time and materials, best efforts task, that will be used as needed throughout the remainder of this task order. Amendments may be necessary if additional effort is required (particularly with respect to agency liaison).

## **TASK 7 15% CONTINGENCY**

This scope and cost was prepared without the benefit of survey-level information about resources, knowledge of specific mitigation measures and permit conditions, construction schedules, or other information not available during pre-project planning. To accommodate as many unforeseen circumstances during environmental review or construction, a 15% contingency has been added to this contract. This has been calculated as 15% of the total cost of Tasks 1 through 6 and added to the final contract amount.

## BUDGET

The budget for the tasks above is based on the provisions of the Master Agreement. A breakdown of work effort is provided on Table 1.

**Table 1. Proposed Budget**

<b>Task Number</b>	<b>Task Description</b>	<b>Budget</b>
<b>Task 1</b>	<b>CEQA Environmental Documentation</b>	
1.1	Project Initiation/Kick-off Meeting	\$7,700
1.2	Develop Project Description	\$4,500
1.3	Prepare Initial Stakeholder List	\$1,500
1.4	Prepare Notice of Preparation	\$3,800
1.5	Prepare and Circulate NOP	\$3,710
1.6	Public Scoping and Agency Coordination	\$2,600
1.7	Prepare Administrative Draft EIR	\$38,887
1.8	Prepare and Circulate the Draft EIR	\$28,110
1.9	Public Meeting	\$5,500
1.10	Prepare Administrative Draft Responses to Comments	\$13,370
1.11	Prepare Administrative Final EIR and Mitigation Monitoring Plan	\$8,700
1.12	Prepare Final EIR (FEIR)	\$7,600
1.13	Public Hearing	\$3,650
1.14	CEQA Project Management and Client Communication	\$13,450
	<i>Task 1 Subtotal</i>	<b>\$143,077</b>
<b>Task 2</b>	<b>Air Quality and Greenhouse Gas Emissions</b>	
2.1	Air Quality Assessment	\$7,470
2.2	Air Quality Reporting	\$2,250
	<i>Task 2 Subtotal</i>	<b>\$9,720</b>
<b>Task 3</b>	<b>Noise Analysis</b>	\$5,400
	<i>Task 3 Subtotal</i>	<b>\$5,400</b>
<b>Task 4</b>	<b>Biological and Regulatory Documentation and Permits</b>	
4.1	Biological Resources Assessment to Support CEQA	\$11,000
4.2	Aquatic Resources Delineation to Support Clean Water Act Permitting	\$10,500
4.3	U.S. Army Corps of Engineers Clean Water Act Section 404 Permit	\$35,000
4.4	Regional Water Quality Control Board Clean Water Act Section 401 Water Quality Certification	\$23,000
4.5	California Department of Fish and Wildlife 1602 Streambed Alteration Agreement Notifications	\$36,000
4.6	NMFS ESA Section 7 Consultation	\$15,000
4.7	USFWS ESA Section 7 Consultation	\$22,000
4.8	CDFW Incidental Take Permit	\$20,000
4.9	Preconstruction Nesting Bird Survey	\$8,500
4.10	Conduct Western Yellow-billed Cuckoo Determinate Level Surveys	\$24,000

<b>Task Number</b>	<b>Task Description</b>	<b>Budget</b>
4.11	Worker Environmental Awareness Program	\$6,500
4.12	Fisheries and Water Quality Monitoring	\$82,350
4.13	Biological Compliance Verification and Reporting	\$18,000
	<i>Task 4 Subtotal</i>	<b>\$311,850</b>
<b>Task 5</b>	<b>Cultural Resources and Tribal Consultation</b>	
5.1	AB 52 Support to Support CEQA	\$5,000
5.2	Cultural Resources Inventory and Evaluation Documentation	\$14,000
5.3	Section 106 NHPA Coordination to Support Clean Water Act Permitting	\$3,700
5.4	Tribal Liaison	\$2,200
5.5	Tribal Monitoring During Construction	\$3,360
5.6	Archaeological Monitoring During Construction	\$5,700
5.7	Cultural Compliance Verification and Reporting	\$7,200
	<i>Task 5 Subtotal</i>	<b>\$41,160</b>
<b>Task 6</b>	<b>Technical Support/Meetings</b>	<b>\$27,000</b>
<b>Task 7</b>	<b>15% Contingency (Based on Subtotal of Tasks 1 through 6)</b>	<b>\$80,731</b>
<b>TOTAL</b>	<b>Tasks 1 through 7 (ECORP)</b>	<b>618,938</b>
Agency Fees	See below	

## **ESTIMATED APPLICATION/PERMIT FEES TO BE PAID DIRECTLY BY SBFCA (NOT INCLUDED IN BUDGETS ABOVE)**

RWQCB 401 Certification: 2019/20 RWQCB Annual Dredge Fee (Quantity Cubic Yards x \$0.426)

Assuming maximum of 65,000 cubic yards dredged:

- \$1,949 application fee, and
- \$27,690 annual fee (invoiced annually unless maximum \$142,100 fee reached)

1602 Notifications: 2019 Notification Fee Based on Total Cost of Project:

- Live Oak (based on total cost of \$25,000 to \$100,000): \$2,241
- Yuba City (based on total cost of \$350,000 or more): \$5,313

CDFW ITP Application: 2020 ITP Application Fees (for Projects Exceeding \$500,000):

- Mitigated at CDFW-approved bank: \$26,136, or
- Not mitigated at CDFW-approved bank: \$32,670.

## CONTACTS

All deliverables discussed in this SOW shall be provided to as described above.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed as of the day and year first written above.

SUTTER BUTTE FLOOD CONTROL AGENCY

CONSULTANT

By: \_\_\_\_\_

By: \_\_\_\_\_

MICHAEL BESSETTE

Executive Director, SBFCA

BJORN GREGERSEN

President, ECORP Consulting, Inc.



# Sutter Butte Flood Control Agency

*A Partnership for Flood Safety*

March 11, 2020

**TO:** Board of Directors

**FROM:** Michael Bessette, Executive Director

**SUBJECT:** Approval of Task Order 5 Amendment 4 with ECORP for Post-Construction Monitoring and Reporting for the Oroville Wildlife Area Project

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## **Recommendation**

It is recommended that the Board of Directors approve and authorize the Executive Director to execute Task Order 5 Amendment 4 with ECORP Consulting, Inc. (ECORP) to provide post-construction monitoring and reporting for the Oroville Wildlife Area (OWA) Project under the Master Services Agreement subject to legal counsel's final review and approval.

## **Background**

In 2017, SBFCA issued a Request for Qualifications (RFQ) for consulting firms to provide Environmental Services for SBFCA's program. Services requested included: CEQA/NEPA Environmental documents, permitting, ESA/CESA compliance, cultural resources, mitigation monitoring and implementation. Seven firms submitted Statements of Qualifications and three firms were interviewed by a four-person interview panel consisting of the Board Chair, Executive Director, Director of Engineering, and Agency Counsel. ECORP was unanimously selected as the top firm to provide the requested services. On July 12, 2017 the SBFCA Board approved a Master Services Agreement with ECORP. On December 13, 2017 the SBFCA Board approved Task Order 5 with ECORP to provide pre-construction environmental compliance and permitting services for the OWA Project. On May 9, 2018, the SBFCA Board approved Task Order 5 Amendment 1 to provide biological, cultural, tribal monitoring and environmental compliance services for the 2018 construction of the OWA Project. On December 12, 2018, the SBFCA Board approved Task Order 5 Amendment 2 with ECORP to provide biological, cultural, tribal monitoring and environmental compliance services necessary for construction of the project through the end of 2018. On March 28, 2019, the SBFCA Board approved Task Order 5 Amendment 3 with ECORP to provide biological, cultural, tribal monitoring and environmental compliance services necessary for construction of the project through the 2019 construction season.

Task Order 5 Amendment 4 was developed to provide post-construction monitoring and reporting for the OWA Project. The tasks are required and included as part of SBFCA's grant for construction of the new box culvert from the California Department of Fish and Wildlife (CDFW). Tasks include conducting aquatic habitat surveys, monitoring fish use of the new culvert and reconnected floodplain habitats, monitoring of potential fish stranding in the reconnected floodplain habitats, reporting of monitoring results, and conducting a fish tagging study. The tasks provided in this scope will completely fulfill implementation of the "Fisheries and Floodplain Inundation Long-term Monitoring and Reporting Plan for the Oroville Wildlife Area Flood Stage Reduction Project" (Monitoring Plan) as required per CDFW. This work is anticipated to occur over a two-year period and will be completed by spring of 2022.

**Fiscal Impact**

There is no net budgetary impact from the Board's approval of this task order amendment. Approval of Task Order 5 Amendment 4 will obligate SBFCA to pay for the associated services delivered (which are provided on a time and materials basis) up to the task order budget limitation. The total maximum limit for Task Order 5 is \$2,684,559 including Amendment 4's increase of \$159,000.

The budgeted expenditures within the OWA related capital programs reflected in the Final Approved 3-Year Budget will be sufficient to cover this TO amendment. The budgeted expenditures for the post-construction monitoring support are fully funded via SBFCA's grant with the California Department of Fish and Wildlife for the construction of the box culvert (731-7003-65722).

Attachment: ECORP Task Order 5 Amendment 4

## **ECORP Consulting, Inc.**

### **Task Order 5, Amendment 4 SCOPE OF WORK**

#### **Oroville Wildlife Area Flood Stage Reduction Project Floodplain Restoration Monitoring Project**

This task order is associated with the Master Agreement between Sutter Butte Flood Control Agency (SBFCA) and ECORP Consulting, Inc. (Consultant). Below is a scope of work and estimated costs for the monitoring and reporting tasks required for the implementation of the Oroville Wildlife Area (OWA) Floodplain Restoration Monitoring Project (Project). Tasks include conducting aquatic habitat surveys, monitoring fish use of the new culvert and reconnected floodplain habitats, monitoring of potential fish stranding in the reconnected floodplain habitats, reporting of monitoring results, and two optional tasks of monitoring floodplain inundation and conducting a fish tagging study. The tasks provided in this scope, including the optional tasks, will completely fulfill implementation of the draft "Fisheries and Floodplain Inundation Long-term Monitoring and Reporting Plan for the Oroville Wildlife Area Flood Stage Reduction Project" (Monitoring Plan). This work is anticipated to occur over a two-year period and will be completed by spring 2022.

#### **INTRODUCTION**

This change order has been prepared at the request of SBFCA to provide monitoring and reporting efforts to comply with the OWA Monitoring Plan.

#### **ASSUMPTIONS AND UNCERTAINTIES**

The Consultant has made the following assumptions in developing the scope of work.

- The monitoring tasks associated with this scope of work is anticipated to occur over a two-year period and will be completed by spring 2022.
- Because the monitoring tasks are largely dependent on weather and Feather River flow conditions, the exact timing and duration for each monitoring task is unknown at the time of this scoping effort.
- This scope of work is based on the tasks identified in the draft "Fisheries and Floodplain Inundation Long-term Monitoring and Reporting Plan for the Oroville Wildlife Area Flood Stage Reduction Project" (Monitoring Plan), currently in preparation and subject to change (which may require a future contract amendment, if additional agency requirements are applied).

#### **TASKS AND DELIVERABLES -PROPOSED NEW TASKS:**

##### **TASK 016: FLOODPLAIN AQUATIC HABITAT ASSESSEMENT**

Per the Monitoring Plan, the Consultant fisheries biologists and GIS specialists will conduct habitat monitoring to characterize the aquatic habitat conditions on the restored floodplain. The overall approach will include an initial examination of as-built design drawings for the restored floodplain and other available drawings, maps, or aerial imagery. This information will be used to determine potential areas to be surveyed using a combination of reconnaissance-level field surveys and aerial imagery obtained using UAS to characterize the physical aquatic habitat conditions within the restored floodplain. In the winter of Year One, the Consultant will conduct a one-day reconnaissance-level survey to physically assess and photo-document the potential habitat survey locations and to deploy automated temperature and water depth loggers in the interior channels of the reconnected floodplain. Data collected from the reconnaissance survey will be used to identify ten (10) aquatic habitat survey locations. These sites will be assessed during a one-day survey to be conducted in early winter of each year (i.e., two habitat surveys total). The data to be collected during these two annual surveys include all physical habitat parameters described in the Monitoring Plan.

Data on water temperatures and water depth will be continuously recorded near the new permanent connection using automated temperature and depth loggers during the winter-spring months in both years. The Consultant will offload data from each of these loggers on a weekly basis to minimize the potential for data loss. Following the third UAS survey each year, the Consultant biologists will conduct a weekly reconnaissance survey to visually assess and photo-document the extent of floodplain inundation. The reconnaissance surveys and data offload events will occur during fish monitoring visits under the Tasks below, and up to eight (8) additional weekly site visits in each year to be conducted in weeks during which no other on-site fish surveys will be conducted.

Task-Specific Assumptions:

- The estimated cost assumes time and materials for one (1) reconnaissance survey in Year One, one (1) physical habitat survey in Year One; one (1) physical habitat survey in Year Two, and up to eight (8) additional weekly site visits in each year (16 total) to offload temperature and depth logger data.
- The estimated cost includes purchase of four (4) automated temperature loggers, two (2) automated water depth loggers, one (1) data shuttle for offloading logger data and supplies to deploy and secure the loggers.

Deliverable:

- One (1) database (in MS Access or Excel format) containing all physical habitat, water temperature, and water depth data.

**TASK 017: MONITORING FISH AND USE OF THE NEW PERMANENT FLOODPLAIN CONNECTION**

Under this task, the Consultant will monitor volitional access of native fish to the reconnected floodplain by deploying fyke nets at the location of the new permanent notch connection. The proposed schedule for trapping includes six trapping events per year (i.e., twelve trapping events total), based on three specific periods of floodplain inundation:

1. Early on the ascending Feather River hydrograph;
2. Middle period of the Feather River descending hydrograph; and
3. Late period of the Feather River descending hydrograph.

Two (2) trapping events will occur during each of these periods to capture: (1) fish entering the floodplain, and (2) fish exiting the floodplain. Each trapping event will consist of deploying a fyke trap for a total of eight (8) consecutive hours and checking the nets every 1-2 hours for fish. To capture juvenile salmonids and other fish entering the floodplain, the fyke trap will be deployed immediately upstream (i.e., within the floodplain) of the new permanent notch connection. To capture fish exiting the floodplain, the fyke trap will be deployed immediately downstream (i.e., between the connection and Feather River) of the new permanent notch connection. All fish captured in the fyke nets will be taxonomically identified, enumerated, examined for presence of distinguishing marks or tags, and released upstream or downstream of the sampling location in accordance with the Monitoring Plan. The Consultant will also collect water quality data for each sampling event conducted under this task. All recorded data will be entered into a MS Access database. The Consultant will calculate the catch-per-unit-effort (CPUE) for each sampling event. The results will be used to estimate residence times and growth rates.

In addition to training materials, the Consultant will mark a subsample of native fish captured in the fyke nets with a distinguishing fin clip or other marking to further assess the nature and extent of the floodplain use, as described in the Monitoring Plan.

Task-Specific Assumptions:

- Costs for this task include hours for the Consultant to prepare, mobilize, conduct sampling, and demobilize, conduct data analyses, and direct costs for travel, vehicle, and daily rates for sampling equipment.
- The Consultant will conduct sampling at the new permanent box culvert connection a total of six (6) times per year for a total of twelve (12) sampling events during the two-year study period.

Deliverables:

- One (1) database (in MS Access or Excel format) containing all fish counts by species, fish size information, and site-specific information, including water quality measurement data.
- CPUE calculations for each sampling event.

## **TASK 018: MONITORING FLOODPLAIN USE BY NATIVE FISH SPECIES**

The Consultant will monitor native fish habitat usage to characterize the abundance, occupancy patterns, and catch-per-unit-effort (CPUE) of native fish species throughout the reconnected floodplain. Two (2) sample locations will be established in each of the four habitat types (i.e., shallow-water open, deep-water open, shallow-water complex, and deep-water complex habitats) for a total of eight (8) sample locations. Surveys will be conducted at each sample location once per year, ideally after an extended period of inundation, and the same eight locations will be sampled in both years. Sampling will be conducted using active fish capture methods, including beach seines and/or electrofishing. All fish captured in the fyke nets will be taxonomically identified, enumerated, examined for presence of distinguishing marks or tags, and released upstream or downstream of the sampling location in accordance with the Monitoring Plan. The results will be used to estimate residence times and growth rates. The Consultant will also collect water quality data at each sampling location. All recorded data will be entered into a MS Access database.

### Task-Specific Assumptions:

- Electrofishing methods will only be utilized if authorized by the California Department of Fish and Wildlife and National Marine Fisheries Service.
- Costs for this task include hours for the Consultant to prepare, mobilize, conduct sampling, and demobilize, conduct data analyses, and direct costs for travel, vehicle, and daily rates for sampling equipment.
- The Consultant will conduct sampling at the eight (8) sampling locations once per year for a total of two (2) sampling events at each location during the two-year study period.

### Deliverables:

- One (1) database (in MS Access or Excel format) containing all fish counts by species, fish size information, and site-specific information, including water quality measurement data.
- CPUE calculations for each sampling event.

## **TASK 019: MONITORING FISH STRANDING POTENTIAL**

The Consultant fisheries biologists will conduct reconnaissance surveys to identify and evaluate potential fish stranding areas on the floodplain in areas identified as having a high potential to become inundated and accessible to fish when the interior channels overtop and subsequently become isolated and hydraulically disconnected from the interior channels when flood flows recede. The Consultant biologists will conduct up to three (3) one-day stranding surveys in each monitoring year during receding flow periods for a total of six (6) one-day stranding surveys during the two-year study. Fish stranding surveys will be conducted using beach seines and/or electrofishing methods, depending on site-specific conditions. All fish will be taxonomically identified, enumerated, and released in accordance with the Monitoring Plan. The Consultant will record water quality data at each sampling site. Finally, the Consultant will quantitatively and/or qualitatively evaluate fish stranding potential by summarizing the number of fish collected from each location and determining, to the extent possible, the threshold river flow rates and rate of flood recession that may result in stranding.

### Task-Specific Assumptions:

- Electrofishing methods will only be utilized if authorized by the California Department of Fish and Wildlife and National Marine Fisheries Service.
- Costs for this task include hours for the Consultant to prepare, mobilize, conduct sampling, and demobilize, conduct data analyses, and direct costs for travel, vehicle, and daily rates for sampling equipment.
- The Consultant will conduct fish stranding surveys no more than three (3) times per year for a maximum total of six (6) one-day sampling events during the two-year study period.

### Deliverables:

- One (1) database (in MS Access or Excel format) containing all fish counts by species, fish size information, and site-specific information, including water quality measurement data.
- Evaluation of threshold river flow and flood recession rates that may result in stranding.

## **TASK 020: REPORTING**

In accordance with the Monitoring Plan, the Consultant will prepare a total of two (2) annual monitoring reports and submit spatial data to CDFW. A Year One Report will be prepared and submitted to CDFW within 90 days of completion of the Year One data collection efforts. The Final Report will be prepared and submitted to CDFW within 90 days of completion of the Year Two data collection efforts, along with spatial data in an ESRI format (e.g., geodatabase) that includes BIOStype metadata that meets Federal Geographic Data Committee (FGDC) standards.

### Task-Specific Assumptions:

- Costs for this task include hours for the Consultant to prepare a draft report for internal review and respond to one (1) round of Project team comments for the Year One and Final monitoring reports.
- In accordance with the Monitoring Plan, spatial data will be submitted to EcoAtlas, while aerial imagery will be provided to CDFW in an electronic format.
- Water quality data will be reported to the State Water Resources Control Board (SWRCB) in a manner that is compatible and consistent with CEDEN. Data will be uploaded to CEDEN through the appropriate Regional Data Center and a CEDEN-generated receipt of successful data transmission will be submitted to CDFW.

### Deliverables:

- Year One Restoration Monitoring Report.
- Final Restoration Monitoring Report.
- Spatial data (e.g., GIS shapefiles, aerial imagery) generated by the Consultant for the study.
- Water quality data.

## **TASK 021: PROJECT MANAGEMENT AND COORDINATION**

The Consultant's Project Manager will oversee implementation of the Project and coordinate with the Project team to ensure all tasks and deliverables are met and completed on time. This task includes coordination time with the Project team, natural resource agencies, and client to ensure completion of the study in accordance with the Monitoring Plan. This task also covers responding to client and agency requests as well as attendance at Project meetings, as needed.

## **TASK 022: CONDUCT FISH TAG MONITORING STUDY (OPTIONAL)**

In recent discussions, CDFW has indicated that they will likely be releasing tagged juvenile steelhead from the Feather River Fish Hatchery in February 2020. These fish will be implanted with acoustic tags and, potentially, with Passive Integrated Transponder (PIT) tags. To that end, the Consultant proposes an optional task to deploy automated acoustic tag receivers and/or employ handheld PIT tag readers to further evaluate use of the new permanent connection and floodplain by anadromous salmonids. Additionally, the Consultant could explore the potential to have additional juvenile fish (including Chinook salmon smolts) implanted with tags and released in the Feather River upstream of the new permanent connection and/or on the floodplain. The results of this additional monitoring effort would provide invaluable information regarding the movement, distribution, and floodplain residence timing and duration. This monitoring could be implemented as an additional effort, or partially in lieu of the monitoring efforts scoped in Task 2 and Task 3.

### Task-Specific Assumptions:

- The additional cost of this optional task would depend on the type and number of tags and receivers utilized and the degree to which the efforts under Task 2 and Task 3 would be reduced and replaced by the tagging study; the estimated cost provided may be reduced or eliminated by reducing the effort under Task 2 and Task 3.
- The estimated cost provided reflects an estimate of additional cost to purchase additional acoustic tags (which would be implanted into hatchery fish by CDFW staff) and deployment of eight (8) acoustic tag receivers at the new box culvert connection and throughout the interior floodplain channels.
- Costs for this task include hours for the Consultant to prepare, mobilize, conduct sampling, and demobilize, conduct data analyses, and direct costs for travel, vehicle, and daily rates for fish tag monitoring equipment.

### Deliverables:

- One (1) database (in MS Access or Excel format) containing all tagged fish detections.

## BUDGET

The budget for the tasks above is based on the provisions of the Master Agreement. A breakdown of work effort is provided on Table 1.

<b>Table 1. Budget Breakdown</b>	
<b>Tasks</b>	<b>Budget</b>
Task 016 – Floodplain Aquatic Habitat Assessment	\$24,000
Task 017 – Monitoring Fish Use of the New Permanent Floodplain Connection	\$40,800
Task 018 – Monitoring Floodplain Use by Native Fishes	\$25,800
Task 019 – Monitoring Fish Stranding Potential	\$20,400
Task 020 – Reporting	\$24,000
Task 021 - Project Management and Coordination	\$15,000
<b>Total (Tasks 016-021):</b>	<b>\$150,000</b>
Task 022 - Conduct Fish Tag Monitoring Study (Optional)	\$9,000*
<b>Total (Tasks 016-022):</b>	<b>\$159,000</b>

*\* Cost for this optional task could vary depending on monitoring approach and scope, based on discussions with CDFW.*

## CONTACTS

All deliverables discussed in this SOW shall be provided to as described above.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed as of the day and year first written above.

SUTTER BUTTE FLOOD CONTROL AGENCY

CONSULTANT

By: \_\_\_\_\_

By: \_\_\_\_\_

MICHAEL BESSETTE  
Executive Director, SBFCA

BJORN GREGERSEN  
President, ECORP Consulting, Inc.



# Sutter Butte Flood Control Agency

*A Partnership for Flood Safety*

March 11, 2020

**TO:** Board of Directors

**FROM:** Michael Bessette, Executive Director  
Seth Wurzel, Budget Manager

**SUBJECT:** Receive and File Monthly Financial Reports (January 2020)

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## **Recommendation**

Staff recommends that the Board receive and file the January 2020 Financial Reports and receive staff's monthly financial report update.

## **Background**

Staff will provide a brief presentation of SBFCA's current financial position and financial activities at the Board meeting and will be prepared to answer any questions. For this report, staff is presenting financial information for January 2020. Staff's oral presentation will cover the financial activities of the Agency through January 2020.

The monthly financial reports include the following information:

- Current Working Capital Position: The reports provide an update as to the liquidity of the Agency and ability to cover current obligations. This information is presented within the monthly financial reports prepared in coordination with Yuba City finance staff. The current and past months' financial reports reflects the financial information as of January 2020. The information presented is compared to the Final Amended Final Budget for 2019/20.

## **Fiscal Impact**

This is an informational item with no fiscal impact.

## **Attachments**

Yuba City Finance Department Memorandum, March 11, 2020 re: Monthly Financial Report: January 2020 2019



Yuba City  
Finance Department  
*Memorandum*

**Date:** March 11, 2020

**To:** Board Members, Sutter Butte Flood Control Agency  
Michael W. Besette, P.E., Executive Director

**From:** Spencer Morrison   
Agency Treasurer / Yuba City Finance Director

**Subject:** Monthly Financial Report: January 2020

Attached is the Monthly Financial Report for the Sutter Butte Flood Control Agency for the month of January covering fiscal year 2019-20. This Monthly Financial Report includes the following information prepared by SBFCA:

- Total working capital reconciliation: A reconciliation of total working capital for fiscal year 2019-20 through January 2020 as compared to the amended SBFCA Budget is shown. The statement also shows an estimated amount of invoiced expenditures and revenues received to date for fiscal year 2019-20. The total preliminary working capital for the Agency as of January 31, 2020 is estimated to be \$9,950,432 (**Exhibit A**).

As of the date of this report, the estimated difference between invoiced expenditures and paid expenditures is approximately \$166,611.

For fiscal year 2019-20 to date, the total amount of revenue received through grants from the State of California and assessment collection included in the working capital totals \$4,160,815. This represents combined Proposition 1E revenue for the EIP, LC FSRP, Regional Planning, and Emergency Response projects and Proposition 13 revenue for the Feasibility Study.

SBFCA has drawn the balance of its 2013 Assessment Revenue Bond proceeds. The balance of the 2015 Assessment Revenue Bond proceeds remaining with the Trustee is \$4,472.04 as of January 31, 2020.

**SBFCA Monthly Financial Report: January 2020**  
**March 11, 2020**

Taking into consideration payable expenses, assessment revenues received, State funding received, financing draws, and the repayment of debt, the Total Preliminary Working Capital for the Agency is approximately \$16,520,648.

- Summary statement of cumulative activities for fiscal year 2019-20 through January 2020: This statement shows the expenditures by fund and by the major expenditure category – Operations & Capital (USACE Study, EIP, Stakeholder Management, Regional Planning, Emergency Response Planning, etc.). This statement also shows the amounts received and expended through January 2020, as compared to the Final Amended SBFCA Budget for fiscal year 2019-20. This statement has been reconciled by SBFCA staff to the City of Yuba City's financial system (**Exhibit B**).

Check registers reflecting all checks issued on behalf of the Agency for January 2020 for fiscal year 2019-20 are included.

This correspondence is informational only. Please review and file.

Thank you.

# Exhibit A

## SBFCA BUDGET TOTAL WORKING CAPITAL RECONCILIATION

	FY 2019/20		
<u>Line Item Description</u>	<u>Amended 2019-20 Budget [1]</u>	<u>Month Ending January-20</u>	<u>Rec'd/Invoiced to Date</u>
<b>Working Capital Beginning of Period</b>			
Operational Fund 730	3,808,616	4,612,312	4,444,128
Capital Fund 731 - USACE Study	(8,584,264)	(8,667,129)	(8,666,390)
Capital Fund 731 - EIP	35,055,129	36,281,056	37,705,770
Capital Fund 731 - Stakeholder	16,247	23,267	23,267
Capital Fund 731 - RFMP	(226,721)	(237,294)	(237,835)
Capital Fund 731 - OWA	(4,218,510)	(1,577,938)	(1,577,938)
Capital Fund 731 - ER Planning	(69,991)	(69,991)	(69,991)
Capital Fund 731 - Gridley Bridge	(73,099)	(73,099)	(73,099)
Capital Fund 731 - FSRP	(1,608,467)	(1,642,410)	(1,642,410)
Capital Fund 731- ULOP	(6,844)	(6,844)	(6,844)
Capital Fund 731 - Small Communities	(581,975)	(497,651)	(72,954)
Capital Fund 731 - Flood & Emergency	(2,240)	(126,357)	(126,357)
Capital Fund 731 - Emergency Repair	(3,169,293)	(6,095,505)	(6,095,505)
<b>Total Beginning of Period</b>	<b>20,338,587</b>	<b>21,922,417</b>	<b>23,603,841</b>
<b>Transfers</b>			
Operational Fund 730			
Capital Fund 731			
<i>Capital Fund 731 - USACE Study</i>			
<i>Capital Fund 731 - EIP</i>			
<i>Capital Fund 731 - Stakeholder</i>			
<i>Capital Fund 731 - RFMP</i>			
<i>Capital Fund 731 - OWA</i>			
<i>Capital Fund 731 - ER Planning</i>			
<i>Capital Fund 731 - Gridley Bridge</i>			
<i>Capital Fund 731- FSRP</i>			
<i>Capital Fund 731- ULOP</i>			
<i>Capital Fund 731 - Flood &amp; Emergency</i>			
<i>Capital Fund 731 - Emergency Repair</i>			
Subtotal Capital Fund			
<b>Net Transfers</b>			
<b>Revenues</b>			
Operational Fund 730	750,000	352,508	352,508
Capital Fund 731			
<i>Capital Fund 731 - USACE Study</i>		-	
<i>Capital Fund 731 - EIP (Local)</i>	5,750,000	(2,647)	(2,647)
<i>Capital Fund 731 - EIP (State)</i>	7,000,000	(1,227,958)	1,148,518
<i>Capital Fund 731 - Stakeholder</i>	-	-	-
<i>Capital Fund 731 - RFMP</i>	481,888	-	-
<i>Capital Fund 731 - OWA</i>	11,818,263	5,038,912	7,717,839
<i>Capital Fund 731 - ER Planning</i>		-	
<i>Capital Fund 731 - Gridley Bridge</i>			
<i>Capital Fund 731- FSRP</i>	-	-	-
<i>Capital Fund 731- ULOP</i>	-	-	-
<i>Capital Fund 731 - Small Communities</i>	759,969		
<i>Capital Fund 731 - Flood &amp; Emergency</i>	150,000		
<i>Capital Fund 731 - Emergency Repair</i>	2,000,000		
Subtotal Capital Fund	27,960,119	3,808,307	8,863,709
<b>Total Revenues Operating &amp; Capital</b>	<b>28,710,119</b>	<b>4,160,815</b>	<b>9,216,218</b>

# Exhibit A

## SBFCA BUDGET TOTAL WORKING CAPITAL RECONCILIATION

	FY 2019/20		
<u>Line Item Description</u>	<u>Amended 2019-20 Budget [1]</u>	<u>Month Ending January-20</u>	<u>Rec'd/Invoiced to Date</u>
<b>Expenses</b>			
Operational Fund 730	1,106,854	56,632	62,626
Capital Fund 731			
<i>Capital Fund 731 - USACE Study</i>	1,099,468	668,148	806,448
<i>Capital Fund 731 - EIP</i>	9,028,859	4,495,795	4,418,675
<i>Capital Fund 731 - Stakeholder</i>	10,000		-
<i>Capital Fund 731 - RFMP</i>	-	9,419	9,644
<i>Capital Fund 731 - OWA</i>	7,724,420	6,853,306	6,862,519
<i>Capital Fund 731 - ER Planning</i>			
<i>Capital Fund 731 - Gridley Bridge</i>			
<i>Capital Fund 731- FSRP</i>	-	36,476	42,699
<i>Capital Fund 731- ULOP</i>	-		
<i>Capital Fund 731 - Small Communities</i>	177,994	121,367	133,030
<i>Capital Fund 731 - Flood &amp; Emergency</i>	150,000	(323)	(323)
<i>Capital Fund 731 - Emergency Repair</i>	6,500,000	242,639	314,751
Subtotal Capital Fund	24,690,742	12,426,828	12,587,444
<b>Total Expenses Operating &amp; Capital</b>	<b>25,797,595</b>	<b>12,483,459</b>	<b>12,650,070</b>
<b>Financing Activities [2]</b>			
Gross Proceeds from New Debt <i>[Trustee]</i>			
Proceeds from of New Debt <i>[SBFCA]</i>			
Short/Long Term Debt Repayment			
Costs of Financing			
Debt Service on Outstanding Debt	(5,467,781)	(3,649,341)	(3,649,341)
<b>Net Financing Activities</b>	<b>(5,467,781)</b>	<b>(3,649,341)</b>	<b>(3,649,341)</b>
<b>Working Capital End of Period</b>			
Operational Fund 730	3,451,762	4,908,188	4,734,010
Capital Fund 731 - USACE Study	(9,683,732)	(9,335,276)	(9,472,838)
Capital Fund 731 - EIP	33,308,488	26,905,315	30,783,625
Capital Fund 731 - Stakeholder	6,247	23,267	23,267
Capital Fund 731 - RFMP	255,167	(246,713)	(247,479)
Capital Fund 731 - OWA	(124,668)	(3,392,332)	(722,618)
Capital Fund 731 - ER Planning	(69,991)	(69,991)	(69,991)
Capital Fund 731 - Gridley Bridge	(73,099)	(73,099)	(73,099)
Capital Fund 731 - FSRP	(1,608,467)	(1,678,886)	(1,685,109)
Capital Fund 731- ULOP	(6,844)	(6,844)	(6,844)
Capital Fund 731 - Small Communities	-	(619,018)	(205,985)
Capital Fund 731 - Flood & Emergency	(2,240)	(126,035)	(126,035)
Capital Fund 731 - Emergency Repair	(7,669,293)	(6,338,145)	(6,410,257)
<b>Total End of Period</b>	<b>17,783,329</b>	<b>9,950,432</b>	<b>16,520,648</b>
<b>Working Capital Net of Trustee Funds</b>		<b>\$9,945,960</b>	<b>\$16,516,175</b>

[1] Reflects Board Approved Budget June 13, 2018.

[2] Financing Activities are reflected in the Capital Fund EIP Ending Working Capital Balance



SUNGARD PENTAMATION, INC.  
 DATE: 02/13/2020  
 TIME: 14:09:49

CITY OF YUBA CITY  
 CHECK REGISTER - BY FUND

PAGE NUMBER: 1  
 ACCTPA21

SELECTION CRITERIA: transact.yr='20' and transact.period='7' and transact.fund between '730' and '731'  
 ACCOUNTING PERIOD: 8/20

FUND - 730 - FLOOD CONTROL AGENCY

CASH ACCT	CHECK NO	ISSUE DT	-----VENDOR-----	FUND/DEPT	ACCNT	----DESCRIPTION----	SALES TAX	AMOUNT
10100	265137	01/16/20	308404 A&R JANITORIAL SERV	7350	62701	SBFCA/DECEMBER 2019	0.00	15.00
10100	265148	01/16/20	306369 BIDWELL CONSULTING	7350	62799	SBFCA/DECEMBER 2019	0.00	600.00
10100	265158	01/16/20	301598 CITY OF YUBA CITY	7350	62701	SBFCA/2Q FY 19-20	0.00	851.25
10100	265199	01/16/20	304090 KIM FLOYD COMMUNICA	7350	62701	SBFCA/DECEMBER 2019	0.00	114.45
10100	265211	01/16/20	304991 MICHAEL BESSETTE	7350	62801	SBFCA/DECEMBER 2019	0.00	49.57
10100	265231	01/16/20	201761 SPRINT	7350	62201	SBFCA/DECEMBER 2019	0.00	14.60
10100	265236	01/16/20	307507 TERRA YANEY	7350	62801	SBFCA/DEC 2019 REIM	0.00	126.64
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	7350	62201	TY/COMCAST	0.00	13.62
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	7350	62301	TY/POSTAGE	0.00	0.46
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	7350	62201	TY/TOLLFREE CONF	0.00	12.54
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	7350	66001	TY/OFFICE SUPPLIES	0.00	2.32
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	7350	66001	TY/WATER SERVICE	0.00	0.69
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	7350	66001	TY/BOARD LUNCH	0.00	190.35
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	7350	63201	TY/PGE	0.00	7.67
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	7350	62501	TY/STAPLES	0.00	3.86
TOTAL CHECK							0.00	231.51
10100	265323	01/23/20	201484 GAYNOR TELESYSTEMS	7350	62201	SBFCA/JANUARY 20	0.00	14.50
10100	265339	01/23/20	305409 LARSEN WURZEL & ASS	7350	62701	SBFCA/DECEMBER 2019	0.00	814.78
10100	265401	01/23/20	308355 YUBA RIVER MOULDING	7350	63201	SBFCA/JANUARY 2020	0.00	96.25
10100	265405	01/30/20	300739 ADVANCED DOCUMENT C	7350	62601	SBFCA/DECEMBER 2019	0.00	3.32
TOTAL CASH ACCOUNT							0.00	2,931.87
TOTAL FUND							0.00	2,931.87

SUNGARD PENTAMATION, INC.  
 DATE: 02/13/2020  
 TIME: 14:09:49

CITY OF YUBA CITY  
 CHECK REGISTER - BY FUND

PAGE NUMBER: 2  
 ACCTPA21

SELECTION CRITERIA: transact.yr='20' and transact.period='7' and transact.fund between '730' and '731'  
 ACCOUNTING PERIOD: 8/20

FUND - 731 - SBFCA CAPITAL FUND

CASH ACCT	CHECK NO	ISSUE DT	VENDOR	FUND/DEPT	ACCNT	DESCRIPTION	SALES TAX	AMOUNT	
10100	265022	01/09/20	25585	COMMUNITY MEMORIAL	997002	65674	SBFCA/HPTP MITIGATI	0.00	25,000.00
10100	265051	01/09/20	308537	INCONTEXT	995001	67401	SBFCA/OCT-DEC 2019	0.00	538.60
10100	265051	01/09/20	308537	INCONTEXT	996001	67401	SBFCA/OCT-DEC 2019	0.00	170.08
10100	265051	01/09/20	308537	INCONTEXT	996001	68901	SBFCA/OCT-DEC 2019	0.00	119.71
10100	265051	01/09/20	308537	INCONTEXT	995001	68901	SBFCA/OCT-DEC 2019	0.00	430.92
10100	265051	01/09/20	308537	INCONTEXT	996001	68401	SBFCA/OCT-DEC 2019	0.00	73.72
10100	265051	01/09/20	308537	INCONTEXT	995001	68401	SBFCA/OCT-DEC 2019	0.00	233.47
TOTAL CHECK							0.00	1,566.50	
10100	265064	01/09/20	305409	LARSEN WURZEL & ASS	997010	65737	SBFCA/NOVEMBER 2019	0.00	161.25
10100	265081	01/09/20	66230	NORDIC INDUSTRIES I	996001	68940	SBFCA/11/1-11/30/19	0.00	1.33
10100	265081	01/09/20	66230	NORDIC INDUSTRIES I	997005	65721	SBFCA/11/1-11/30/19	0.00	84,908.85
10100	265081	01/09/20	66230	NORDIC INDUSTRIES I	731	20194	SBFCA/11/1-11/30/19	0.00	-4,245.79
10100	265081	01/09/20	66230	NORDIC INDUSTRIES I	995001	68940	SBFCA/11/1-11/30/19	0.00	5.67
TOTAL CHECK							0.00	80,670.06	
10100	265137	01/16/20	308404	A&R JANITORIAL SERV	992004	65689	SBFCA/DECEMBER 2019	0.00	30.00
10100	265137	01/16/20	308404	A&R JANITORIAL SERV	995001	67310	SBFCA/DECEMBER 2019	0.00	193.80
10100	265137	01/16/20	308404	A&R JANITORIAL SERV	996001	67310	SBFCA/DECEMBER 2019	0.00	61.20
TOTAL CHECK							0.00	285.00	
10100	265154	01/16/20	306923	CAPRI & CLAY, INC.	996001	66552	SBFCA/DECEMBER 2019	0.00	8,000.00
10100	265158	01/16/20	301598	CITY OF YUBA CITY	996001	67310	SBFCA/2Q FY 19-20	0.00	3,473.10
10100	265158	01/16/20	301598	CITY OF YUBA CITY	992004	65689	SBFCA/2Q FY 19-20	0.00	1,702.50
10100	265158	01/16/20	301598	CITY OF YUBA CITY	995001	67310	SBFCA/2Q FY 19-20	0.00	10,998.15
TOTAL CHECK							0.00	16,173.75	
10100	265166	01/16/20	306396	ECORP CONSULTING, I	941064	65635	SBFCA/TASK ORDER #3	0.00	4,062.55
10100	265166	01/16/20	306396	ECORP CONSULTING, I	997003	65722	SBFCA/TASK ORDER 5	0.00	39,817.76
10100	265166	01/16/20	306396	ECORP CONSULTING, I	996001	68900	SBFCA/NOVEMBER 2019	0.00	118.60
10100	265166	01/16/20	306396	ECORP CONSULTING, I	997005	65722	SBFCA/TASK ORDER 5	0.00	2,095.67
10100	265166	01/16/20	306396	ECORP CONSULTING, I	996001	68400	SBFCA/NOVEMBER 2019	0.00	73.04
10100	265166	01/16/20	306396	ECORP CONSULTING, I	995001	67400	SBFCA/NOVEMBER 2019	0.00	533.59
10100	265166	01/16/20	306396	ECORP CONSULTING, I	995001	68400	SBFCA/NOVEMBER 2019	0.00	231.29
10100	265166	01/16/20	306396	ECORP CONSULTING, I	996001	67400	SBFCA/NOVEMBER 2019	0.00	168.50
10100	265166	01/16/20	306396	ECORP CONSULTING, I	995001	68900	SBFCA/NOVEMBER 2019	0.00	426.90
10100	265166	01/16/20	306396	ECORP CONSULTING, I	997002	65674	SBFCA/NOVEMBER 2019	0.00	289.10
TOTAL CHECK							0.00	47,817.00	
10100	265199	01/16/20	304090	KIM FLOYD COMMUNICA	996001	66331	SBFCA/DECEMBER 2019	0.00	521.86
10100	265199	01/16/20	304090	KIM FLOYD COMMUNICA	995001	66331	SBFCA/DECEMBER 2019	0.00	1,652.57
TOTAL CHECK							0.00	2,174.43	
10100	265205	01/16/20	55431	LEVEE DISTRICT 1	997002	65676	SBFCA/NOVEMBER 2019	0.00	417.95
10100	265211	01/16/20	304991	MICHAEL BESSETTE	941064	62798	SBFCA/DECEMBER 2019	0.00	47.15
10100	265211	01/16/20	304991	MICHAEL BESSETTE	996001	67310	SBFCA/DECEMBER 2019	0.00	101.41
10100	265211	01/16/20	304991	MICHAEL BESSETTE	992004	65689	SBFCA/DECEMBER 2019	0.00	49.71
10100	265211	01/16/20	304991	MICHAEL BESSETTE	995001	67310	SBFCA/DECEMBER 2019	0.00	321.14

SUNGARD PENTAMATION, INC.  
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CITY OF YUBA CITY  
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SELECTION CRITERIA: transact.yr='20' and transact.period='7' and transact.fund between '730' and '731'  
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FUND - 731 - SBFCA CAPITAL FUND

CASH ACCT	CHECK NO	ISSUE DT	VENDOR	FUND/DEPT	ACCNT	DESCRIPTION	SALES TAX	AMOUNT
TOTAL CHECK							0.00	519.41
10100	265219	01/16/20	301931 PETERSON, BRUSTAD,	995001	66513	SBFCA/NOVEMBER 2019	0.00	753.89
10100	265219	01/16/20	301931 PETERSON, BRUSTAD,	997011	65733	SBFCA/NOVEMBER 2019	0.00	219.00
10100	265219	01/16/20	301931 PETERSON, BRUSTAD,	997011	65730	SBFCA/NOVEMBER 2019	0.00	348.50
10100	265219	01/16/20	301931 PETERSON, BRUSTAD,	996001	66531	SBFCA/NOVEMBER 2019	0.00	656.59
10100	265219	01/16/20	301931 PETERSON, BRUSTAD,	997010	65738	SBFCA/NOVEMBER 2019	0.00	1,830.00
10100	265219	01/16/20	301931 PETERSON, BRUSTAD,	997010	65737	SBFCA/NOVEMBER 2019	0.00	219.00
10100	265219	01/16/20	301931 PETERSON, BRUSTAD,	997010	65730	SBFCA/NOVEMBER 2019	0.00	481.50
10100	265219	01/16/20	301931 PETERSON, BRUSTAD,	995001	66531	SBFCA/NOVEMBER 2019	0.00	2,079.19
10100	265219	01/16/20	301931 PETERSON, BRUSTAD,	997005	65720	SBFCA/TASK ORDER 12	0.00	4,178.07
10100	265219	01/16/20	301931 PETERSON, BRUSTAD,	995001	68941	SBFCA/TASK ORDER 12	0.00	4,447.86
10100	265219	01/16/20	301931 PETERSON, BRUSTAD,	997003	65720	SBFCA/TASK ORDER 12	0.00	2,268.09
10100	265219	01/16/20	301931 PETERSON, BRUSTAD,	996001	68941	SBFCA/TASK ORDER 12	0.00	1,043.33
10100	265219	01/16/20	301931 PETERSON, BRUSTAD,	996001	66513	SBFCA/NOVEMBER 2019	0.00	227.86
10100	265219	01/16/20	301931 PETERSON, BRUSTAD,	996001	66341	SBFCA/NOVEMBER 2019	0.00	6,095.04
10100	265219	01/16/20	301931 PETERSON, BRUSTAD,	995001	66341	SBFCA/NOVEMBER 2019	0.00	19,300.94
TOTAL CHECK							0.00	44,148.86
10100	265231	01/16/20	201761 SPRINT	996001	67310	SBFCA/DECEMBER 2019	0.00	59.57
10100	265231	01/16/20	201761 SPRINT	995001	67310	SBFCA/DECEMBER 2019	0.00	188.63
10100	265231	01/16/20	201761 SPRINT	992004	65689	SBFCA/DECEMBER 2019	0.00	29.20
TOTAL CHECK							0.00	277.40
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	992004	65689	TY/STAPLES	0.00	7.69
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	992004	65689	TY/WATER SERVICE	0.00	1.35
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	992004	65689	TY/OFFICE SUPPLIES	0.00	4.62
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	995001	67310	TY/COMCAST	0.00	175.90
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	995001	67310	TY/TOLLFREE CONF	0.00	161.87
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	995001	67310	TY/PGE	0.00	98.96
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	995001	67310	TY/STAPLES	0.00	49.70
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	995001	67310	TY/OFFICE SUPPLIES	0.00	29.87
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	995001	67310	TY/WATER SERVICE	0.00	8.75
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	996001	67310	TY/POSTAGE	0.00	1.87
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	996001	67310	TY/WATER SERVICE	0.00	2.77
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	996001	67310	TY/OFFICE SUPPLIES	0.00	9.43
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	996001	67310	TY/STAPLES	0.00	15.70
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	996001	67310	TY/PGE	0.00	31.25
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	996001	67310	TY/TOLLFREE CONF	0.00	51.12
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	996001	67310	TY/COMCAST	0.00	55.55
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	995001	67310	TY/POSTAGE	0.00	5.91
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	992004	65689	TY/POSTAGE	0.00	0.91
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	992004	65689	TY/PGE	0.00	15.31
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	992004	65689	TY/TOLLFREE CONF	0.00	25.05
10100	265254	01/16/20	302252 U.S. BANK CORP PAYM	992004	65689	TY/COMCAST	0.00	27.23
TOTAL CHECK							0.00	780.81
10100	265291	01/23/20	308632 BOLE & ASSOCIATES	995001	66513	SBFCA/DECEMBER 2019	0.00	1,976.00
10100	265291	01/23/20	308632 BOLE & ASSOCIATES	996001	66513	SBFCA/DECEMBER 2019	0.00	624.00
TOTAL CHECK							0.00	2,600.00
10100	265323	01/23/20	201484 GAYNOR TELESYSTEMS	992004	65689	SBFCA/JANUARY 20	0.00	29.00

SUNGARD PENTAMATION, INC.  
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FUND - 731 - SBFCA CAPITAL FUND

CASH ACCT	CHECK NO	ISSUE DT	VENDOR	FUND/DEPT	ACCNT	DESCRIPTION	SALES TAX	AMOUNT
10100	265323	01/23/20	201484	GAYNOR TELESYSTEMS	996001	67310 SBFCA/JANUARY 20	0.00	59.16
10100	265323	01/23/20	201484	GAYNOR TELESYSTEMS	995001	67310 SBFCA/JANUARY 20	0.00	187.34
TOTAL CHECK							0.00	275.50
10100	265339	01/23/20	305409	LARSEN WURZEL & ASS	996001	67311 SBFCA/DECEMBER 2019	0.00	1,709.14
10100	265339	01/23/20	305409	LARSEN WURZEL & ASS	997010	65737 SBFCA/DEC 2019	0.00	107.50
10100	265339	01/23/20	305409	LARSEN WURZEL & ASS	995001	66521 SBFCA/DECEMBER 2019	0.00	7,884.76
10100	265339	01/23/20	305409	LARSEN WURZEL & ASS	995001	67311 SBFCA/DECEMBER 2019	0.00	5,412.26
10100	265339	01/23/20	305409	LARSEN WURZEL & ASS	996001	66521 SBFCA/DECEMBER 2019	0.00	2,489.94
10100	265339	01/23/20	305409	LARSEN WURZEL & ASS	997011	65737 SBFCA/DECEMBER 2019	0.00	107.50
10100	265339	01/23/20	305409	LARSEN WURZEL & ASS	997010	65730 SBFCA/DEC 2019	0.00	387.50
10100	265339	01/23/20	305409	LARSEN WURZEL & ASS	997003	65720 SBFCA/DECEMBER 2019	0.00	4,262.50
10100	265339	01/23/20	305409	LARSEN WURZEL & ASS	997011	65730 SBFCA/DECEMBER 2019	0.00	387.50
10100	265339	01/23/20	305409	LARSEN WURZEL & ASS	997005	65720 SBFCA/DECEMBER 2019	0.00	2,673.75
TOTAL CHECK							0.00	25,422.35
10100	265401	01/23/20	308355	YUBA RIVER MOULDING	995001	67310 SBFCA/JANUARY 2020	0.00	1,243.55
10100	265401	01/23/20	308355	YUBA RIVER MOULDING	992004	65689 SBFCA/JANUARY 2020	0.00	192.50
10100	265401	01/23/20	308355	YUBA RIVER MOULDING	996001	67310 SBFCA/JANUARY 2020	0.00	392.70
TOTAL CHECK							0.00	1,828.75
10100	265405	01/30/20	300739	ADVANCED DOCUMENT C	995001	67310 SBFCA/DECEMBER 2019	0.00	42.95
10100	265405	01/30/20	300739	ADVANCED DOCUMENT C	992004	65689 SBFCA/DECEMBER 2019	0.00	6.65
10100	265405	01/30/20	300739	ADVANCED DOCUMENT C	996001	67310 SBFCA/DECEMBER 2019	0.00	13.56
TOTAL CHECK							0.00	63.16
10100	265471	01/30/20	308542	ODIN CONSTRUCTION	995001	66850 SBFCA/NOV-DEC 2019	0.00	44,142.84
10100	265471	01/30/20	308542	ODIN CONSTRUCTION	996001	66850 SBFCA/NOV-DEC 2019	0.00	13,939.85
10100	265471	01/30/20	308542	ODIN CONSTRUCTION	731	20194 SBFCA/NOV-DEC 2019	0.00	-2,904.13
TOTAL CHECK							0.00	55,178.56
10100	265493	01/30/20	300487	SWRCB ACCOUNTING OF	997005	65722 SBFCA/19/20 PERMIT	0.00	91.00
10100	265493	01/30/20	300487	SWRCB ACCOUNTING OF	997003	65722 SBFCA/19/20 PERMIT	0.00	169.00
TOTAL CHECK							0.00	260.00
10100	265501	01/30/20	308634	TRIANGLE PROPERTIES	941064	65648 SBFCA/NOVEMBER 2019	0.00	8,780.00
10100	265510	01/30/20	308538	VIKING CONSTRUCTION	997005	65721 SBFCA/11/21-12/20/1	0.00	253,180.00
10100	265510	01/30/20	308538	VIKING CONSTRUCTION	731	20194 SBFCA/11/21-12/20/1	0.00	-12,659.00
TOTAL CHECK							0.00	240,521.00
10100	265516	01/30/20	307582	WSP USA, INC.	995001	68931 SBFCA/DECEMBER 2019	0.00	3,143.73
10100	265516	01/30/20	307582	WSP USA, INC.	997003	65723 SBFCA/DECEMBER 2019	0.00	28,477.48
10100	265516	01/30/20	307582	WSP USA, INC.	996001	68931 SBFCA/DECEMBER 2019	0.00	992.76
10100	265516	01/30/20	307582	WSP USA, INC.	997005	65723 SBFCA/DECEMBER 2019	0.00	1,498.81
TOTAL CHECK							0.00	34,112.78
TOTAL CASH ACCOUNT							0.00	597,034.52
TOTAL FUND							0.00	597,034.52
TOTAL REPORT							0.00	599,966.39



# Sutter Butte Flood Control Agency

*A Partnership for Flood Safety*

March 11, 2020

**TO:** Board of Directors

**FROM:** Michael Bessette – Executive Director

**SUBJECT:** Receive and File Program/Project Update Report

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## Recommendation

Receive and file the March 2020 Program/Project update report and receive staff's monthly Program/Project presentation.

## Background

The purpose of this report is to provide a regular, monthly update on SBFCA program and project activities:

### *Engineering Design*

The Department of Water Resources (DWR) has notified SBFCA to discontinue design work on the irrigation canal rock slope protection project, as the DWR maintenance division will now take lead on designing and implementing the repairs. As such, all work by the SBFCA design team has been suspended. The design team continues to provide assistance to close out the UPRR Closure Structure project. The remaining activities for this project are for the contractor to provide one additional owner installation training with Levee District 1 which is now scheduled for March 9, and the design team to finalize the project as-built drawings. The design team continues to assist on encroachment compliance items such as tree removals, structure demolitions, and irrigation well relocations, which are an important component in the levee certification process.

The design team is finalizing the bid documents for the Trailer & Shed Demolition project in rural Butte County. This is an encroachment compliance cleanup item as noted above. This project will be out to bid in March and ready for contract award in April. It is anticipated that the actual demolition work will occur starting in May. The team also continues to process encroachment permit amendments through the Central Valley Flood Protection Board and coordinate with the associated permittees.

### *Construction Management (Project Areas B, C & D, and Completion Projects)*

The CM team is working on closing out the UPRR Closure Structure project in the City of Yuba City and the project closeout activities for the Reach 25 Pipe Abandonment project. The CM team is assisting Odin Construction on the completion of the UPRR Closure Structure project. All physical construction has been completed and only the final owner training of the closure structure installation remains to be completed as noted above. Project closeout activities including Operation and Maintenance manuals and Construction Completion reports will take another couple of months to complete.

The CM team is also closing out season-two construction of the Oroville Wildlife Area Flood Stage Reduction Project. Construction activities on the Nordic Industries contract including final cleanup, punch list job walk, and demobilization have now concluded. The CM team is also managing the construction of the OWA Interior Channel Bridges Project. The project was awarded to Viking Construction in August, began construction in mid-September, and was completed in February. Project closeout activities including Operation and Maintenance manuals and Construction Completion reports will take another couple of months to complete for both OWA contracts.

### *Environmental Documentation/Permitting/Monitoring/Mitigation*

ECORP Consulting continues to provide environmental and cultural permit compliance monitoring and documentation for all active projects (UPRR Closure Structure, both OWA construction contracts, FRWLP closeout activities, and the USACE Cypress to Tudor levee improvement project as needed).

SBFCA staff continues to coordinate closely with the Sacramento Valley Conservancy (SVC) on the Star Bend and Mathews Property environmental mitigation sites. Coordination meetings are now being held every other week in order to advance progress toward the completion of the required conservation easement and management plan. The affected regulatory agencies, CDFW and USFWS, are being coordinated with on the proposed easements in order to achieve their concurrence. All associated agreements, management plans, and conservations easements are being finalized. Coordination with Levee District 1 is taking place since they are the landowner of the Star Bend property. Staff provided an overview of this process at the October SBFCA Board meeting. Our current schedule is for the framework agreement and associated documents be presented to the SBFCA board for approval at the April 2020 Board meeting.

### *Right of Way*

The right-of-way team continues to finalize the administrative work for the land acquisitions required for the federal project (between Tudor Road and Cypress Avenue), and the associated federal credit package. The Department of Water Resources (DWR) has directed SBFCA to acquire the permanent real estate rights from the Laurel Avenue project limits needed in order to incorporate that levee improvement project into the federal crediting package. The team is also working on closing out all acquisitions needed for the FRWLP including the easements needed from the affected public agencies and several outstanding privately owned parcels. DWR will cost share in these property easement acquisitions through SBFCA's UFRR Funding Agreement. Staff is working with DWR to process a 7th amendment to cover these costs. The SBFCA right-of-way team and DWR (real estate branch and geodetics group) continue to conduct monthly coordination meetings to streamline the real estate acquisition reimbursement process and ultimate transfer of property to the State.

### *State & Local Funding and Coordination*

#### EIP / UFRR Agreement

SBFCA staff continues to work with DWR to process additional payments and reimbursement requests for various items of work. The last payment received and reported to the Board was in the amount of \$862,562 and was received on June 14, 2019. SBFCA is currently processing three payments totaling \$3.84 million in payments with DWR. This is an additional \$2.37 million more than what was reported to the Board last month.

In May 2019, SBFCA Staff submitted an amendment request to DWR for an Amendment to the funding agreement. This amendment requested five specific items from DWR as summarized below. DWR and SBFCA staff have been reviewing this request and updating the costs associated with Item No. 3 below. The following reflects the latest update to amount of funding requested, however, these amounts are still undergoing additional engineering review. Once the budgets are finalized, SBFCA will be submitting a revised funding request to DWR.

<b>No.</b>	<b>Impacted Term</b>	<b>Description</b>	<b>Request</b>	<b>Amount</b>
1	Expiration Date	Extend Date	December 31, 2022	N/A
2	Funding Limit	OWA Project	Increase Funding	\$3.74 Million
3	Funding Limit	Canal Slope	Increase Funding	\$7.01 Million [1]
4	Funding Limit	ROW in Fee @ Laurel for Federal Credit	Increase Funding	\$342,000
5	Funding Limit	Additional Cost for FRLIP	Increase Funding	\$452,178
<b>Total Additional State Funding Request</b>				<b>\$11.546 Million [2]</b>

[1] DWR determined that they will not approve the requested funding for the Rock Slope protection under EIP/UFRR on 2/27/2020. Final Amount Requested for Amendment 7 to be determined.

[2] Final request for Additional State Funding subject to change due to DWR having rejected the initial amount proposed for Rock Slope.

The items listed above are being processed as two amendments. DWR is processing a 6<sup>th</sup> Amendment that will extend the time only (Item No. 1 above). This amendment has been fully executed and is pending Department of General Services (DGS) approval. The second amendment (Amendment No. 7), as noted above, is still undergoing engineering review but the requested \$7 million in State funds for the Rock Protection of the Canal Slope was rejected by DWR on 2/27/2020. The amount of additional State Funding will decrease once a final amendment amount is calculated.

The table below presents the funding status of the Agency's UFRR Grant.

**FRWLP DWR EIP/UFRR Funding**

	<u>Agreement</u>		
	<u>Design</u>	<u>Construction</u>	<u>Total</u>
Agreement No.	#4600009480	#4600010296	
Capital Outlay Amount	\$9,000,000	\$56,780,000	\$65,780,000
Amendment 1	\$0 [1]	\$0 [2]	\$0
Amendment 2	\$14,869,280 [3]	\$57,803,791 [4]	\$72,673,071
Amendment 3	\$0	\$43,861,587	\$43,861,587
Amendment 4	\$0	\$40,828,931	\$40,828,931
Amendment 5	-\$2,529,451 [5]	\$31,730,451 [5]	\$29,201,000
Amendment 6	\$0	\$0 [1]	\$0
<i>Pending CFA 7 Budget (for original scope of work)</i>	\$0	\$452,178 [6]	\$452,178
<b>TOTAL FUNDING</b>	<b>\$21,339,829</b>	<b>\$231,456,938</b>	<b>\$252,796,767</b>
Receipts			
Payments to Date	\$21,339,829	\$210,757,396	\$232,097,226
Pending [7]	\$0	\$3,837,943	\$3,837,943
<b>TOTAL PAYMENTS</b>	<b>\$21,339,829</b>	<b>\$214,595,339</b>	<b>\$235,935,169</b>
<b>GRANT BALANCE</b>	<b>\$0</b>	<b>\$16,861,599</b>	<b>\$16,861,599</b>

- [1] Amendment 1 to the Design Agreement and Amendment 6 to the Construction Agreement amended the terms of the agreements (time extensions only).
- [2] Amendment 1 to the Construction Agreement amended the scope agreement to include the closure of gaps (at reaches 13 and 24) in Area C.
- [3] Amendment 2 to the Design Agreement increased the cost share from 50% to 76% State Cost Share and increased the State funding limit.
- [4] Amendment 2 to the Construction Agreement increased the scope to include Areas B & D2A and increased the State funding limit. It also incorporated many of the guideline provisions of the UFRR Program.
- [5] Reflects pending transfer of remaining design funding to the CFA and additional funding from DWR for emergency work (\$25,000,000 for R 14 – 16 and \$4,201,000 for emergency storm response).
- [6] The proposed CFA Amendment 7 has been requested with additional for the FRWLP in the amount of \$452,178. Additional funding for other scope items to be included in Amendment 7 has not been included in the above analysis.
- [7] Pending payments for 21<sup>st</sup>, 22<sup>nd</sup>, and 23<sup>rd</sup> Quarters (through the period ending September 30, 2019)

***OWA (CDFW & WCB) Grant Agreements***

SBFCA staff is working with the WCB and CDFW to process payments for the ongoing OWA work. Recent payments were received for the WCB 2018 grant in the amount of \$2,362,367 and for the CDFW grant in the amount of 4,763,562. SBFCA currently has \$2,678,927 in pending payments due from WCB. The table(s) below presents the funding status of the Agency's WCB Grant and CDFW Grant, respectively.

**OWA WCB 2018 Funding**

	<u>Agreement</u>		<u>Total</u>
Grant Agreement No.	WC-1736BC	WC-1842AP	
Grant Amount	\$5,070,900	\$1,542,100	\$6,613,000
<b>TOTAL FUNDING</b>	<b>\$5,070,900</b>	<b>\$1,542,100</b>	<b>\$6,613,000</b>
<i>Payment Received</i>			
PMT 1	\$768,688		\$768,688
PMT 2	\$1,593,679		\$1,593,679
<i>Pending</i>			
PMT 1		\$1,011,120	\$1,011,120
PMT 3	\$17,073		\$17,073
PMT 4	\$53,946		\$53,946
PMT 5	\$1,596,787		\$1,596,787
<b>TOTAL PAYMENTS</b>	<b>\$4,030,173</b>	<b>\$1,011,120</b>	<b>\$5,041,294</b>
<b>GRANT BALANCE</b>	<b>\$1,040,727</b>	<b>\$530,980</b>	<b>\$1,571,706</b>

**OWA CDFW 2017 Funding**

	<u>Agreement</u>	<u>Total</u>
Grant Agreement No.	P1796010	
Grant Amount	\$5,648,836	\$5,648,836
<b>TOTAL FUNDING</b>	<b>\$5,648,836</b>	<b>\$5,648,836</b>
<i>Receipts [1]</i>		
<i>Received</i>		
PMT 1	\$22,457	\$22,457
PMT 2	\$29,825	\$29,825
PMT 3a	\$3,253,250	\$3,253,250
PMT 3b	\$1,458,029	\$1,458,029
<i>Pending</i>		
<b>TOTAL PAYMENTS</b>	<b>\$4,763,562</b>	<b>\$4,763,562</b>
<b>GRANT BALANCE</b>	<b>\$885,274</b>	<b>\$885,274</b>

*Oroville Wildlife Area (OWA) Flood Stage Reduction Project*

As mentioned previously, the contractor has completed the construction of the new box culvert, the interior channel grading, fish berm, and the parking and site access improvements. The project team is coordinating closely with both DWR and CDFW on closing out this work. Construction of the bridge related work is also now complete and a final inspection was held with the contractor, WSP, DWR, and CDFW on February 11<sup>th</sup>. The project team continues to work on project closeout and on post-construction monitoring activities. SBFCA staff also continues to coordinate with River Partners regarding their work on the invasive species removal and the new vegetation planting efforts. In regards to funding, SBFCA staff submitted a grant application to CDFW on November 21 requesting \$2.1M to help advance a new project in the OWA called the Robinson's Riffle Restoration Project.

Similar to what was done for the OWA FSR project, the new grant would fund a feasibility phase to engage stakeholders and define a preferred alternative. The grant would also fund the design and initial permitting for the preferred alternative.

#### *Sutter Basin Flood Risk Management Project (federal project)*

USACE's contractor, Great Lakes E&I, completed the installation of the levee crown aggregate base road in February. Coordination work for the 2020 construction season pipe installations is ongoing and includes key representatives from USACE, the irrigation facility owners, Great Lakes E&I, SBFCA staff and other stakeholders. SBFCA staff and consultants are providing engineering (including cost engineering), economics, right-of-way, and cultural and environmental permitting support. SBFCA staff continues to participate in frequent USACE project management team and construction coordination meetings in order to advance the project and look out for community concerns.

#### *Small Community Studies-Sutter and Tudor*

The project team has completed its evaluation of the various proposed alternatives and has finished preparing the financial analysis and study reports. The final reports were transmitted to DWR on February 14. DWR has indicated that they have up to \$29M in Proposition 1E funds to award in Phase 2 and SBFCA submitted an application to DWR on February 3 to request funding for design, permitting, and construction of improvements to the Sutter Bypass east levee.

#### *Proposition 68 Sediment Management*

Staff continues to work with the California Natural Resources Agency (CNRA) and local stakeholders for \$5 million of direct funding for SBFCA-led projects. CNRA has finished with processing the proposed changes to the funding agreement language and the agreement is expected to be executed in March. Once received, staff will work on kicking off the design and permitting efforts. The scope of work includes sediment removal at both the Yuba City and Star Bend boat launch locations, and removal of aquatic invasive species at the Live Oak boat launch location. SBFCA staff also submitted a grant application to CDFW on November 25 requesting \$1.2M in funding to help supplement and expand upon the work that will be done as part of the CNRA grant.

#### *Butte County FEMA Accreditation*

SBFCA staff submitted the Butte County FEMA accreditation package to FEMA in July of 2019. Following submittal, it is projected that the review and processing period with FEMA will take approximately 2 to 3 years before the proposed mapping changes become effective. The package is currently under review by FEMA. The SBFCA team provided additional information to FEMA in December and January and the team is awaiting to hear back.

#### **Fiscal Impact**

This is an informational item only with no fiscal impact to SBFCA.



# Sutter Butte Flood Control Agency

*A Partnership for Flood Safety*

March 11, 2020

## **Item 5**

**TO:** Board of Directors  
**FROM:** Michael Bessette, Executive Director  
**SUBJECT:** Program/Project Update

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This time has been set aside on the agenda for a report and discussion (if necessary) by member and partner agency representatives.

## **Item 6**

**TO:** Board of Directors  
**FROM:** Michael Bessette, Executive Director  
**SUBJECT:** Other Reports by Agency Staff and Consultants

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This time has been set aside on the agenda for Board discussion and staff response regarding correspondence received by the Agency.

## **Item 7**

**TO:** Board of Directors  
**FROM:** Michael Bessette, Executive Director  
**SUBJECT:** Report by Member Partner Agencies

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This time has been set aside on the agenda for Board discussion and staff response regarding correspondence received by the Agency.

## **Item 8**

**TO:** Board of Directors  
**FROM:** Michael Bessette, Executive Director  
**SUBJECT:** Report on Correspondence Sent by and Received by the Board

## **Fiscal Impact**

The above items are informational only with no fiscal impact to the Agency.