



AGENDA

**MEETING/WORKSHOP
OF THE
BOARD OF DIRECTORS**

**WEDNESDAY, FEBRUARY 7, 2018
10:00 A.M.**

**INLAND EMPIRE UTILITIES AGENCY*
AGENCY HEADQUARTERS
BOARD ROOM
6075 KIMBALL AVENUE
CHINO, CALIFORNIA 91708**

**CALL TO ORDER
OF THE INLAND EMPIRE UTILITIES AGENCY BOARD OF DIRECTORS
MEETING/WORKSHOP MEETING**

FLAG SALUTE

PUBLIC COMMENT

Members of the public may address the Board on any item that is within the jurisdiction of the Board; however, no action may be taken on any item not appearing on the agenda unless the action is otherwise authorized by Subdivision (b) of Section 54954.2 of the Government Code. Those persons wishing to address the Board on any matter, whether or not it appears on the agenda, are requested to complete and submit to the Board Secretary a "Request to Speak" form which is available on the table in the Board Room. Comments will be limited to three minutes per speaker. Thank you.

ADDITIONS TO THE AGENDA

In accordance with Section 54954.2 of the Government Code (Brown Act), additions to the agenda require two-thirds vote of the legislative body, or, if less than two-thirds of the members are present, a unanimous vote of those members present, that there is a need to take immediate action and that the need for action came to the attention of the local agency subsequent to the agenda being posted.

1. WORKSHOP

A. IEUA-DENMARK KNOWLEDGE SHARING PARTNERSHIP (POWERPOINT)

B. REGIONAL WATER RESOURCES MANAGEMENT (POWERPOINT)

2. ACTION ITEM

A. PROPOSITION 1 GRANT PROFESSIONAL SERVICES CONTRACT AMENDMENT


Staff recommends that the Board :

1. Award an engineering services contract amendment to GEI Consultants, Inc., for a not-to-exceed amount of \$82,000; and
2. Authorize the General Manager to execute the contract subject to non-substantive changes

3 ADJOURN

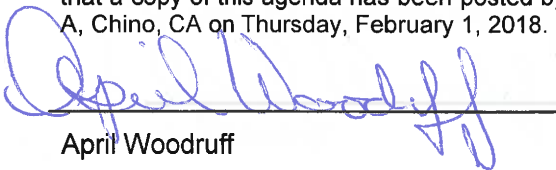
*A Municipal Water District

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Board Secretary (909) 993-1736, 48 hours prior to the scheduled meeting so that the Agency can make reasonable arrangements.

Proofed by: 

Declaration of Posting

I, April Woodruff, Board Secretary of the Inland Empire Utilities Agency*, A Municipal Water District, hereby certify that a copy of this agenda has been posted by 5:30 p.m. at the Agency's main office, 6075 Kimball Avenue, Building A, Chino, CA on Thursday, February 1, 2018.


April Woodruff

WORKSHOP

1A

IEUA-Denmark Knowledge Sharing Partnership

February 2018



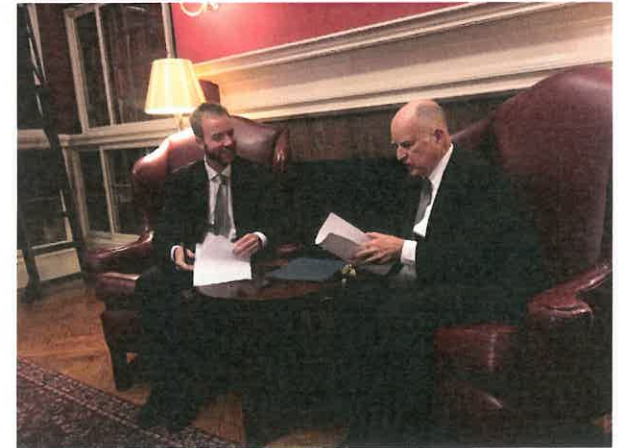
Presentation Overview

- Introduction
- The Evolution of the Danish Water Model
- Wastewater Fact Finding Trip
- Observations & Learning Opportunities
- Next Steps



The Evolution of the Danish Water Model

- Historical Drivers
- Benchmarking & Efficiency Goals
- Partnering for Success
 - Regulators
 - Private Sector
- International Outreach and Collaboration
- Development of the Water Technology Alliance
 - Knowledge Sharing
 - Fact Finding Tours
 - MOU with State of California



Observations & Learning Opportunities

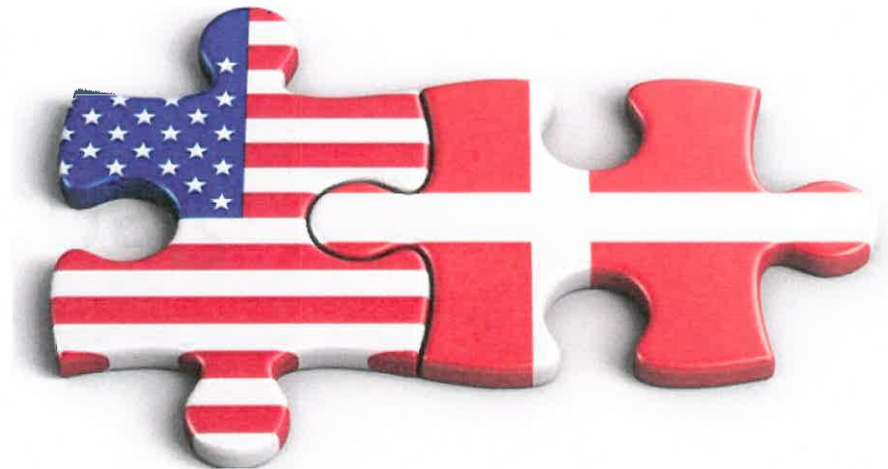
Key Business Takeaways

- High Accountability to Public
 - Benchmarking
 - Merging Utilities
- Drive for Partnerships
 - Regulatory
 - Private Sector
 - International
- Ambitious Efficiency Goals
- State-of-the-Art Automation



Next Steps

- Benchmarking
- Carbon Canyon Peer Review
- Grant Funding Opportunities
- Continued Knowledge Sharing
 - DK interest in Battery Storage
 - IEUA interest in Energy Reduction





Questions?

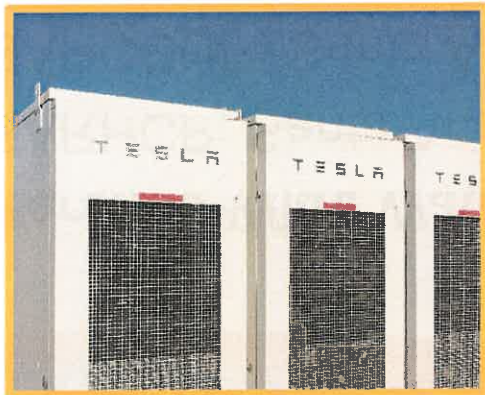
WORKSHOP

1B

Regional Water Resources Management

IEUA Board Workshop

February 2018



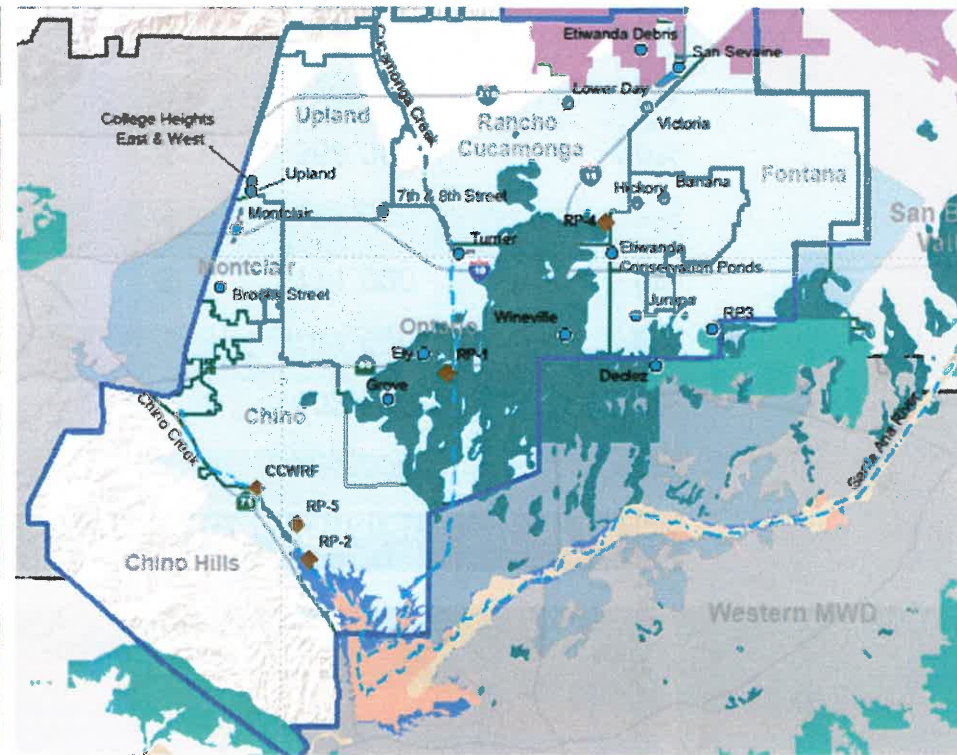
Overview

Watershed-Wide Water Resources Program Update:

- SARHCP: Santa Ana River Habitat Conservation Plan & Integrated Model
- SARCCUP: Santa Ana River Conservation and Conjunctive Use Project

Upper Santa Ana River Habitat Conservation Plan (HCP)

- Comprehensive impact of projects on species
- Expedite project implementation
- Regional benefits
- Establishing governance structure for permits



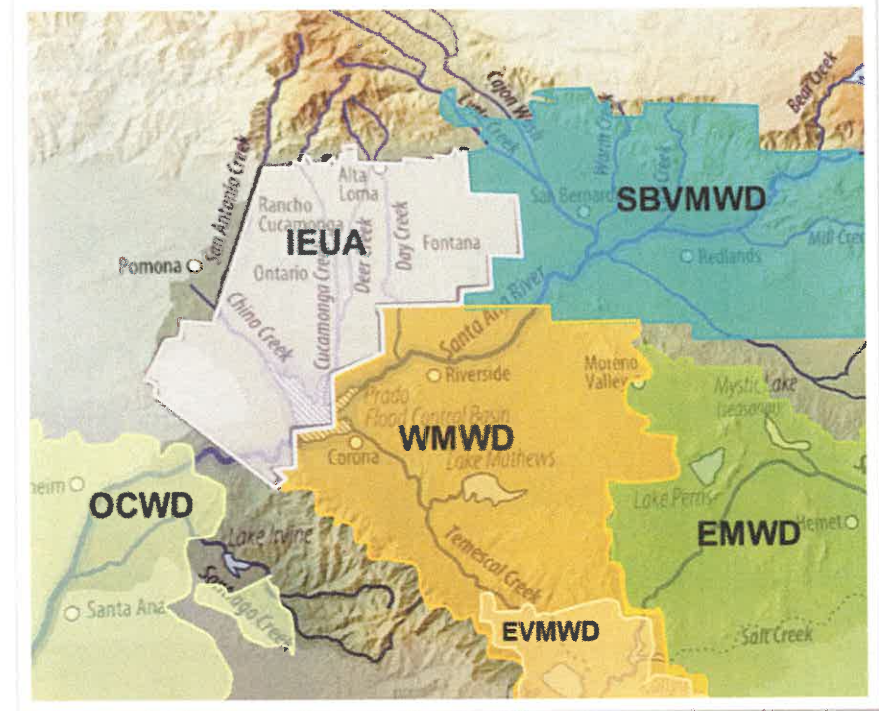
Upper Santa Ana River Habitat Conservation Plan (HCP) Cost Share Agreement

Project Partners*	Cost Share	% of HCP
City of San Bernardino Municipal Water Department	\$ 292,000	15%
East Valley Water District	\$ 162,000	8%
Inland Empire Utilities Agency	\$ 107,000	6%
Riverside Public Utilities	\$ 171,000	9%
San Bernardino County Flood Control District	\$ 132,000	7%
San Bernardino Valley Municipal Water District	\$ 568,000	30%
San Bernardino Valley Water Conservation District	\$ 120,000	6%
West Valley Water District	\$ 89,000	5%
Western Municipal Water District	\$ 270,000	14%
TOTAL	\$ 1,911,000	100%

* Rialto, Metropolitan Water District, and Orange County Water District joined late 2017; cost share to be updated.

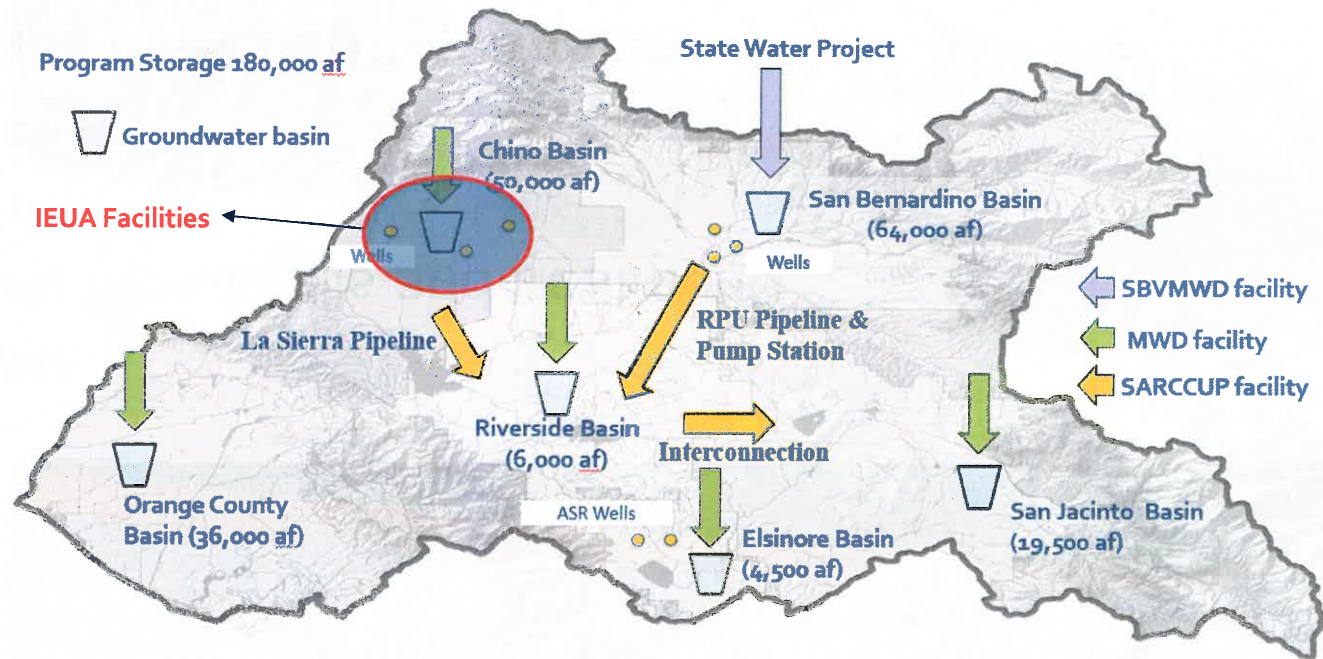
Santa Ana River Conservation & Conjunctive Use Program (SARCCUP)

- Santa Ana Watershed Project
- Increases supply reliability
- Total Project: ~~\$100 Million~~ \$85 Million
 - \$55M Grant, \$30M Local Cost Share
- 180,000 AF Groundwater Storage
- Habitat Improvement & Water Use Efficiency



SARCCUP: Current Recommended Project Scope

- 180,000 acre-feet total storage
 - Chino 50,000 AF (~~96,000 AF~~)
 - WMWD 10,500 AF
 - SBVMWD 64,000 AF
 - EMWD 19,500 AF
 - OCWD 36,000 AF
- New wells and treatment
- ~~Baseline Feeder Pipeline~~
- ~~Service turnouts~~
- ~~Rehab of wells~~



SARCCUP: Chino Basin Focus

What SARCCUP Provides

- \$16.5 Million for infrastructure (wells and treatment)
- Water Quality Improvement

What is needed to finalize SARCCUP commitment

- Need IEUA's member agencies participation for SARCCUP performance within Chino Basin
- Storage within Chino Basin for SARCCUP (50,000 AF)
- Purchase of 36,000 AF over the next 30 years

Discussion

- **Storage management in Chino Basin**
- **Purchase flows from upstream agencies**
 - Long term agreements within the watershed to meet habitat needs and manage water resources
 - Proposition 1 Storage Project (Advanced Water Treatment of Recycled Water)

**ACTION
ITEM**

2A

Date: February 7, 2018

To: The Honorable Board of Directors

From: Halla Razak, General Manager

HR

Committee:

Executive Contact: Chris Berch, Executive Manager of Engineering/AGM

Subject: Proposition 1 Grant Professional Services Contract Amendment

Executive Summary:

In August 2017, Inland Empire Utilities Agency (IEUA) submitted the Proposition 1 Water Storage and Investment Program (WSIP) grant application for the Chino Basin Environmental Water Program (CBEWP). To help develop and evaluate environmental and ecosystem benefits, GEI Consultants Inc. was retained by IEUA in June 2017. The initial contract was \$89,564. As the application was being developed, additional efforts were needed to fulfill the requirements of the grant application. Two separate amendments were issued and the contract amount was increased to \$145,664. In September, IEUA received confirmation that the submitted application met all eligibility and completeness requirements.

On January 9, 2018, IEUA was invited to attend a review meeting to discuss claimed public benefits with California Water Commission (CWC) staff. Feedback provided by the CWC will require additional work relating to the claimed environmental and ecosystem benefits. If approved, the total contract amount with GEI Consultants, Inc. would increase to \$227,664.

Staff's Recommendation:

1. Award an engineering services contract amendment to GEI Consultants, Inc., for a not-to-exceed amount of \$82,000; and
2. Authorize the General Manager to execute the contract subject to non-substantive changes.

Budget Impact *Budgeted (Y/N):* Y *Amendment (Y/N):* N *Amount for Requested Approval:*

Account/Project Name:

Budget for this contract is split (50/50) between EN16035 WC (Recycled Water Fund) Planning Documents and WR16025 WW (Water Resources Fund) Planning Documents.

Fiscal Impact (explain if not budgeted):

None

Prior Board Action:

None

Environmental Determination:

Statutory Exemption

CEQA exempts a variety of projects from compliance with the statute. This project qualifies for a Statutory Exemption as defined in Section 15262 of the State CEQA Guidelines. When the project is implemented, it will be subject to future environmental evaluation.

Business Goal:

The contract amendment supports IEUA's business goal of Water Reliability, of implementing an integrated water resources management plan providing a reliable and cost-effective water supply and promoting sustainable water use throughout the region.

Attachments:

Attachment 1 - Consultant Contract



CONTRACT AMENDMENT NUMBER: 4600002389-003
FOR PROFESSIONAL SERVICES
CHINO BASIN ENVIRONMENTAL WATER PROGRAM

THIS CONTRACT AMENDMENT THREE is made and entered into this ____ day of _____, 2018, by and between the Inland Empire Utilities Agency, a Municipal Water District, organized and existing in the County of San Bernardino under and by virtue of the laws of the State of California (hereinafter referred to interchangeably as "IEUA" and "Agency"), and GEI Consultants, Inc. of Woburn, MA (hereinafter referred to as "Consultant") for professional services related to Services for Proposition 1 Water Storage Investment Program (WSIP) Grant Application for Chino Basin Conjunctive Use & Environmental Water Storage/Exchange Program (e.g. Chino Basin Environmental Water Program), and shall revise the Contract as herein amended:

SECTION FOUR, SCOPE OF WORK AND SERVICES, ADDS THE FOLLOWING:
Consultant's additional services and responsibilities shall include and be in accordance with the following:

Subsection F. Reference **Exhibit E** which is attached hereto, referenced herein, and made a part hereof.

SECTION FIVE, TERM, IS REVISED TO READ: The term of this Contract shall extend from the date of the Notice to Proceed and terminate on **December 31, 2018**, unless agreed to by both parties, reduced to writing, and amended to this contract.

SECTION SIX, PAYMENT, INVOICING, AND COMPENSATION, IS REVISED TO ADD THE FOLLOWING:

Subsection G. As compensation for the additional Work performed under this Contract Amendment, Agency shall pay Consultant a **NOT-TO-EXCEED MAXIMUM OF \$227,664.00** for all services satisfactorily provided during the term of this Contract. This reflects an additional \$82,000.00 as approved by Project Manager's SAP Purchase Requisition 10043376.

All Other Provisions Of This Contract Remain Unchanged, In Full Force, And Effect.

[Signature Page Immediately Follows]

Witnesseth, that the parties hereto have mutually covenanted and agreed as per the above Amendment items, and in doing so have caused this document to become incorporated into the Contract documents.

INLAND EMPIRE UTILITIES AGENCY:
(A MUNICIPAL WATER DISTRICT)

GEI CONSULTANTS, INC:

Halla H. Razak (Date)
General Manager

Naser Bateni 1/18/2018

Naser Bateni (Date)
Senior Vice President

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Exhibit E

January 15, 2018



Ms. Sylvie Lee
Inland Empire Utilities Agency
6075 Kimball Avenue
Chino, California 91708

Consulting
Engineers and
Scientists

Re: GEI Contract #4600002389 – Professional Services Proposition 1 WSIP Grant

Dear Ms. Lee:

This letter is requesting amendment to GEI Contract #4600002389 (Contract) for Professional Services to aid in responding to California Water Commission (CWC) requests pertaining to the Inland Empire Utilities Agency (IEUA) Proposition 1 Water Storage and Investment Program (WSIP) Grant Application for the Chino Basin Environmental Water Program (CBEWP Grant).

This amendment is in response to IEUA's request to provide additional professional services based upon expected requests from the CWC to discuss IEUA's CBEWP Grant application during the CWC review period which is expected to continue through July 2018.

The requested amendment is as follows:

- Amend the contract price not-to-exceed from \$145,664 to \$227,664, an increase of \$82,000.
- Amend the scope of services to include the following work activities, which are to be performed on an as-needed basis upon direction from the IEUA Project Manager:
 - Continue to assist IEUA with requests from the CWC to discuss IEUA's CBEWP Grant application. The type of support expected includes:
 - Revise the CBEWP Grant application physical benefits, monetization of benefits, and cost allocation as needed to address CWC review findings and comments and respond to the available appeals processes.
 - Complete additional alternatives analysis that would provide similar benefits as proposed in the CBEWP Grant application.
 - Complete QA/QC of the CBEWP Grant application materials.
 - Prepare and submit to CWC additional CBEWP Grant application materials developed by the above activities.
 - Support IEUA with planned CWC Proposition 1 WSIP Grant Application meetings, including pre-planning, materials preparation, attendance, and meeting notes summaries. This includes but is not limited to assisting IEUA with participating in three 3-day public meetings to be conducted by the CWC for presenting (i) CWC adjusted public benefit ratios for public review, (ii) CWC scores of Proposition 1 WSIP Grant applications, and (iii) CWC recommendations of awards of Proposition 1 WSIP Grant applications.
 - Hold technical team meetings with IEUA staff to coordinate the above activities.
 - Assist IEUA with outreach to interested parties, project stakeholders, and project partners, including but not limited to:
 - Advancing partnership arrangements with key State Water Project Contractor agencies, Chino Basin Watermaster, and expected parties to the planned SAR recycled water supply acquisition.
 - Advancing institutional arrangements with other parties including CDFW, DWR, and SWPC.
 - Assist IEUA with further development and advancement of CBEWP Grant project components, as needed.

- Amend the term of the contract from June 30, 2018 to December 31, 2018.

If you have any questions or require additional information, please contact me at 916-912-4792.

Sincerely,

A handwritten signature in cursive script, appearing to read "R. Putty".

Roger Putty, PE, PMP
Project Manager

cc Leo Winternitz