

CITY OF YUBA CITY  
STAFF REPORT

**Date:** April 16, 2019  
**To:** Honorable Mayor & Members of the City Council  
**From:** Public Works Department  
**Presented by:** Mandeep Chohan, Senior Engineer

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**Summary**

**Subject:** 2017 Storm Damage Repairs to Yuba City Intake Access Road and Discharge Ponds – Preparation of Construction Contract Documents

**Recommendation:** A. Adopt a Resolution authorizing the City Manager to finalize and execute, upon approval by the City Attorney as to legal form, a Professional Services Agreement with Jacobs Engineering Group Inc. of Sacramento, CA in the amount of \$147,464 to prepare construction contract and environmental documents for the 2017 Storm Damages to Yuba City Water Intake Access Road Repair Project, with the finding that it is in the best interest of the City.

B. Adopt a Resolution authorizing the City Manager to finalize and execute, upon approval by the City Attorney as to legal form, a Professional Services Agreement with Jacobs Engineering Group Inc. of Sacramento, CA in the amount of \$252,292 to prepare construction contract and environmental documents for the 2017 Storm Damages to Wastewater Treatment Facility's Discharge Ponds Repair Project, with the finding that it is in the best interest of the City.

**Fiscal Impact:** \$147,464 – Account No. 971248 (Storm Damage Repairs to Low Lift Facility & Access Road)  
\$252,292 – Account No. 981250 (Storm Damage Repairs to Ponds and Access Road)

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**Purpose:**

To repair the damage to City infrastructure resulting from the 2017 emergency storm event.

**Background:**

The access road (Access Road) to the City's Water Intake Facility and Wastewater Treatment Facility's discharge ponds (Ponds) are located in the Feather River floodplain. The Access Road and Ponds were damaged by the January/February 2017 storm-related high-water events inside the Feather River. The 2017 storm event was declared a federal emergency.

Public Works and Finance staff have worked with the California Governor's Office of Emergency Services (Cal-OES) staff and Federal Emergency Management Agency (FEMA) staff to assess the

storm-related damages and to request the funds to repair these damaged facilities, beginning in February 2017.

The City's application for the Access Road repairs is currently under review by FEMA's environmental staff. FEMA has requested additional information to complete the review and approval process for the Access Road repair application. It is necessary to prepare the preliminary design (approximate cost \$50,000) of the Access Road project in order to provide the additional information as requested by FEMA. Public Works staff has determined the scope of work of the recommended Professional Services Agreement to prepare the preliminary design and scope of work documents for the project.

Cal-OES and FEMA have already approved the requested repairs to the Ponds and associated hazard mitigation work. In an attempt to meet their August 16, 2019 deadline, Public Works staff began working with MHM, Inc. in March 2019 for the preliminary design work for the Ponds project, as they are on-call with the City for wastewater-related professional services.

The documents for the Ponds project include environmental permitting and the design of a new point of discharge on the east side of the Feather River channel in addition to the preliminary design work begun by MHM. The new discharge location allows diverting discharge into the river instead of the ponds, so that they may dry out for the necessary repair work. The Central Valley Regional Water Quality Control Board is in the process of approval of the new discharge location. While the new discharge location is an essential part of the Ponds project, it is unknown at this time whether the costs for this portion of work (approximately \$80,000) will be reimbursable from FEMA. Staff is planning to request the cost reimbursement from FEMA.

### **Analysis:**

On July 17, 2018, Council awarded a contract to Jacobs Engineering Group Inc. (as CH2M Hill, Inc.) for the design and environmental permitting for the relocation of the Wastewater Treatment Facility's diffuser in the Feather River, following a competitive Request for Proposal process. MHM is serving as a subconsultant on the diffuser project. The proposed 2017 storm-related projects are similar to but less complex than the diffuser relocation design project.

Cal-OES has permitted the City to hire a professional services firm that the City has used for similar work in the past, provided the costs are reasonable; therefore, staff has determined that the combination of Jacobs Engineering Group Inc. and MHM is particularly suited for this work and recommends contracting with them as in the best interest of the City due to their experience and ability to meet Cal-OES timeline requirements.

Jacobs Engineering Group Inc. has agreed to serve as the project lead, with MHM as a sub-consultant. Both firms have had a significant hand in these and related projects and together will most effectively prepare the necessary documents.

### **Fiscal Impact:**

Fiscal Year 2018-19 adopted Capital Improvement Program budget

1. \$147,464 – Account No. 971248 (Storm Damage Repairs to Low Lift Facility & Access Road)
  - Predesign and Submit Permits for FEMA Comments: \$ 71,493
  - Permitting and Address FEMA Comments: \$ 15,066
  - Final Design: \$ 36,218
  - Bid Services: \$ 11,281
  - Contingency (10%): \$ 13,406
  
2. \$252,292 – Account No. 981250 (Storm Damage Repairs to Ponds and Access Road)\*
  - Predesign and Submit Permits for FEMA Comments: \$133,581

- Permitting and Address FEMA Comments: \$ 23,037
- Final Design: \$ 60,202
- Bid Services \$ 12,537
- Contingency (10%): \$ 22,935

It is anticipated that FEMA and Cal-OES will reimburse 93.75% of the total project costs. Staff is recommending two separate agreements in order to better track the expenditures for reimbursement. City's Water and Wastewater funds will fund the contract costs, if FEMA does not reimburse the City. In either case, it is important to complete the repair to these facilities, as they are essential components of the City's Water and Wastewater Infrastructure.

There is a risk of non-reimbursement for approximately \$80,000 for the new discharge location part of the Ponds project not listed in FEMA's prior approval. This new discharge location is required in order to complete the approved Ponds project, and staff plans to request approval of the work not listed in the prior approval before constructing the project.

**Alternatives:**

1. Direct staff to conduct a Request for Proposal process
2. Approve only Recommendation A or Recommendation B

These alternatives will result in delays to the projects themselves and may impact the funding from Cal-OES/FEMA.

**Recommendation:**

A. Adopt a Resolution authorizing City Manager to finalize and execute, upon approval by the City Attorney as to legal form, a Professional Services Agreement with Jacobs Engineering Group Inc. of Sacramento, CA in the amount of \$147,464 to prepare construction contract and environmental documents for 2017 Storm Damages to Yuba City Water Intake Access Road Repair Project, with the finding that it is in the best interest of the City

B. Adopt a Resolution authorizing City Manager to finalize and execute, upon approval by the City Attorney as to legal form, a Professional Services Agreement with Jacobs Engineering Group Inc. of Sacramento, CA in the amount of \$252,292 to prepare construction contract and environmental documents for the 2017 Storm Damages to Wastewater Treatment Facility's Discharge Ponds Repair Project, with the finding that it is in the best interest of the City

Attachments:  
Resolutions

Prepared by:

*/s/ Mandeep S. Chohan*  
Mandeep S. Chohan  
Senior Engineer

Submitted by:

*/s/ Diana Langley*  
Diana Langley  
Interim City Manager

Reviewed by:

Department Head  
Finance  
City Attorney

BM  
RB  
SLC by email

# ATTACHMENT 1

**RESOLUTION NO. \_\_\_\_\_**

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF YUBA CITY  
AUTHORIZING THE CITY MANAGER TO FINALIZE AND EXECUTE A  
PROFESSIONAL SERVICES AGREEMENT WITH JACOBS  
ENGINEERING GROUP INC. TO PREPARE CONSTRUCTION  
CONTRACT AND ENVIRONMENTAL DOCUMENTS FOR THE 2017  
STORM DAMAGE TO YUBA CITY WATER INTAKE ACCESS ROAD  
REPAIR PROJECT**

WHEREAS, the access road to City of Yuba City's Water Intake Facility was damaged by the high-water events in the Feather River in February 2017;

WHEREAS, the City of Yuba City requested financial aid from the California Governor's Office of Emergency Services and the Federal Emergency Management Agency to repair the damages and for hazard mitigation work to the access road;

WHEREAS, the application for financial aid is under review by the Federal Emergency Management Agency and the Federal Emergency Management Agency has requested additional information to compete the review;

WHEREAS, it is necessary to prepare the preliminary design work in order to provide additional information as requested by the Federal Emergency Management Agency;

WHEREAS, it is necessary to select a Consultant providing Professional Services to prepare construction contract and environmental documents for the 2017 Storm Damages to Yuba City Water Intake Access Road Repair Project;

WHEREAS, the City Council desires to select Jacobs Engineering Group, Inc. as said Consultant and authorize the City Manager to enter into an agreement, subject to approval as to legal form by the City Attorney, for preparation of a construction contract and environmental documents.

NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Yuba City as follows:

1. The City Council finds that it is in the best interest of the City to select Jacobs Engineering Group, Inc., to prepare construction contract and environmental documents for the 2017 Storm Damages to Yuba City Water Intake Access Road Repair Project, and to award a contract to Jacobs Engineering Group, Inc., for the same.

2. The City Council authorizes the City Manager to prepare, enter into, and execute a Professional Services Agreement on behalf of the City, subject to approval as to legal form by the City Attorney, with Jacobs Engineering Group Inc. of Sacramento, CA, in the amount of \$147,464 to prepare construction contract and environmental documents for the 2017 Storm Damages to Yuba City Water Intake Access Road Repair Project.

3. This Resolution shall take effect immediately.

The foregoing Resolution was duly and regularly introduced, passed, and adopted by the City Council of the City of Yuba City at a regular meeting thereof held on April 16, 2019 by the following vote:

AYES:

NOES:

ABSENT:

ATTEST:

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Patricia Buckland, City Clerk

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Shon Harris, Mayor

APPROVED AS TO FORM  
COUNSEL FOR YUBA CITY

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Shannon Chaffin, City Attorney  
Aleshire & Wynder, LLP

**RESOLUTION NO. \_\_\_\_\_**

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF YUBA CITY  
AUTHORIZING THE CITY MANAGER TO FINALIZE AND EXECUTE A  
PROFESSIONAL SERVICES AGREEMENT WITH JACOBS  
ENGINEERING GROUP INC. TO PREPARE CONSTRUCTION  
CONTRACT AND ENVIRONMENTAL DOCUMENTS FOR THE 2017  
STORM DAMAGE TO WASTEWATER TREATMENT FACILITY'S  
DISCHARGE POND REPAIR PROJECT**

WHEREAS, the City of Yuba City's Wastewater Treatment Facility's discharge ponds were damaged by the high-water events in the Feather River in January 2017;

WHEREAS, the City of Yuba City requested financial aid from the California Governor's Office of Emergency Services and the Federal Emergency Management Agency to repair the damages and for hazard mitigation work to the ponds;

WHEREAS, the application for financial aid has been approved by the California Governor's Office of Emergency Services and the Federal Emergency Management Agency;

WHEREAS, in order to complete the project, it is necessary to select a Consultant providing Professional Services to prepare construction contract and environmental documents for the 2017 Storm Damages to Wastewater Treatment Facility's Discharge Ponds Repair Project;

WHEREAS, the City Council desires to select Jacobs Engineering Group, Inc. as said Consultant and authorize the City Manager to enter into an agreement, subject to approval as to legal form by the City Attorney, for preparation of a construction contract and environmental documents.

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APPROVED AS TO FORM  
COUNSEL FOR YUBA CITY

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Shannon Chaffin, City Attorney  
Aleshire & Wynder, LLP