



**AGENDA
COMMISSION MEETING OF THE
CHINO BASIN REGIONAL FINANCING AUTHORITY
AND
MEETING OF THE
BOARD OF DIRECTORS**

**WEDNESDAY, JANUARY 17, 2018
10:00 A.M.**

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

CALL TO ORDER OF THE CHINO BASIN REGIONAL FINANCING AUTHORITY

FLAG SALUTE

PUBLIC COMMENT

Members of the public may address the Commission 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.

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 can be the attention of the local agency subsequent to the agenda being posted.

1. ACTION ITEMS

A. MINUTES

The Commission will be asked to approve the minutes of the December 20, 2017 Chino Basin Regional Financing Authority Commission meeting.

B. ELECTION OF OFFICERS

It is recommended that the Commissioners elect a President, Vice President, and Secretary for the Chino Basin Regional Financing Authority

C. APPOINTMENT OF THE CHINO BASIN REGIONAL FINANCING AUTHORITY TREASURER

It is recommended that the Commissioners approve the appointment Executive Manager of Finance and Administration/AGM Christina Valencia to serve as Treasurer for 2018, and appoint Manager of Finance and Accounting Javier Chagoyen-Lazaro, as the alternate Treasurer.

2. ADJOURN

CALL TO ORDER OF THE INLAND EMPIRE UTILITIES AGENCY BOARD OF DIRECTORS 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. CONSENT ITEMS

NOTICE: All matters listed under the Consent Calendar are considered to be routine and non-controversial and will be acted upon by the Board by one motion in the form listed below. There will be no separate discussion on these items prior to the time the Board votes unless any Board members, staff or the public requests specific items be discussed and/or removed from the Consent Calendar for separate action.

A. MINUTES

The Board will be asked to approve the minutes from the December 6, 2017 and the December 20, 2017 Board meeting.

B. REPORT ON GENERAL DISBURSEMENTS

Staff recommends that the Board approve the total disbursements for the month of November 2017, in the amount of \$16,861,175.34.

C. FISCAL YEAR 2018/19 LEGISLATIVE POLICY PRINCIPLES
(Community & Leg)

Staff recommends that the Board approve the legislative policy principles for fiscal year 2018/19.

D. RECYCLED WATER SYSTEM CATHODIC PROTECTION CONSULTANT CONTRACT AWARD *(Eng/Ops/WR)*

Staff recommends that the Board:

1. Award an engineering consultant services contract for the RW System Cathodic Protection Improvements, Project No. EN17080, to Corpro Companies Inc., for a not-to-exceed amount of \$198,900; and
2. Authorize the General Manager to execute the contract subject to non-substantive changes.

E. RP-1 MIXED LIQUOR RETURN PUMPS CONSULTANT CONTRACT AMENDMENT *(Eng/Ops/WR)*

Staff recommends that the Board:

1. Approve a contract amendment for the RP-1 Mixed Liquor Return Pumps, Project No. EN16024, to RMC Water and Environment for a not-to-exceed amount of \$95,246; and
2. Authorize the General Manager to execute the contract amendment subject to non-substantive changes.

F. RP-1 RECYCLED WATER PUMP STATION CONSULTANT CONTRACT AMENDMENT *(Eng/Ops/WR)*

Staff recommends that the Board:

1. Approve a contract amendment for the RP-1 RW Pump Station Upgrades, Project No. EN14042, to Stantec for a not-to-exceed amount of \$88,900; and
2. Authorize the General Manager to execute the contract amendment subject to non-substantive changes.

G. AGENCY-WIDE ORGANIZATIONAL MEMBERSHIPS AND AFFILIATIONS *(Community & Leg)*

Staff recommends that the Board adopt Resolution No. 2018-1-2, authorizing the Agency-wide organizational memberships for Fiscal Year 2018/19.

H. SCADA PROGRAMMING MASTER SERVICES CONTRACT AWARD
(Eng/Ops/WR)

Staff recommends that the Board:

1. Award a three-year contract to Technical Systems, Inc., for PlantPAX programming and all associated support services required to maintain a standard controls platform for a not-to-exceed total amount of \$1,800,000; and
2. Authorize the General Manager to execute the contract subject to non-substantive changes.

2. ACTION ITEMS

- A. ADOPTION OF THE IEUA ADMINISTRATIVE HANDBOOK** *(Board Workshop)*
Staff recommends that the Board adopt the updated IEUA Administrative Handbook.

3. INFORMATION ITEMS

- A. ENGINEERING AND CONSTRUCTION MANAGEMENT PROJECT UPDATES (POWERPOINT)**
- B. MWD UPDATE (ORAL)**

RECEIVE AND FILE INFORMATION ITEMS

- C. TREASURER'S REPORT OF FINANCIAL AFFAIRS (WRITTEN/POWERPOINT)**
- D. PUBLIC OUTREACH AND COMMUNICATION (WRITTEN)**
- E. LEGISLATIVE REPORT FROM INNOVATIVE FEDERAL STRATEGIES (WRITTEN)**
- F. LEGISLATIVE REPORT FROM WEST COAST ADVISORS (WRITTEN)**
- G. CALIFORNIA STRATEGIES, LLC MONTHLY ACTIVITY REPORT (WRITTEN)**
- H. FEDERAL LEGISLATIVE TRACKING MATRIX (WRITTEN)**
- I. 2nd QUARTER PLANNING & ENVIRONMENTAL RESOURCES UPDATE (POWERPOINT)**
- J. COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEM (CMMS) (POWERPOINT)**

4. **AGENCY REPRESENTATIVES' REPORTS**

A. **SAWPA REPORT (WRITTEN)**

Meeting Agenda not available at time of printing.

B. **MWD REPORT (WRITTEN)**

C. **REGIONAL SEWERAGE PROGRAM POLICY COMMITTEE REPORT**

The January 4, 2018 Policy Committee meeting was cancelled. The next meeting is scheduled for February 4, 2018.

D. **CHINO BASIN WATERMASTER REPORT (WRITTEN)**

The December 28, 2017 Chino Basin Watermaster meeting was cancelled. The next meeting is scheduled for January 25, 2018.

5. **GENERAL MANAGER'S REPORT (WRITTEN)**

6. **BOARD OF DIRECTORS' REQUESTED FUTURE AGENDA ITEMS**

7. **DIRECTORS' COMMENTS**

A. **CONFERENCE REPORTS**

This is the time and place for the Members of the Board to report on prescheduled Committee/District Representative Assignment meetings, which were held since the last regular Board meeting, and/or any other items of interest.

8. **CLOSED SESSION**

A. **PURSUANT TO GOVERNMENT CODE SECTION 54956.9(a) –
CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION**

1. Chino Basin Municipal Water District vs. City of Chino, Case No. RCV51010

2. Spicer vs. W.A. Rasic Construction, Case No. CIVDS 1711812

B. **PURSUANT TO GOVERNMENT CODE SECTION 54956.9(d)(4)
CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION;
INITIATION OF LITIGATION**

One Case

C. **PURSUANT TO GOVERNMENT CODE SECTION 54957.6 –
CONFERENCE WITH LABOR NEGOTIATIONS**

Meet and Confer Negotiations – All Bargaining Units
Negotiating Parties: General Manager Halla Razak

D. PURSUANT TO GOVERNMENT CODE SECTION 54954.5 – PUBLIC EMPLOYMENT

1. Manager of Internal Audit
2. Board Secretary/Office Manager

9. ADJOURN

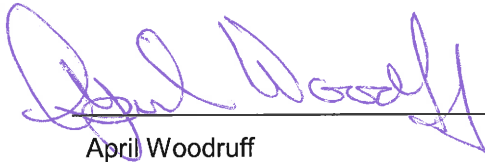
**A Municipal Water District*

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: jk

Declaration of Posting

I, April Woodruff, Board Secretary/Office Manager 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, January 11, 2018.



April Woodruff

**ACTION ITEM
1A**

**MINUTES
OF THE
COMMISSION MEETING OF
THE CHINO BASIN REGIONAL FINANCING AUTHORITY
DECEMBER 20, 2017**

COMMISSIONERS PRESENT:

Steven J. Elie, Vice President
Kati Parker, Secretary
Michael Camacho
Paul Hofer

COMMISSIONERS ABSENT:

Jasmin A. Hall, President

STAFF PRESENT:

Halla Razak, General Manager
P. Joseph Grindstaff, General Manager Emeritus
Chris Berch, Executive Manager of Engineering/AGM
Kathy Besser, Executive Manager of External Affairs & Policy Development/AGM
Randy Lee, Executive Manager of Operations/AGM
Christina Valencia, Executive Manager of Finance & Administration/AGM
Eva Brown, Records Specialist
Jerry Burke, Deputy Manager of Engineering
Jason Gu, Grants Officer
Liz Hurst, Water Resources Planner
Abel Hernandez, Electrical & Instrument Technician I
Sylvie Lee, Manager of Planning & Environmental Resources
Laura Mantilla, Executive Assistant
Liza Munoz, Senior Engineer
Shaun Stone, Manager of Engineering
Ken Tam, Senior Associate Engineer
Teresa Velarde, Manager of Internal Audit
April Woodruff, Board Secretary/Office Manager

OTHERS PRESENT:

Jean Cihigoyenette, JC Law Firm
Mark Kinsey, Monte Vista Water District

A commission meeting of the Chino Basin Regional Financing Authority was held at the office of the Inland Empire Utilities Agency, *A Municipal Water District, 6075 Kimball Avenue Chino, California on the above date.

Vice President Elie called the meeting to order at 9:50 a.m., and dispensed the pledge of allegiance. A quorum was present.

Vice President Elie stated that members of the public may address the Commission. There were no persons desiring to do so.

Vice President Elie asked if there were any additions/deletions to the agenda. There were no additions/deletions to the agenda.

1. ACTION ITEM

A. MINUTES

Upon voice vote with Director Hofer abstaining from voting, the motion carried (3-0):

M2017-12-1

MOVED, to approve the minutes of the September 21, 2016 and January 18, 2017.

B. CHINO BASIN REGIONAL FINANCING AUTHORITY FISCAL YEAR 2016/17 ANNUAL FINANCIAL STATEMENTS

Executive Manager of Finance & Administration/AGM Christina Valencia stated that the annual financial statement of the Chino Basin Regional Financing Authority (CBRFA) for the Fiscal Year ended June 30, 2017 was prepared in line with the principles generally accepted in the United States of America, as set forth by the Governmental Accounting Standards Board. The annual financial statement was completed by the Agency's independent audit firm, Lance, Soll & Lunghard, LLP. These statements will allow CBRFA to comply with the State Controllers mandate to provide audited financial information when filing the annual State Controller's Report. It will also allow CBRFA to apply for financing the future regional projects, such as the Regional Recycled Plant No. 5 liquid and solids expansion project and the Regional Recycling Water Plant No. 1 capacity recovery project.

Upon motion by Commissioner Camacho, seconded by Commissioner Parker, and unanimously carried:

M2017-12-2

MOVED, to:

1. Approve the financial statements for the FY ended June 30, 2017; and
2. Direct staff to distribute the reports, as appropriate, to the various federal, state and local agencies, financial institutions, and other interested parties.

With no further business, Vice President Elie adjourned the meeting at 10:15 a.m.

Commissioner Kati Parker, CBRFA Secretary

APPROVED: JANUARY 17, 2018

**ACTION ITEM
1B**

CHINO BASIN REGIONAL FINANCING AUTHORITY

Date: January 17, 2018

To: The Honorable Commissioners

From: Halla Razak, General Manager

HR

Executive Contact: Halla Razak, General Manager

Subject: Election of Officers

Executive Summary:

In accordance with the JPA (Section 4.02), at its first meeting in each calendar year, the Commission shall elect or re-elect a President, Vice President, and Secretary. The current officers are as follows: President - Jasmin A. Hall, Vice President - Steven J. Elie, and Secretary - Kati Parker. The next election will be conducted in January 2019.

Staff's Recommendation:

Elect a President, Vice President, and Secretary for the Chino Basin Regional Financing Authority.

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

Account/Project Name:

Fiscal Impact (explain if not budgeted):

Full account coding (internal AP purposes only):

- - -
- - -

Project No.:

Prior Board Action:

On January 18, 2017, the Commissioners elected Jasmin A. Hall as President, Steven J. Elie as Vice President, and Kati Parker as Secretary.

Environmental Determination:

Not Applicable

Business Goal:

Attachments:

**ACTION ITEM
1C**

CHINO BASIN REGIONAL FINANCING AUTHORITY

Date: January 17, 2018

To: The Honorable Commissioners

From: Halla Razak, General Manager

HR

Executive Contact: Halla Razak, General Manager

Subject: Appointment of the Chino Basin Regional Financing Authority Treasurer

Executive Summary:

In accordance with the JPA (Section 4.8), it is recommended that the Commissioners delegate the powers and duties of the Treasurer's office to the Chief Financial Officer of the Inland Empire Utilities Agency. In prior years, the Commissioners have appointed Chief Financial Officer/AGM Christina Valencia to serve as Treasurer.

In accordance with the JPA (Section 4.10), it is recommended that the Commissioners appoint an alternate Treasurer. In prior years, the Commissioners have appointed the Manager of Finance and Accounting Javier Chagoyen-Lazaro to serve as alternate Treasurer.

The Commission shall have the power to appoint and employ such other officers, employees, consultants, and independent contracts as it may deem necessary for the purposes of this Agreement, any of whom may be employees of a Member, and who shall have such powers, duties, and responsibilities as are determined by the Commission.

Staff's Recommendation:

Approve the appointment of Executive Manager of Finance and Administration/AGM Christina Valencia to serve as Treasurer for 2018, and appoint Manager of Finance and Accounting Javier Chagoyen-Lazaro, as the alternate Treasurer.

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

Account/Project Name:

Fiscal Impact (explain if not budgeted):

Full account coding (internal AP purposes only):

- - -
- - -

Project No.:

Prior Board Action:

On July 20, 2016, the Commissioners appointed Ms. Christina Valencia, Chief Financial Officer, as Treasurer, and Mr. Javier Chagoyen-Lazaro as her alternate, for the Chino Basin Regional Financing Authority.

Environmental Determination:

Not Applicable

Business Goal:

Attachments:

**CONSENT
CALENDAR
ITEM**

1A



**MINUTES OF THE REGULAR
MEETING OF
THE
INLAND EMPIRE UTILITIES AGENCY
BOARD OF DIRECTORS**

**WEDNESDAY, DECEMBER 6, 2017
10:00 A.M.**

DIRECTORS PRESENT:

Steven J. Elie, President
Michael Camacho, Vice President
Jasmin A. Hall, Secretary/Treasurer
Paul Hofer
Kati Parker

STAFF PRESENT:

Halla Razak, General Manager
P. Joseph Grindstaff, General Manager Emeritus
Christopher Berch, Executive Manager of Engineering/AGM
Kathy Besser, Executive Manager of External Affairs & Policy Development/AGM
Randy Lee, Executive Manager of Operations/AGM
Christina Valencia, Executive Manager of Finance & Administration/AGM
Connie Campbell, Accounting Supervisor
Javier Chagoyen-Lazaro, Manager of Finance & Accounting
Tina Cheng, Budget Officer
Connie Gibson, Executive Assistant
Warren Green, Manager of Contracts & Procurement
Jason Gu, Grants Officer
Sylvie Lee, Manager of Planning & Environmental Resources
Rick Mykitta, Manager of Operations and Maintenance
Kanes Pantayatiwong, Manager of Business Information Services
Jessica Sarmiento, Financial Analyst II
Shaun Stone, Manager of Engineering
Teresa Velarde, Manager of Internal Audit
April Woodruff, Board Secretary/Office Manager

OTHERS PRESENT:

Jean Cihigoyenette, JC Law Firm
Sarah Meacham, PFM Asset Management LLC
Richard Babbe, PFM Asset Management LLC
Greg Tross, JC Law Firm

A regular meeting of the Board of Directors of the Inland Empire Utilities Agency* was held at the office of the Agency, 6075 Kimball Avenue, Bldg. A, Chino, California on the above date.

President Elie called the meeting to order at 10:03 a.m. and General Manager Halla Razak led the pledge of allegiance to the flag. A quorum was present.

President Elie welcomed Ms. Halla Razak as the new General Manager of the Inland Empire Utilities Agency (Agency) to her first Agency Board meeting.

President Elie stated that members of the public may address the Board. There was no one desiring to do so.

President Elie asked if there were any changes/additions/deletions to the agenda. There were no changes/additions/deletions to the agenda.

WORKSHOP

INVESTMENT ADVISORY AND MANAGEMENT SERVICES WORKSHOP

Executive Manager of Finance and Administration/AGM Christina Valencia stated that historically the Agency investment portfolio has been handled in-house. On average, over the last four years, the Agency's investment portfolio has been just under \$100 million. As part of the investment policy, staff has annually authorized brokers and dealers to solicit bids and to purchase the investments. Because the Agency lacks the expertise and tools in-house to actively monitor market conditions, a passive investment strategy of purchasing and holding investments until maturity has been the common practice. In doing so, investment opportunities may be being missed. In April, Director Hofer had asked about the Agency's investment practices and if staff had considered handling the investment of Agency funds differently. Staff conducted a preliminary evaluation of the benefits, costs, and risks of engaging an investment advisor for the Agency. Staff found that to obtain the level of expertise of an investment advisor, it would require the hiring of an investment officer as Agency staff and provide them essential tools to successfully mimic what an investment advisor would do. A low annual cost estimate for this option would be about \$240,000, which would include salary and subscription to those tools. Another option would be to engage an investment advisor to manage the Agency portfolio at a set fee based on what they manage. Staff found this second option to be the most optimal. In September, staff issued a Request for Proposal (RFP) and received three proposals. After careful evaluation, staff found PFM Asset Management LLC (PFM) to be the most qualified firm. In November, the recommendation to award PFM an investment advisory and management services contract was made to the Finance and Administration Committee. Based on the questions and discussion with the Finance and Administration Committee members. Director Hall recommended this item be presented to all of the Board of Directors.

Manager of Finance & Accounting Javier Chagoyen-Lazaro presented a high-level view of the composition and analysis of the investment portfolio, the Agency's investment policy, the Agency's current process, comparison of investment yield with agencies in the area, the importance of having an independent investment advisor, and decision process of the selection of PFM.

PFM Engagement Manager Sarah Meacham and Senior Managing Consultant Richard Babbe provided an overview of the firm, the services they provide, and their strategy for the Agency portfolio. Discussion ensued about Agency staff time required in this relationship, PFM fees, specifics of PFM services, the investment processes, audit process with investments, transparency of investments to the public, and Agency's process of broker selections. This item will be brought back for approval to the Finance and Administration Committee on December 13 and to the Board on December 20th.

(Director Camacho left the meeting room at 10:48 a.m.)

(Director Camacho re-entered the meeting room at 10:50 a.m.)

SAP WORKSHOP

Manager of Business Information Systems Kanen Pantayatiwong stated that he will be presenting part one of the two part series on Systems Application for Production (SAP), which was requested by Director Parker. He stated that part two of the SAP workshop that will focus on the

computerized maintenance management system (CMMS) will be presented by the Operations Division in January. He gave an overview of the history of the selection of the SAP system, implementation stages, function of SAP, support team, challenges the Agency faces, future steps, and long term plans.

Discussion ensued regarding staff working on the SAP system, fiscal plans of the coming year for SAP, training process, contract with the consultants, and plan and timeline of improvements.

(Director Hall left the meeting room at 11:05 a.m.)

(Director Hall re-entered the meeting room at 11:08 a.m.)

(Director Camacho left the meeting at 11:39 a.m.)

PROPOSED IEUA ADMINISTRATIVE HANDBOOK

General Counsel Jean Cihigoyenette stated that there has been many drafts that have been reviewed, edited, and discussed between staff and his office in this twelve month process. He stated that today he will be covering the first draft of the IEUA Administrative Handbook presented to the Board of Directors. The bylaws written in 1997 were reviewed and updated with current information and the issue of organizational meetings was neutralized. This handbook includes sections that provide a guideline for the Board of Directors on how to interact with the public, staff, and each other. It also incorporates the provisions of the conflict of interest laws and a complete investigation process for complaints. He stated that this handbook presented to the Board today is for consideration and discussion, is only part of the overall package. With the assistance of Greg Tross, there has been a review and update of all Agency administrative policies as well.

General Counsel Jean Cihigoyenette provided clarification in response to the Directors' questions about different sections of the handbook.

DRAFT RESOLUTION ESTABLISHING A POLICY FOR ROTATION OF BOARD OFFICERS

General Counsel Jean Cihigoyenette presented the draft resolution of the rotation of Board Officers being brought to the Board for comments and discussion. He stated that this agenda item was requested by Director Hofer and aligns with a similar resolution from Western Municipal Water District, which was presented at that time. This draft resolution offers the process whereby officers of the Board of Directors will be appointed going forward if this resolution is approved. Currently, the Agency operates under the Water District Act, which provides that in each odd number year, the Board of Directors will hold an election for officers – President, Vice President, Secretary/Treasurer. This resolution, if passed, will change this process to be more automatic by assigning a rotation annually. Mr. Cihigoyenette stated that there is a provision within this draft resolution stating that if at any given time a majority of the Board then seated elects do not to follow this process, then this process can be changed.

President Elie stated the qualifications to become a Director is to be a voter in a designated division, the same qualifications may not apply to being President of the Board as it comes with much more responsibility and leadership. President Elie stated that a blind rotation is not in the best interest of any Agency and may be a disservice to the Agency's constituents. President Elie emphasized his strong opposition to the rotation of Board Officers for the Agency.

Director Hofer stated that the Agency has grown tremendously from being a small Agency with one purpose. He stated that everyone on the Board of Directors has been elected by the people to represent them. Each district is an equal representative for this Agency. He stated that after carefully reviewing this resolution and evaluating what will be in the best interest of the Agency, he supports the rotation of officers.

Director Hall stated her support for the rotation of Board Officers. She stated that she believes that each Director has the ability to come into the chairmanship as Board President and do a great job for the Agency. If a Director would not like to fulfill the role as President, then they will have the ability to make the decision to pass.

Mr. Cihigoyenette stated that he will circulate the resolution from Western Municipal Water District, history of Board Officers at the Agency, and survey of neighboring agencies to the Board of Directors.

CLOSED SESSION

The Board went into Closed Session at 11:57 a.m.; A. PURSUANT TO GOVERNMENT CODE SECTION 54954.5 – PUBLIC EMPLOYMENT: General Manager

The meeting resumed at 12:13 p.m., and General Counsel Jean Cihigoyenette stated that the below-mentioned matters were discussed in Closed Session, and the Board took the following actions:

Regarding Conference with Legal Counsel – Existing Litigation:

Mwembu vs. IEUA, Case No. CIVDS 1415762

The Board unanimously (4-0) approved a settlement agreement with Mr. Mwembu.

With no further business, President Elie adjourned the meeting at 12:14 p.m. in honor of the first responders fighting a number of fires in Southern California for their safe return to their families.

Jasmin A. Hall, Secretary/Treasurer

APPROVED: JANUARY 17, 2018



**MINUTES OF THE REGULAR
MEETING OF
THE
INLAND EMPIRE UTILITIES AGENCY
BOARD OF DIRECTORS**

**WEDNESDAY, DECEMBER 20, 2017
10:00 A.M.**

DIRECTORS PRESENT:

Steven J. Elie, President
Michael Camacho, Vice President
Paul Hofer
Kati Parker

DIRECTORS ABSENT:

Jasmin A. Hall, Secretary/Treasurer

STAFF PRESENT:

Halla Razak, General Manager
P. Joseph Grindstaff, General Manager Emeritus
Chris Berch, Executive Manager of Engineering/AGM
Kathy Besser, Executive Manager of External Affairs and Policy Development/AGM
Randy Lee, Executive Manager of Operations/AGM
Christina Valencia, Executive Manager of Finance and Administration/AGM
Blanca Arambula, Deputy Manager of Human Resources
Sharmeen Bhojani, Manager of Human Resources
Eva Brown, Records Specialist
Jerry Burke, Deputy Manager of Engineering
Tina Cheng, Budget Officer
Martha Davis, Executive Manager of External Affairs & Policy Development/AGM
Emeritus
Nel Groenveld, Manager of Laboratories
Abel Hernandez, Electrical & Instrument Technician I
Liz Hurst, Water Resources Planner
Sally Lee, Executive Assistant
Sylvie Lee, Manager of Planning and Environmental Resources
Laura Mantilla, Executive Assistant
Jason Marseilles, Senior Engineer
Liza Munoz, Senior Engineer
Jason Pivovaroff, Senior Engineer
Matt Poeske, Construction Project Manager
Craig Proctor, Source Control/Environmental Resources Supervisor
Shaun Stone, Manager of Engineering
Krystle Suetani, Laboratory Scientist
Ken Tam, Senior Associate Engineer
Teresa Velarde, Manager of Internal Audit
April Woodruff, Board Secretary/Office Manager
Jeff Ziegenbein, Manager of Regional Compost Operations

OTHERS PRESENT:

Jean Cihigoyenette, General Counsel
Mark Kinsey, Monte Vista Water District

A regular meeting of the Board of Directors of the Inland Empire Utilities Agency* was held at the office of the Agency, 6075 Kimball Avenue, Bldg. A, Chino, California on the above date.

President Elie called the meeting to order at 10:00 a.m. and General Manager Emeritus P. Joseph Grindstaff led the Pledge of Allegiance to the flag. A quorum was present.

President Elie stated that members of the public may address the Board. There was no one desiring to do so.

President Elie asked if there were any changes/additions/deletions to the agenda. There were no changes/additions/deletions to the agenda.

NEW EMPLOYEE INTRODUCTION

The following new employees were introduced:

- Eva Brown, Records Specialist, hired 12/04/17, Records Management (Kathy Besser)
- Krystle Suetani, Laboratory Scientist I, hired 12/04/17, Laboratory Department (Chris Berch)
- Abel Hernandez, Electrical & Instrument Technician I, hired 12/18/17, Organics Management (Randy Lee)

The Board of Directors welcomed Eva Brown, Krystle Suetani and Abel Hernandez to the IEUA team.

CONSENT ITEMS

President Elie asked if there were any Board members wishing to pull an item from the Consent Calendar for discussion. There was no one desiring to do so.

Upon motion by Director Camacho, seconded by Director Parker, and unanimously carried:

M2017-12-2

MOVED, to approve the Consent Calendar.

- A. Approved the minutes from the November 15, 2017 Board meeting.
- B. Adopted Resolution No. 2017-12-1, commending General Manager P. Joseph Grindstaff for his 5 years of service with the Inland Empire Utilities Agency.

RESOLUTION 2017-12-1
RESOLUTION OF THE BOARD OF DIRECTORS OF INLAND EMPIRE UTILITIES AGENCY* (AGENCY), SAN BERNARDINO COUNTY, CALIFORNIA, COMMENDING GENERAL MANAGER P. JOSEPH GRINDSTAFF FOR 5 YEARS OF PUBLIC SERVICE WITH THE INLAND EMPIRE UTILITIES AGENCY (for full text, see Resolution Book)

Continued...

M2017-12-2 continued.

- C. Approved the total disbursements for the month of October 2017, in the amount of \$15,532,023.67.
- D. The Board:
 - 1. Awarded Contract No. 4600002440 to PFM Asset Management LLC for an initial three-year period with two, one-year options to extend for the investment advisory and management services;
 - 2. Pursuant the Agency's Risk Management Ordinance, Section 8, approved PFM's Self-Insured Retention (SIR) for Professional Liability Insurance in the amount of \$1,000,000; and
 - 3. Authorized the General Manager to execute the consultant contract subject to non-substantive changes.
- E. The Board adopted the updated Policy for Disclosure Procedures effective December 21, 2016.
- F. The Board adopted Resolution No. 2017-12-4, amending the salary schedule/matrix for Unrepresented, Executive, General Unit, Laboratory Unit, Operators' Association, and Professional Unit employees.

RESOLUTION OF THE BOARD OF DIRECTORS OF THE INLAND EMPIRE UTILITIES AGENCY*, SAN BERNARDINO COUNTY, CALIFORNIA, AMENDING THE SALARY SCHEDULE/MATRIX FOR UNREPRESENTED, EXECUTIVE, GENERAL UNIT, LABORATORY UNIT, OPERATORS' ASSOCIATION, AND PROFESSIONAL UNIT AND GENERAL UNIT EMPLOYEES *(for full text, see Resolution Book)*

- G. The Board:
 - 1. Approved the Single Audit Report for FY 2016/17; and
 - 2. Directed staff to distribute the report, as appropriate, to the State Controller's Office, the Federal Audit Clearing House, and other interested parties.
- H. The Board reconfirmed the Audit Committee Charter and the Internal Audit Department Charter and directed staff to implement the charters.
- I. The Board adopted Resolution No. 2017-12-2, requesting LAFCO to initiate a sphere adjustment and reorganization of the area to detach the 4.81 acres from IEUA and annex into SBVMWD.

Continued...

M2017-12-2 continued.

RESOLUTION 2017-12-2
RESOLUTION OF THE BOARD OF DIRECTORS OF INLAND EMPIRE UTILITIES AGENCY* (AGENCY), SAN BERNARDINO COUNTY, CALIFORNIA, REQUESTING THE LOCAL AGENCY FORMATION COMMISSION TO INITIATE PROCEEDINGS FOR SPHERE AMENDMENT (EXPANSION/REDUCTION) AND REORGANIZATION (ANNEXATION/DETACHMENT) OF TERRITORY BETWEEN THE INLAND EMPIRE UTILITIES AGENCY, A MUNICIPAL WATER DISTRICT, SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT, AND THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA (for full text, see Resolution Book)

J. The Board:

1. Approved the Regional Pretreatment Agreement (Agreement) between IEUA and the City of Fontana; and
2. Authorized the General Manager to execute the Agreement, subject to non-substantial changes.

K. The Board:

1. Awarded a construction contract change order to J.F. Shea for the RP-1 Aeration Basin Panel Repairs, Project Nos. EN17040/PA17006.01, for the not-to-exceed amount of \$115,218; and
2. Authorized the General Manager to execute the construction contract change order.

L. The Board:

1. Approved a two-year On-Call Design and Construction Surveying Master Services Contract to WestLAND Group, Inc., for a not-to-exceed amount of \$750,000;
2. Approved a two-year On-Call Design and Construction Surveying Master Services Contract to CASC Engineering and Consulting, Inc., for a not-to-exceed amount of \$750,000; and
3. Authorized the General Manager to execute the Master Services Contracts subject to non-substantive changes.

M. The Board:

1. Awarded a construction contract for the Headquarters Buildings Roofing Replacement, Project No. CP16003, to Best Contracting Services Inc., in the amount of \$1,024,070;

Continued...

M2017-12-2 continued.

2. Approved a project budget reclassification in the amount of \$1,311,000 in the Administration Services (GG) Fund from O&M to Capital Project;
3. Authorized the General Manager to execute the contract and budget reclassification.

N. The Board:

1. Awarded a construction contract for the RP-5 Aeration Diffuser Replacement, Project No. PA17006.02, to Genesis Construction in the amount of \$2,987,654; and
2. Authorized the General Manager to execute the contract.

O. The Board:

1. Approved the Inland Empire Utilities Agency Comprehensive Annual Financial Report for fiscal year ended June 30, 2017; and
2. Directed staff to distribute the report as appropriate, to the various federal, state and local agencies, financial institutions, bond rating agencies, and other interest parties.

PRESENTATION

Monte Vista Water District's General Manager Mark Kinsey presented General Manager Emeritus P. Joseph Grindstaff with a commendation resolution on behalf of the Monte Vista Water District with words of appreciation.

Executive Manager of External Affairs & Policy Development/AGM Emeritus Martha Davis gave a short word of recognition and highlighted some of Mr. Grindstaff's achievements in honor of Mr. Grindstaff's retirement.

President Elie presented former General Manager P. Joseph Grindstaff with a commendation Resolution for his 5 years of service at the Inland Empire Utilities Agency, as well as, Mr. Grindstaff's 35 years of experience in management and planning in the field of water, wastewater and resource management. President Elie extended Mr. Grindstaff best wishes on his retirement.

Mr. Grindstaff stated that it has been an honor serving the Agency, and the work of the IEUA Board of Directors and employees play an important role for the region. He stated that the work may not always be fun and recognized but it is important.

ACTION ITEM

RP-1 CAPACITY RECOVERY PROJECT CONSULTANT CONTRACT AWARD

Manager of Engineering Shaun Stone gave a presentation providing the Board an overview of the RP-1 Capacity Recovery project's location, background, scope, consultant selection, and the project's budget and schedule. He stated that this project was identified in the 2015 Wastewater Facilities Master Plan. In the various subsequent documents, including the RP-1 & RP-5 PDR, it

was determined that RP-1 needed to be brought back to its full needed treatment capacity in both the liquids and solids capacities.

He stated that the three major tasks are the site master plan, liquids capacity recovery, and the solids capacity recovery. A Request for Proposal (RFP) was issued on August 15, 2017, and four proposals were received on October 12, 2017. Proposals were evaluated and selected by a committee which included staff from the Engineering and Construction Management Department, Operations and Maintenance Department, Contracts and Procurement Department, Cucamonga Valley Water District, the City of Montclair, and the City of Ontario. Two consultants were invited for an interview and Carollo was unanimously selected for the following reasons: clear vision for RP-1 site master plan, comprehensive scope of work, project plan, and detailed deliverable schedule, project approach, and project team experience with MBR and construction management at risk. He stated that the current plan is to end the project at 30 percent design and wait for funding opportunities. The Agency has been advised that there may be infrastructure funding available. The scope of work was put together for the final design in its entirety with the intention to only award through the to 30 percent today. This item has gone through and unanimously supported by both the Regional Sewerage Program Technical and Policy Committees.

Upon motion by Director Camacho, seconded by Director Parker, and unanimously carried:

M2017-12-3

MOVED, to:

1. Award a consultant contract for the RP-1 Capacity Recovery, Project Nos. EN24001 and EN24002, to Carollo Engineers Inc., for the not-to-exceed amount of \$13,637,633; and
2. Authorize the General Manager to execute the consultant contract subject to non-substantive changes.

BASELINE RECYCLED WATER PIPELINE EXTENSION CONSULTANT CONTRACT AWARD

Manager of Engineering Shaun Stone gave a presentation providing the Board an overview of the Baseline Recycled Water Pipeline Extension project's location, background, scope, consultant selection, and the project's budget and schedule. He stated this baseline recycled water pipeline extension is located north of the Village of Heritage within the City of Fontana. The Village of Heritage is located in Fontana but served by the Cucamonga Valley Water District, making it a unique location within the service area. This project was originally conceived in 2010. The Agency spent time with the Cucamonga Valley Water District and the City of Fontana to ensure the project will have long-term benefits. The project expanded from 6800 linear feet to 8200 linear feet of recycled water line in the Village of Heritage. The goal is to provide 105 acre-feet of new recycled water use in the City of Fontana. A State Revolving Fund application has been submitted to finance project costs. He stated that seven proposals were received in early November. The evaluation and selection committee included the Engineering and Construction Management staff and the staff from Cucamonga Valley Water District. The City of Fontana stated that they were confident that IEUA and CVWD will pick a quality consultant to deliver the project. Proposals were evaluated with the criteria of qualification and experience, project scope understanding, ability to meet project schedule, and SWRCB Disadvantage Business Enterprise Good Faith Effort completion. Carollo was unanimously selected by the committee. Mr. Stone gave a brief overview of the project budget and schedule.

Upon motion by Director Camacho, seconded by Director Parker, and unanimously carried:

M2017-12-4

MOVED, to:

1. Award a consultant contract for the Baseline Recycled Water Pipeline Extension, Project No. EN17049, to Carollo Engineers, Inc., for the not-to-exceed amount of \$394,766; and
2. Authorize the General Manager to execute the consultant contract subject to non-substantive changes.

ADOPTION OF RESOLUTION NO. 2017-12-3, ESTABLISHING A POLICY FOR ROTATION OF BOARD OFFICERS

President Elie stated that per Director Hofer's request, this item will be moved for determination to a later date. President Elie stated that there was a clarification from counsel that there was an error in the agenda and packet, he stated staff is not recommending anything and takes a neutral position on the item.

INFORMATION ITEMS

ENGINEERING AND CONSTRUCTION MANAGEMENT PROJECT UPDATE

Deputy Manager of Engineering Jerry Burke gave a PowerPoint presentation on the Engineering and Construction Management project updates. He provided updates on the following projects: EN13048 – RP-1 Power System Upgrades; EN14018 – RP-4 Disinfection Facility Improvements; EN15008 – Water Quality Laboratory; EN17039 – 8th St. Basin RW Turnout Discharge Retrofit; and WR15021 – Napa Lateral.

MWD UPDATE

Senior Engineer Jason Pivovarovoff highlighted the state water allocation. A few weeks ago, Department of Water Resources (DWR) announced the initial allocation at 15 percent. In comparison to the past 10 years, it is on the lower end of the spectrum. This allocation is very dependent on hydrogeologic conditions and operations. The two main reasons for this low allocation is Lake Oroville's main spillway and emergency spillway situation and the ongoing biological opinions throughout the Delta. This is the initial allocation and it can change. Last year, the initial allocation was set at 20 percent and ended at 85 percent.

Discussion ensued regarding water loss from the situation at Lake Oroville.

THE FOLLOWING INFORMATION ITEMS WERE RECEIVED AND FILED BY THE BOARD:

TREASURER'S REPORT OF FINANCIAL AFFAIRS

FISCAL YEAR 2017/18 FIRST QUARTER BUDGET VARIANCE, PERFORMANCE GOAL UPDATES, AND BUDGET TRANSFERS

PUBLIC OUTREACH AND COMMUNICATION

LEGISLATIVE REPORT FROM INNOVATIVE FEDERAL STRATEGIES

LEGISLATIVE REPORT FROM WEST COAST ADVISORS

CALIFORNIA STRATEGIES, LLC MONTHLY ACTIVITY REPORT

FEDERAL LEGISLATIVE TRACKING MATRIX

PAYROLL OPERATIONS AUDIT & COMPARABLE AGENCIES' SURVEY

SOUTHERN CALIFORNIA EDISON UTILITY PAYMENTS FOLLOW-UP AUDIT

AUDIT COMMITTEE FINANCIAL ADVISOR CONTRACT EXTENSION

INTERNAL AUDIT DEPARTMENT STANDARD OPERATING PROCEDURES (SOP)

INTERNAL AUDIT DEPARTMENT QUARTERLY STATUS REPORT

SEPTIC TO SEWER FEASIBILITY STUDY UPDATE

UPPER SANTA ANA RIVER HABITAT CONSERVATION PLAN AND INTEGRATED RIVER MODEL UPDATE

SARCCUP UPDATE

AGENCY REPRESENTATIVES' REPORTS

SAWPA REPORT

Director Parker stated that she attended the SAWPA Commission meeting on December 19, in place of Director Hall. One good thing that took place was that the Commissioners directed staff to file a Notice of Completion for the Inland Empire Brine Line Reach V Rehabilitation and Improvement Project. It was completed and constructed as designed. Mr. P. Joseph Grindstaff also presented at this meeting regarding the Chino Basin Water Storage Program, which was also presented to the California Water Commission on December 13, 2017.

MWD REPORT

Director Camacho had nothing additional to report.

REGIONAL SEWERAGE PROGRAM POLICY COMMITTEE REPORT

Director Parker reported that she attended the Policy Committee meeting on December 7. The only action item that staff presented was the RP-5 Aeration Diffuser Replacement Construction Contract. The Policy Committee approved this item.

CHINO BASIN WATERMASTER REPORT

President Elie reported that there is still discussion on resolving the appeal that is outstanding related to the Safe Yield. He stated that there was a reception held for Ms. Halla Razak to introduce her to the Chino Basin Watermaster members at the Galleano Winery. The Three Valleys Municipal Water District Directors and Western Municipal Water District Directors were in attendance.

GENERAL MANAGER'S REPORT

General Manager Halla Razak stated that in addition to the written report included in the Board packet, the Agency received three notices of violation from South Coast Air Quality Management District for infractions that happened as early as February 2016. The three violations were for RP-1 Flare Flow Rate exceedance, RP-2 Engine Emissions exceedance, and RP-5 the IBE Flare and Engine exceedances. Staff will be further looking into these items and she will provide more information in the future.

BOARD OF DIRECTORS' REQUESTED FUTURE AGENDA ITEMS

There were no Board requested future agenda items.

DIRECTORS' COMMENTS

Director Parker stated that she attended the reception for General Manager Halla Razak by CBWM at Galleano Winery on December 7, 2017 and she stated it was very well done.

Director Camacho stated that he also attended the reception for Ms. Razak at Galleano Winery on December 7, 2017 and he attended the ACWA Fall Conference in Anaheim on November 29 to December 1, 2017.

Director Elie stated that he attended a meeting called by Congresswoman Norma Torres on November 17, 2017. He also attended the ACWA Fall Conference on November 29 to December 1, 2017. He assisted staff on a tour for Assemblymember Phillip Chen, attended the Chino Valley Tree lighting ceremony, and reception for Ms. Razak on December 7, 2017.

CLOSED SESSION

The Board went into Closed Session at 10:42 a.m., A. PURSUANT TO GOVERNMENT CODE SECTION 54956.9(a) – CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION: (1) Chino Basin Municipal Water District vs. City of Chino, Case No. RCV51010; B. PURSUANT TO GOVERNMENT CODE SECTION 54956.9(d)(4) – CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION: one case; C. PURSUANT TO GOVERNMENT CODE SECTION 54957.6 – CONFERENCE WITH LABOR NEGOTIATOR: Meet and Confer Negotiations – All Bargaining Units, Negotiating Parties: General Manager Halla Razak.

The meeting resumed at 11:03 a.m., and General Counsel Martin Cihigoyenette stated that the below-mentioned matters were discussed in Closed Session, and the Board took the following actions:

Regarding Conference with Legal Counsel – Existing Litigation:

Chino Basin Municipal Water District vs. City of Chino, Case No. RCV51010

The Board did not discuss.

Regarding Conference Anticipated Litigation:

One case

The Board did not discuss.

Regarding Conference with Labor Negotiator:

Meet and Confer Negotiations – All Bargaining Units

Negotiating Parties: General Manager Halla Razak

The Board took no reportable action.

With no further business, President Elie adjourned the meeting at 11:04 a.m. in honor of General Manager Emeritus P. Joseph Grindstaff and his retirement.

Jasmin A. Hall, Secretary/Treasurer

APPROVED: JANUARY 17, 2018

**CONSENT
CALENDAR
ITEM**

1B

Date: January 17, 2018

To: The Honorable Board of Directors

From: Halla Razak, General Manager

HR

Committee:

Executive Contact: Christina Valencia, Executive Manager of Finance & Administration/AGM

Subject: Report on General Disbursements

Executive Summary:

Total disbursements for the month of November 2017 were \$16,861,175.34. Disbursement activity included check payments of \$4,227,945.52 to vendors and \$1,442.36 for worker's compensation related costs. Electronic payments included Automated Clearing House (ACH) of \$6,026,455.74 and wire transfers (excluding payroll) of \$5,144,062.51. Total payroll was \$1,455,474.44 for employees and \$5,794.77 for the Board of Directors.

Staff's Recommendation:

Approve the total disbursements for the month of November 2017, in the amount of \$16,861,175.34.

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

Account/Project Name:

Fiscal Impact (explain if not budgeted):

Prior Board Action:

None.

Environmental Determination:

Not Applicable

Business Goal:

The report on general disbursements is consistent with the Agency's Business Goal of Fiscal Responsibility in providing financial reporting that accounts for general disbursements associated with operating requirements.

Attachments:

Attachment 1 - Background

Attachment 2 - Details of General Disbursements

Background

Subject: Report on General Disbursements

Table 1 summarizes the disbursements detailed in each of the six attachments affixed to this letter. Table 2 lists the disbursements in excess of an aggregated \$500,000 per vendor, and is presented in largest to smallest dollar value.

Table 1: Disbursement Details

Attachment	Payment Type	Amount
1	Vendor Checks	\$4,227,945.52
2	Workers' Comp Checks	\$1,442.36
3	Vendor ACHs	\$6,026,455.74
4	Vendor Wires (excludes Payroll)	\$5,144,062.51
5	Payroll-Net Pay-Directors	\$5,794.77
6	Payroll-Net Pay-Employees	\$1,455,474.44
Total Disbursements		\$16,861,175.34

Table 2: Disbursements in Excess of \$500,000 per Vendor

Vendor	Amount	Description
MWD	\$3,559,799.06	SEP 2017 Water Purchase
KEMP BROS CONSTR INC	\$1,771,830.86	EN15008- Water Quality Laboratory- Pay Estimate #14
CHINO BASIN DESALTER	\$1,621,055.19	7/16-6/17-MWD Rebate Pass Through CDA-EN16021.90-IEUA Contrib #10-Proj Clean-Up Wellfield Development-Wells 1,2,3-Inv#23 CDA-1010 Zn Pmp Stn/Ppln-Inv#23A-Grnt Pass Thru
PARSONS WATER & INFRASTRUCTURE	\$1,106,259.22	EN19006 -RP-5 Biosolids Facility / EN19001- RP-5 Expansion to 30 mgd - 8/5-10/6 Svc's
PERS	\$803,367.94	11/17 Hlth Ins; P/R 22, 23,42; DIR 010 PERS Cont
IRS	\$604,761.85	P/R 23, 24; Dir 010 Pyrl Taxes

Attachment 1

Vendor Checks

Check Register

Bank		CBB		CITIZENS BUSINESS BANK		ONTARIO CA 917610000	
Bank Key		122234149					
Acct number		CHECK		231167641			
Check							
Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void	
221406	2200086517	11/02/2017	USD	58.00	AEROTEK INC ATLANTA GA		11/06/2017
221407	2200086497	11/02/2017	USD	437.17	AIRGAS WEST INC PASADENA CA		11/06/2017
221408	2200086524	11/02/2017	USD	8,402.16	ALLIED UNIVERSAL SECURITY SERV PASADENA CA		11/06/2017
221409	2200086503	11/02/2017	USD	4,472.39	APPLEONE EMPLOYMENT SERVICES GLENDALE CA		11/07/2017
221410	2200086528	11/02/2017	USD	2,851.19	AUTOZONE INC ATLANTA GA		11/08/2017
221411	2200086516	11/02/2017	USD	270.00	BABCOCK LABORATORIES, INC RIVERSIDE CA		11/07/2017
221412	2200086507	11/02/2017	USD	396.96	BEN MEADOWS CO CHICAGO IL		11/06/2017
221413	2200086506	11/02/2017	USD	265.00	CALIF WATER ENVIRONMENT ASSOC OAKLAND CA		11/10/2017
221414	2200086529	11/02/2017	USD	4,055.48	CALIFORNIA WATER TECHNOLOGIES, PASADENA CA		11/07/2017
221415	2200086531	11/02/2017	USD	3,837.00	CARBON ACTIVATED CORP COMPTON CA		11/08/2017
221416	2200086523	11/02/2017	USD	3,900.47	CTINTAS CORPORATION LOC#150 PHOENIX AZ		11/09/2017
221417	2200086490	11/02/2017	USD	76.67	CITY RENTALS INC ONTARIO CA		11/09/2017
221418	2200086521	11/02/2017	USD	474.03	CS-AMSCO HUNTINGTON BEACH CA		11/07/2017
221419	2200086505	11/02/2017	USD	1,276.74	DELL MARKETING L P PASADENA CA		11/06/2017
221420	2200086535	11/02/2017	USD	13,125.00	ELECTRIC SERVICE & SUPPLY PASADENA CA		11/08/2017
221421	2200086527	11/02/2017	USD	1,279.55	ELECTRO-CHEMICAL DEVICES, INC ANAHEIM CA		11/07/2017
221422	2200086495	11/02/2017	USD	141.04	FIRST AID 2000 HUNTINGTON BEACH CA		11/15/2017
221423	2200086491	11/02/2017	USD	1,908.03	FISHER SCIENTIFIC LOS ANGELES CA		11/06/2017
221424	2200086543	11/02/2017	USD	1,295.20	FRONTIER COMMUNICATIONS CORP CINCINNATI OH		11/09/2017
221425	2200086522	11/02/2017	USD	89,526.25	GEI CONSULTANTS INC BOSTON MA		11/07/2017
221426	2200086502	11/02/2017	USD	1,080.03	GENERAL BOTTLE INC LOS ANGELES CA		11/08/2017
221427	2200086533	11/02/2017	USD	23,365.00	GILLIS + PANICHAPAN ARCHITECTS COSTA MESA CA		11/07/2017
221428	2200086534	11/02/2017	USD	2,371.20	GOAL PRODUCTIONS INC GLENDALE CA		11/07/2017
221429	2200086520	11/02/2017	USD	7,560.00	GOLDEN STATE LABOR COMPLIANCE PALMDALE CA		11/14/2017
221430	2200086501	11/02/2017	USD	580.00	GOVERNMENT FINANCE OFFICERS ASCHICAGO IL		11/09/2017
221431	2200086499	11/02/2017	USD	5,412.65	GRAINGER PALATINE IL		11/06/2017
221432	2200086519	11/02/2017	USD	6,723.16	HACH COMPANY CHICAGO IL		11/06/2017
221433	2200086530	11/02/2017	USD	1,637.55	HD WORK GEAR LAKEWOOD CA		11/07/2017
221434	2200086547	11/02/2017	USD	300.00	HERNANDEZ, JESUS RANCHO CUCAMONGA CA		11/09/2017
221435	2200086492	11/02/2017	USD	1,018.04	HOME DEPOT CREDIT SERVICES DES MOINES IA		11/13/2017
221436	2200086526	11/02/2017	USD	2,911.71	ICE QUEB INC GREENSBURG PA		11/09/2017
221437	2200086510	11/02/2017	USD	210.00	ISA DURHAM NC		11/08/2017
221438	2200086538	11/02/2017	USD	6,543.26	KRD MANAGEMENT CONSULTING LLC TEMECULA CA		11/07/2017
221439	2200086546	11/02/2017	USD	312.29	LETULLE, CHANDER CHINO HILLS CA		11/08/2017
221440	2200086509	11/02/2017	USD	276.81	M & M CONTROL SERVICES INC GRAYSLAKE IL		11/13/2017
221441	2200086500	11/02/2017	USD	23,559.58	MARCAB COMPANY INC ONTARIO CA		12/12/2017
221442	2200086512	11/02/2017	USD	584.85	MIDPOINT BEARING ONTARIO CA		11/06/2017
221443	2200086545	11/02/2017	USD	354.79	MORGAN-PERALES, LISA CHINO HILLS CA		11/06/2017
221444	2200086525	11/02/2017	USD	387.90	MULTY INDUSTRIES PRECISION MACONTARIO CA		11/08/2017
221445	2200086518	11/02/2017	USD	198.98	NATIONAL BUSINESS INVESTIGATION MURRIETA CA		11/08/2017
221446	2200086498	11/02/2017	USD	405.18	NEW PIG CORPORATION TIPTON PA		11/08/2017
221447	2200086532	11/02/2017	USD	4,346.06	PACIFIC COURIERS INC ORANGE CA		11/10/2017
221448	2200086494	11/02/2017	USD	290.50	RAYNE WATER CONDITIONING COVINA CA		11/06/2017
221449	2200086508	11/02/2017	USD	15,751.25	RMS ENGINEERING & DESIGN CORONA DEL MAR CA		11/08/2017

Inland Empire Util. Agency
 Chino, CA
 Company code 1000

Check Register

12/14/2017 / 18:54:22
 User: CCAMPBELL
 Page: 2

Bank		CIB		CITIZENS BUSINESS BANK		ONTARIO CA 917610000	
Bank Key		122234149					
Acct number		CHECK		231167641			
Check							
Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void	
221450	2200086540	11/02/2017	USD	410.84	SO CALIF EDISON ROSEMEAD CA	11/07/2017	
221451	2200086515	11/02/2017	USD	10.00	STATE OF CALIFORNIA SACRAMENTO CA	11/24/2017	
221452	2200086513	11/02/2017	USD	12,692.65	TOM DODSON & ASSOCIATES SAN BERNARDINO CA	11/08/2017	
221453	2200086542	11/02/2017	USD	457.79	VERIZON BUSINESS ALBANY NY	11/07/2017	
221454	2200086514	11/02/2017	USD	13,172.61	VERIZON WIRELESS DALLAS TX	11/07/2017	
221455	2200086496	11/02/2017	USD	349.89	VISTA PAINT CORP FULLERTON CA	11/07/2017	
221456	2200086558	11/06/2017	USD	783.11	SO CALIF GAS MONTEREY PARK CA	11/10/2017	
221457	2200086557	11/06/2017	USD	7,880.27	U S BANK ST LOUIS MO	11/08/2017	
221458	2200086560	11/06/2017	USD	23,222.81	CALIFORNIA WATER TECHNOLOGIES,PASADENA CA	11/10/2017	
221459	2200086567	11/06/2017	USD	139.59	CHICO, GABRIEL CHINO HILLS CA	11/16/2017	
221460	2200086562	11/06/2017	USD	347.26	COLONIAL LIFE & ACCIDENT INSURCOLUMBIA SC	11/13/2017	
221461	2200086568	11/06/2017	USD	882.75	DAVIS, MARIHA CHINO HILLS CA	11/14/2017	
221462	2200086566	11/06/2017	USD	2,299.23	FIDELITY SECURITY LIFE INSURANCINCINNATI OH	11/13/2017	
221463	2200086559	11/06/2017	USD	1,750.00	HCI ENVIRONMENTAL & ENGINEERINCORONA CA	11/13/2017	
221464	2200086565	11/06/2017	USD	255.10	LEGALSHIELD ADA OK	11/16/2017	
221465	2200086563	11/06/2017	USD	96.54	PERS LONG TERM CARE PROGRAM PASADENA CA	11/10/2017	
221466	2200086570	11/06/2017	USD	148.29	RODRIGUEZ, MICHAEL CHINO HILLS CA	11/10/2017	
221467	2200086569	11/06/2017	USD	109.51	SELLO, RICHARD CHINO HILLS CA	11/24/2017	
221468	2200086561	11/06/2017	USD	2,680.00	WESTERN DENTAL PLAN ORANGE CA	11/16/2017	
221469	2200086564	11/06/2017	USD	25.00	WILCO LIFE INSURANCE COMPANY ATLANTA GA	11/16/2017	
221470	2200086615	11/09/2017	USD	290.00	AEROTEK INC ATLANTA GA	11/13/2017	
221471	2200086595	11/09/2017	USD	1,312.57	AIRGAS WEST INC PASADENA CA	11/13/2017	
221472	2200086627	11/09/2017	USD	165.18	ALTA FOODCRAFT COFFEE LONG BEACH CA	11/15/2017	
221473	2200086605	11/09/2017	USD	774.47	AMERICAN COMPRESSOR CO SANTA FE SPRINGS CA	11/14/2017	
221474	2200086646	11/09/2017	USD	188.02	AMERICAN HERITAGE LIFE INSURANDALLAS TX	12/01/2017	
221475	2200086623	11/09/2017	USD	3,539.37	AMERICAN PRINTING & PROMOTIONSEASTVALE CA	11/16/2017	
221476	2200086602	11/09/2017	USD	355.00	AMERICAN SOCIETY OF CIVIL ENGBALTIMORE MD	11/20/2017	
221477	2200086644	11/09/2017	USD	9,760.00	AMERICAN WATER COLLEGE LLC SACRAMENTO CA	11/14/2017	
221478	2200086625	11/09/2017	USD	2,880.00	AMP MECHANICAL INC COSTA MESA CA	11/15/2017	
221479	2200086629	11/09/2017	USD	329.63	ASAP INDUSTRIAL SUPPLY FONTANA CA	11/14/2017	
221480	2200086604	11/09/2017	USD	8,641.38	BLACK & VEATCH CORPORATION KANSAS CITY MO	11/14/2017	
221481	2200086632	11/09/2017	USD	18,091.79	BRIGHTVIEW LANDSCAPE SERVICES LOS ANGELES CA	11/13/2017	
221482	2200086624	11/09/2017	USD	8,000.00	CALIFORNIA STRATEGIES LLC SACRAMENTO CA	11/15/2017	
221483	2200086633	11/09/2017	USD	8,088.28	CALIFORNIA WATER TBCHNOLOGIES,PASADENA CA	11/13/2017	
221484	2200086626	11/09/2017	USD	17,170.00	CALVADA SURVEYING INC CORONA CA	11/15/2017	
221485	2200086663	11/09/2017	USD	336.52	CAMACHO, MICHAEL CHINO HILLS CA	11/13/2017	
221486	2200086660	11/09/2017	USD	147.63	CARL H TAYLOR III CRYSTAL RIVER FL	11/14/2017	
221487	2200086606	11/09/2017	USD	185,013.25	CAROLLO ENGINEERS INC SALT LAKE CITY UT	11/15/2017	
221488	2200086603	11/09/2017	USD	35.00	CHAMPION NEWSPAPERS CHINO CA	11/14/2017	
221489	2200086601	11/09/2017	USD	3,150.00	CHINO BASIN WATER CONSERVATIONMONTCLAIR CA	11/17/2017	
221490	2200086620	11/09/2017	USD	2,135.65	CINTAS CORPORATION LOC#150 PHOENIX AZ	11/14/2017	
221491	2200086658	11/09/2017	USD	404.50	CITY EMPLOYEES ASSOCIATES LONG BEACH CA	11/14/2017	
221492	2200086634	11/09/2017	USD	3,267.20	D & H WATER SYSTEMS INC OCEANSIDE CA	11/15/2017	
221493	2200086600	11/09/2017	USD	4,820.24	DELL MARKETING L P PASADENA CA	11/13/2017	

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221496	2200086631	11/09/2017	USD	34,420.00	EUROFINS EATON ANALYTICAL, INOCRAPEVINE TX		11/15/2017
221497	2200086586	11/09/2017	USD	3,067.01	FISHER SCIENTIFIC LOS ANGELES CA		11/13/2017
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221499	2200086642	11/09/2017	USD	2,535.00	GILLIS + PANICHAPAN ARCHITECTS COSTA MESA CA		11/21/2017
221500	2200086597	11/09/2017	USD	1,688.58	GRAINGER PALATINE IL		11/15/2017
221501	2200086587	11/09/2017	USD	4,367.16	HAAKER EQUIPMENT COMPANY LA VERNE CA		11/15/2017
221502	2200086588	11/09/2017	USD	719.54	HOME DEPOT CREDIT SERVICES DES MOINES IA		11/15/2017
221503	2200086608	11/09/2017	USD	68.21	INDUSTRIAL SUPPLY COMPANY ONTARIO CA		11/14/2017
221504	2200086651	11/09/2017	USD	51.00	INLAND EMPIRE UNITED WAY RANCHO CUCAMONGA CA		11/16/2017
221505	2200086619	11/09/2017	USD	60.00	INSTITUTE OF INTERNAL AUDITORS RIVERSIDE CA		11/17/2017
221506	2200086636	11/09/2017	USD	500.00	JUAN F ZAMORA MURRIETA CA		11/14/2017
221507	2200086641	11/09/2017	USD	17,651.00	LANCE SOLL & LUNGHARD LLP BREA CA		11/14/2017
221508	2200086612	11/09/2017	USD	4,445.50	LIEBERT CASSIDY WHITMORE LOS ANGELES CA		11/14/2017
221509	2200086656	11/09/2017	USD	14,656.28	LIFE INSURANCE COMPANY OF PHILADELPHIA PA		11/15/2017
221510	2200086610	11/09/2017	USD	350.46	LOCKMASTERS USA INC PANAMA CITY FL		11/20/2017
221511	2200086614	11/09/2017	USD	3,313.51	LOS ANGELES FREIGHTLINER FONTANA CA		11/13/2017
221512	2200086638	11/09/2017	USD	6,498.68	MANAGED MOBILE INC PLACENTIA CA		11/14/2017
221513	2200086661	11/09/2017	USD	288.00	MARIA FRESQUEZ N LAS VEGAS NV		11/15/2017
221514	2200086662	11/09/2017	USD	46.01	MEDEIROS, SHAWN CHINO HILLS CA		11/21/2017
221515	2200086640	11/09/2017	USD	477.40	MOORE INDUSTRIES INTERNATIONAL NORTH HILLS CA		11/14/2017
221516	2200086589	11/09/2017	USD	27,288.60	ORANGE COUNTY WATER DISTRICT FOUNTAIN VALLEY CA		11/14/2017
221517	2200086590	11/09/2017	USD	15,088.24	PACIFIC MECHANICAL SUPPLY SANTA FE SPRINGS CA		11/14/2017
221518	2200086613	11/09/2017	USD	1,969.20	PALM AUTO DETAIL INC COLTON CA		11/20/2017
221519	2200086659	11/09/2017	USD	430.50	PATRICK W HUNTER PHELAN CA		11/14/2017
221520	2200086655	11/09/2017	USD	193.08	PERS LONG TERM CARE PROGRAM PASADENA CA		11/13/2017
221521	2200086611	11/09/2017	USD	3,311.43	PUMP ENGINEERING SANTA FE SPRINGS CA		11/14/2017
221522	2200086591	11/09/2017	USD	12,116.75	RMA GROUP RANCHO CUCAMONGA CA		11/14/2017
221523	2200086647	11/09/2017	USD	522.75	SHERIFF'S COURT SERVICES SAN BERNARDINO CA		11/21/2017
221524	2200086630	11/09/2017	USD	1,357.65	SNAP GRAPHICS & DESIGN RANCHO CUCAMONGA CA		11/14/2017
221525	2200086645	11/09/2017	USD	73,118.43	SO CALIF EDISON ROSEMEAD CA		11/15/2017
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221527	2200086596	11/09/2017	USD	3,085.76	SPARKLING INSTRUMENTS LLC PHOENIX AZ		11/15/2017
221528	2200086609	11/09/2017	USD	3,017.45	TELEDYNE INSTRUMENTS INC CHICAGO IL		11/13/2017
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221530	2200086635	11/09/2017	USD	53,343.17	THERMO ELECTRON NORTH AMERICA ATLANTA GA		11/13/2017
221531	2200086593	11/09/2017	USD	1,515.70	UPS FREIGHT CHICAGO IL		11/14/2017
221532	2200086653	11/09/2017	USD	243.33	US DEPARTMENT OF EDUCATION ATLANTA GA		11/16/2017
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221535	2200086696	11/13/2017	USD	85.00	AMERICAN SOCIETY OF CIVIL ENGI TUSTIN CA		11/21/2017
221536	2200086711	11/13/2017	USD	19.08	ARAMBULA, BLANCA CHINO HILLS CA		
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221541	2200086702	11/13/2017	USD	2,779.61	CITY OF CHINO CHINO CA	11/16/2017	
221542	2200086697	11/13/2017	USD	1,650.00	CIVIC PUBLICATIONS INC LA VERNE CA	11/22/2017	
221543	2200086715	11/13/2017	USD	391.79	DELGADO, ROBERTO CHINO HILLS CA	11/29/2017	
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221546	2200086705	11/13/2017	USD	1,055.99	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	11/21/2017	
221547	2200086709	11/13/2017	USD	275.00	GUARDIANO, GARY CHINO HILLS CA	11/24/2017	
221548	2200086675	11/13/2017	USD	1,760.01	INLAND VALLEY DAILY BULLETIN LOS ANGELES CA	11/20/2017	
221549	2200086681	11/13/2017	USD	1,058.83	KONICA MINOLTA PASADENA CA	11/17/2017	
221550	2200086700	11/13/2017	USD	1,980.49	NEW MILLENNIUM CONSTRUCTION CHINO HILLS CA	11/20/2017	
221551	2200086708	11/13/2017	USD	25.00	NOEL, STEVE CHINO HILLS CA	11/16/2017	
221552	2200086713	11/13/2017	USD	89.55	PIVOVAROFF, JASON CHINO HILLS CA	11/17/2017	
221553	2200086678	11/13/2017	USD	6,807.65	POLYDYNE INC ATLANTA GA	11/17/2017	
221554	2200086710	11/13/2017	USD	144.45	POMERLEAU, TOM CHINO HILLS CA	11/21/2017	
221555	2200086674	11/13/2017	USD	146.50	RBM LOCK & KEY ONTARIO CA	11/20/2017	
221556	2200086707	11/13/2017	USD	225.00	REED, RANDALL J CHINO HILLS CA	11/17/2017	
221557	2200086676	11/13/2017	USD	7,297.00	RMA GROUP RANCHO CUCAMONGA CA	11/20/2017	
221558	2200086712	11/13/2017	USD	25.00	ROBSON, PAT CHINO HILLS CA		
221559	2200086691	11/13/2017	USD	2,512.17	RSD LAKE FOREST CA	11/16/2017	
221560	2200086694	11/13/2017	USD	1,215.00	RUTAN & TUCKER LLP COSTA MESA CA	11/16/2017	
221561	2200086686	11/13/2017	USD	500.00	SAN BERNARDINO COUNTY AIRPORTS CHINO CA	11/21/2017	
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221565	2200086703	11/13/2017	USD	2,266.13	SO CALIF EDISON ROSEMEAD CA	11/17/2017	
221566	2200086677	11/13/2017	USD	623.72	TRANSCAT INC BALTIMORE MD	11/20/2017	
221567	2200086699	11/13/2017	USD	386.69	TRIEPEI SMITH AND ASSOCIATES, IRVINE CA	11/20/2017	
221568	2200086690	11/13/2017	USD	4,470.00	TRUSSELL TECHNOLOGIES INC PASADENA CA	11/24/2017	
221569	2200086687	11/13/2017	USD	828.87	U S BANK NA MINNEAPOLIS MN	11/20/2017	
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221571	2200086683	11/13/2017	USD	324.55	ULTRA SCIENTIFIC NORTH KINGSTOWN RI	11/22/2017	
221572	2200086689	11/13/2017	USD	148.70	URIMAGE BLOOMINGTON CA	11/20/2017	
221573	2200086692	11/13/2017	USD	13,088.46	VAUGHAN'S INDUSTRIAL REPAIR COPARAMOUNT CA	11/17/2017	
221574	2200086701	11/13/2017	USD	89,487.61	VIRAMONTES EXPRESS INC CORONA CA	12/04/2017	
221575	2200086688	11/13/2017	USD	25,495.61	W A RASTIC CONSTRUCTION CO INC LONG BEACH CA	11/17/2017	
221576	2200086693	11/13/2017	USD	272.13	YRC PASADENA CA	11/16/2017	
221577	2200086749	11/16/2017	USD	1,624.00	AEROTEK INC ATLANTA GA	11/20/2017	
221578	2200086739	11/16/2017	USD	679.00	AIRGAS WEST INC PASADENA CA	11/20/2017	
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221580	2200086744	11/16/2017	USD	2,243.20	APPLEONE EMPLOYMENT SERVICES GLENDALE CA	11/21/2017	
221581	2200086776	11/16/2017	USD	100.00	ARMENDAREZ III, JESUS M FONTANA CA		

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221589	2200086769	11/16/2017	USD	1,260.00	CLINICAL HEALTH SYSTEMS ANAHEIM CA	11/20/2017	
221590	2200086736	11/16/2017	USD	3,480.22	COLE PARMER INSTRUMENT CO CHICAGO IL	11/20/2017	
221591	2200086767	11/16/2017	USD	18,560.34	D & H WATER SYSTEMS INC OCEANSIDE CA	11/28/2017	
221592	2200086762	11/16/2017	USD	2,650.00	DAVID WHEELER'S BEST CONTROL, NORCO CA	11/22/2017	
221593	2200086746	11/16/2017	USD	6,635.05	DELL MARKETING L P PASADENA CA	11/20/2017	
221594	2200086754	11/16/2017	USD	1,083.16	DELL SERVICE SALES SCOTT'S VALLEY CA	11/27/2017	
221595	2200086764	11/16/2017	USD	9,973.38	ELECTRO-CHEMICAL DEVICES, INC ANAHEIM CA	11/21/2017	
221596	2200086771	11/16/2017	USD	121,442.66	FACILITY SOLUTIONS GROUP INC PLACENTIA CA	11/21/2017	
221597	2200086756	11/16/2017	USD	110,789.08	FAIRVIEW FORD SAN BERNARDINO CA	11/22/2017	
221598	2200086768	11/16/2017	USD	269,819.44	FERREIRA COASTAL CONSTRUCTION BRANCBURG NJ	11/21/2017	
221599	2200086747	11/16/2017	USD	857.00	FIRST AMERICAN TITLE INSURANCE LOS ANGELES CA	11/29/2017	
221600	2200086737	11/16/2017	USD	4,811.26	FISHER SCIENTIFIC LOS ANGELES CA	11/20/2017	
221601	2200086743	11/16/2017	USD	659.75	FLW INC HUNTINGTON BEACH CA	11/20/2017	
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221604	2200086783	11/16/2017	USD	1,041.56	MALM, DAVID CHINO HILLS CA	11/22/2017	
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221613	2200086740	11/16/2017	USD	581.97	PETTY CASH EXPENDITURES CHINO CA	11/20/2017	
221614	2200086738	11/16/2017	USD	3,957.72	RAMONA TIRE & SERVICE CENTERS HEMET CA	12/04/2017	
221615	2200086735	11/16/2017	USD	268.95	REM LOCK & KEY ONTARIO CA	11/20/2017	
221616	2200086782	11/16/2017	USD	180.00	REED, RANDALL J CHINO HILLS CA	12/05/2017	
221617	2200086759	11/16/2017	USD	50,315.55	SCW CONTRACTING CORPORATION FALLBROOK CA	11/22/2017	
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221620	2200086765	11/16/2017	USD	100.00	TIEGS, KATHLEEN ALTA LOMA CA		
221621	2200086772	11/16/2017	USD	62,627.80	TONY PAINTING GARDEN GROVE CA	11/20/2017	
221622	2200086751	11/16/2017	USD	1,193.58	TRIMAX SYSTEMS INC BREA CA	11/22/2017	
221623	2200086761	11/16/2017	USD	100.00	ULLOA, EUNICE M CHINO CA		
221624	2200086781	11/16/2017	USD	457.79	VERIZON BUSINESS ALBANY NY	11/21/2017	
221625	2200086770	11/16/2017	USD	100.00	VINCENT, TRISHA LYNN MONTCLAIR CA	11/22/2017	

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221646	2200086834	11/22/2017	USD	328.21	AIRGAS WEST INC PASADENA CA	11/27/2017	
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221653	2200086913	11/22/2017	USD	147.63	CARL H TAYLOR III CRYSTAL RIVER FL	11/28/2017	
221654	2200086843	11/22/2017	USD	30,970.89	CDM SMITH INC LOS ANGELES CA	11/27/2017	
221655	2200086824	11/22/2017	USD	1,296.45	CHARLES P CROWLEY CO IRWINDALE CA	11/28/2017	
221656	2200086910	11/22/2017	USD	404.50	CITY EMPLOYEES ASSOCIATES LONG BEACH CA	11/29/2017	
221657	2200086825	11/22/2017	USD	106.00	CITY RENTALS INC ONTARIO CA	11/29/2017	
221658	2200086905	11/22/2017	USD	347.26	COLONIAL LIFE & ACCIDENT INSURCOLUMBIA SC	11/29/2017	
221659	2200086888	11/22/2017	USD	420.80	CUCAMONGA VALLEY WATER DISTRICTLOS ANGELES CA	11/27/2017	
221660	2200086917	11/22/2017	USD	145.75	CUNNINGHAM, RICHARD CHINO HILLS CA	11/30/2017	
221661	2200086915	11/22/2017	USD	350.00	DOAN, KHANH V CHINO HILLS CA	11/27/2017	
221662	2200086884	11/22/2017	USD	3,000.00	DOCUNAV SOLUTIONS FRISCO TX	12/08/2017	
221663	2200086849	11/22/2017	USD	231.00	ENVIRONMENTAL CONSULTING & TESSUPERIOR WI	12/08/2017	
221664	2200086873	11/22/2017	USD	540.00	EUROFINS EATON ANALYTICAL, INCGRAPEVINE TX	11/29/2017	
221665	2200086863	11/22/2017	USD	27,697.27	FAIRVIEW FORD SAN BERNARDINO CA	11/29/2017	
221666	2200086912	11/22/2017	USD	2,268.87	FIDELITY SECURITY LIFE INSURANCINCINNATI OH	11/28/2017	
221667	2200086909	11/22/2017	USD	588.03	FRANCHISE TAX BOARD SACRAMENTO CA	12/07/2017	
221668	2200086895	11/22/2017	USD	3,123.20	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	12/01/2017	
221669	2200086868	11/22/2017	USD	5,107.69	GEARY PACIFIC SUPPLY ANAHEIM CA	11/28/2017	

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Bank		CBB		CITIZENS BUSINESS BANK		ONTARIO CA 917610000	
Bank Key		122234149					
Acct number		CHICK		231167641			
Check							
Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void	
221670	2200086864	11/22/2017	USD	21,324.00	GEI CONSULTANTS INC BOSTON MA	11/28/2017	
221671	2200086920	11/22/2017	USD	64.65	GIBSON, CONNIE CHINO HILLS CA	12/06/2017	
221672	2200086837	11/22/2017	USD	6,113.46	GRAINGER PALATINE IL	11/28/2017	
221673	2200086828	11/22/2017	USD	632.11	HOME DEPOT CREDIT SERVICES DES MOINES IA	12/04/2017	
221674	2200086918	11/22/2017	USD	350.00	HUGHBANKS, ROGER CHINO HILLS CA	11/30/2017	
221675	2200086859	11/22/2017	USD	895.00	INLAND EMPIRE MAGAZINE RIVERSIDE CA	11/29/2017	
221676	2200086900	11/22/2017	USD	51.00	INLAND EMPIRE UNITED WAY RANCHO CUCAMONGA CA	11/27/2017	
221677	2200086872	11/22/2017	USD	9,377.28	INTEGRATED PROCESS TECHNOLOGIETEMPE AZ	11/29/2017	
221678	2200086845	11/22/2017	USD	2,750.00	J WILLIAM MURPHY AND ASSOCIATEONTARIO CA	11/22/2017	
221679	2200086846	11/22/2017	USD	2,497.40	KONICA MINOLTA PASADENA CA	11/27/2017	
221680	2200086924	11/22/2017	USD	40.00	LEE, SALLY H CHINO HILLS CA	11/24/2017	
221681	2200086894	11/22/2017	USD	928.46	LEVEL 3 COMMUNICATIONS LLC DENVER CO	11/27/2017	
221682	2200086874	11/22/2017	USD	181.75	LINDSAY ENGINEERING, INC. CAMARILLO CA	12/01/2017	
221683	2200086923	11/22/2017	USD	160.00	LUCAS, LARRY CHINO HILLS CA	11/30/2017	
221684	2200086914	11/22/2017	USD	288.00	MARIA FRESQUEZ N LAS VEGAS NV	11/28/2017	
221685	2200086869	11/22/2017	USD	684.50	MARS ENVIRONMENTAL INC ANAHEIM CA	12/04/2017	
221686	2200086854	11/22/2017	USD	619.32	MCCROMETER INC CHICAGO IL	11/27/2017	
221687	2200086862	11/22/2017	USD	2,000.00	MONTE VISTA WATER DISTRICT MONICLAIR CA	11/29/2017	
221688	2200086922	11/22/2017	USD	1,353.06	NANGIA, SAPNA CHINO HILLS CA	11/24/2017	
221689	2200086827	11/22/2017	USD	229.11	OFFICE DEPOT CINCINNATI OH	11/29/2017	
221690	2200086826	11/22/2017	USD	4,693.28	OFFICE DEPOT PHOENIX AZ	11/29/2017	
221691	2200086887	11/22/2017	USD	100.44	ONTARIO MUNICIPAL UTILITIES COONTARIO CA	11/27/2017	
221692	2200086921	11/22/2017	USD	202.70	ORTIZ, BRIAN CHINO HILLS CA	12/12/2017	
221693	2200086925	11/22/2017	USD	350.00	PANDEY, ANNE CHINO CA	12/11/2017	
221694	2200086911	11/22/2017	USD	430.50	PATRICK W HUNTER PHELAN CA	11/27/2017	
221695	2200086829	11/22/2017	USD	18,876.00	PERKINELMER HEALTH SCIENCES INCHICAGO IL	11/27/2017	
221696	2200086907	11/22/2017	USD	96.54	PERS LONG TERM CARE PROGRAM PASADENA CA	11/28/2017	
221697	2200086836	11/22/2017	USD	81.87	PETE'S ROAD SERVICE FULLERTON CA	11/30/2017	
221698	2200086880	11/22/2017	USD	16,261.05	PRIORITY BUILDING SERVICES LLCBREA CA	11/28/2017	
221699	2200086830	11/22/2017	USD	7,676.79	RAMONA TIRE & SERVICE CENTERS HEMET CA	12/04/2017	
221700	2200086883	11/22/2017	USD	2,500.00	REIGN INDUSTRIES INC BREA CA	11/27/2017	
221701	2200086847	11/22/2017	USD	1,132.50	RMS ENGINEERING & DESIGN CORONA DEL MAR CA	11/29/2017	
221702	2200086840	11/22/2017	USD	18,845.48	ROCKWELL ENGINEERING & EQUIPEMETUSTIN CA	11/27/2017	
221703	2200086916	11/22/2017	USD	125.10	ROSALES, TIMOTEO CHINO HILLS CA	11/28/2017	
221704	2200086831	11/22/2017	USD	30,336.89	ROYAL WHOLESALE ELECTRIC LOS ANGELES CA	11/27/2017	
221705	2200086852	11/22/2017			voided by SHEATH - Check not needed	11/30/2017	
221706	2200086858	11/22/2017	USD	70,920.00	SANCON ENGINEERING INC HUNTINGTON BEACH CA	11/30/2017	
221707	2200086919	11/22/2017	USD	878.18	SARMIENTO, JESSICA CHINO HILLS CA	11/24/2017	
221708	2200086882	11/22/2017	USD	4,497.50	SHAW HR CONSULTING INC NEWBURY PARK CA	11/28/2017	
221709	2200086896	11/22/2017	USD	423.88	SHERIFF'S COURT SERVICES SAN BERNARDINO CA	12/01/2017	
221710	2200086832	11/22/2017	USD	207.56	SMART & FINAL LOS ANGELES CA	12/06/2017	
221711	2200086889	11/22/2017	USD	461.10	SO CALIF EDISON ROSEMEAD CA	11/29/2017	
221712	2200086890	11/22/2017	USD	712.28	SO CALIF GAS MONTEREY PARK CA	12/04/2017	
221713	2200086866	11/22/2017	USD	155.00	SOCIETY FOR MAINTENANCE AND ATLANTA GA	12/01/2017	

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Bank		CITIZENS BUSINESS BANK		ONTARIO CA 917610000			
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Acct number		CHECK 231167641					
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Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void	
221758	2200087066	11/30/2017	USD	196,994.41	CITY OF RANCHO CUCAMONGA RANCHO CUCAMONGA CA	12/07/2017	
221759	2200087098	11/30/2017	USD	24,525.90	CONSERV CONSTRUCTION INC MENIFEE CA	12/04/2017	
221760	2200087064	11/30/2017	USD	2,533.63	DELL MARKETING L P PASADENA CA	12/04/2017	
221761	2200087110	11/30/2017	USD	32,015.67	DORGAN LEGAL SERVICES LLP PASADENA CA	12/12/2017	
221762	2200087106	11/30/2017	USD	19,375.00	ECOTECH SERVICES INC MONROVIA CA	12/06/2017	
221763	2200087099	11/30/2017	USD	1,042.39	ELECTRO-CHEMICAL DEVICES, INC ANAHEIM CA	12/05/2017	
221764	2200087079	11/30/2017	USD	687.50	EXITI INC BELL CANYON CA	12/07/2017	
221765	2200087103	11/30/2017	USD	15,340.26	FERREIRA COASTAL CONSTRUCTION BRANCHBURG NJ	12/06/2017	
221766	2200087054	11/30/2017	USD	9,795.90	FLO SYSTEMS INC ANAHEIM HILLS CA	12/05/2017	
221767	2200087114	11/30/2017	USD	34.83	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	12/05/2017	
221768	2200087108	11/30/2017	USD	16,265.00	GILLIS + PANICHAPAN ARCHITECTSCOSTA MESA CA	12/05/2017	
221769	2200087084	11/30/2017	USD	7,500.00	GILLITRADING.COM INC BEAVERTON OR	12/11/2017	
221770	2200087061	11/30/2017	USD	113.36	GRAINGER PALATINE IL	12/06/2017	
221771	2200087085	11/30/2017	USD	1,130.31	HACH COMPANY CHICAGO IL	12/04/2017	
221772	2200087065	11/30/2017	USD	44,779.00	HDR INC CHICAGO IL	12/04/2017	
221773	2200087078	11/30/2017	USD	3,272.56	HORIZON TECHNOLOGY SALEM NH	12/06/2017	
221774	2200087089	11/30/2017	USD	1,000.00	INSIDE PLANTS INC CORONA CA	12/05/2017	
221775	2200087072	11/30/2017	USD	254,505.49	J F SHEA CONSTRUCTION INC WALNUT CA	12/05/2017	
221776	2200087117	11/30/2017	USD	95.00	JOHNSON, LINDA CHINO HILLS CA	12/11/2017	
221777	2200087071	11/30/2017	USD	290.93	KONICA MINOLTA PASADENA CA	12/04/2017	
221778	2200087104	11/30/2017	USD	93.85	MEDORA CORPORATION DICKINSON ND	12/05/2017	
221779	2200087100	11/30/2017	USD	48,919.64	MICROAGE PHOENIX AZ	12/06/2017	
221780	2200087074	11/30/2017	USD	195.34	MIDPOINT BEARING ONTARIO CA	12/04/2017	
221781	2200087096	11/30/2017	USD	517.20	MULTY INDUSTRIES PRECISION MACONTARIO CA	12/05/2017	
221782	2200087093	11/30/2017	USD	1,077.80	NEW RESOURCES GROUP INC FAIRFIELD CT	12/06/2017	
221783	2200087111	11/30/2017	USD	15,000.00	PC CONSULTING SERVICES INC SANTA ANA CA	12/04/2017	
221784	2200087055	11/30/2017	USD	1,407.73	PERKINELMER HEALTH SCIENCES INCHICAGO IL	12/04/2017	
221785	2200087059	11/30/2017	USD	3,267.92	PETE'S ROAD SERVICE FULLERTON CA	12/11/2017	
221786	2200087060	11/30/2017	USD	572.91	PETTY CASH EXPENDITURES CHINO CA	12/06/2017	
221787	2200087056	11/30/2017	USD	8,507.61	RAMONA TIRE & SERVICE CENTERS HEMET CA	12/12/2017	
221788	2200087080	11/30/2017	USD	3,027.97	ROSEMOUNT INC CHICAGO IL	12/06/2017	
221789	2200087057	11/30/2017	USD	7,316.19	ROYAL WHOLESALE ELECTRIC LOS ANGELES CA	12/04/2017	
221790	2200087077	11/30/2017	USD	445.00	SAN BERNARDINO COUNTY SAN BERNARDINO CA	12/05/2017	
221791	2200087113	11/30/2017	USD	367.95	SO CALIF EDISON ROSEMEAD CA	12/05/2017	
221792	2200087092	11/30/2017	USD	115,534.98	STANTEC CONSULTING INC CHICAGO IL	12/05/2017	
221793	2200087070	11/30/2017	USD	640.00	STATE WATER RESOURCES CNTRL ERSACRAMENTO CA	12/07/2017	
221794	2200087115	11/30/2017	USD	376.57	STONE, VICTORIA CHINO HILLS CA	12/06/2017	
221795	2200087107	11/30/2017	USD	354.49	STORETRIEVE LLC MONTEBELLO CA	12/06/2017	
221796	2200087087	11/30/2017	USD	118,491.44	SWRCB ACCOUNTING OFFICE SACRAMENTO CA	12/06/2017	
221797	2200087102	11/30/2017	USD	16,700.00	SYNAGRO-WWT INC CHICAGO IL	12/04/2017	
221798	2200087075	11/30/2017	USD	6,769.93	TELEDYNE INSTRUMENTS INC CHICAGO IL	12/05/2017	
221799	2200087119	11/30/2017	USD	43.17	TRAN, TIFFANY CHINO HILLS CA		
221800	2200087058	11/30/2017	USD	890.78	TRANSCAT INC BALTIMORE MD	12/06/2017	
221801	2200087091	11/30/2017	USD	505.00	UNION PACIFIC RAILROAD COMPANYOMAHA NE		

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Bank	CBS	CITIZENS BUSINESS BANK		ONTARIO CA 917610000		
Bank Key	122234149					
Acct number	CHECK	231167641				
Check						
Check number from to	Payment	Prnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
221802	2200087086	11/30/2017	USD	333.62	URIMAGE BLOOMINGTON CA	12/08/2017
221803	2200087088	11/30/2017	USD	15,870.00	WATER ENVIRONMENT & REUSE FOUNPHILADELPHIA PA	12/05/2017
* Payment method Check			USD	4,227,945.52		

Total of all entries

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Check number from to	Payment	Print date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
**			USD	4,227,945.52		

Attachment 2

Workers' Comp Checks

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 Company code 1000

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Check number from to	Payment	Prnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
Bank CBB CITIZENS BUSINESS BANK ONTARIO CA 917610000 Bank Key 122234149 Acct number WCOMP 231159290						
Checks created manually						
04844	2200086818	11/08/2017	USD	101.86	YORK RISK SERVICES GROUP INC RANCHO CUCAMONGA CA	11/13/2017
04845	2200086819	11/08/2017	USD	59.45	YORK RISK SERVICES GROUP INC RANCHO CUCAMONGA CA	11/13/2017
04846	2200086820	11/08/2017	USD	9.26	YORK RISK SERVICES GROUP INC RANCHO CUCAMONGA CA	11/13/2017
04847	2200086821	11/08/2017	USD	35.01	YORK RISK SERVICES GROUP INC RANCHO CUCAMONGA CA	11/13/2017
04848	2200086822	11/08/2017	USD	136.00	YORK RISK SERVICES GROUP INC RANCHO CUCAMONGA CA	11/13/2017
04849	2200086928	11/15/2017	USD	135.59	YORK RISK SERVICES GROUP INC RANCHO CUCAMONGA CA	11/20/2017
04850	2200086929	11/15/2017	USD	707.30	YORK RISK SERVICES GROUP INC RANCHO CUCAMONGA CA	11/21/2017
04851	2200087137	11/22/2017	USD	245.89	YORK RISK SERVICES GROUP INC RANCHO CUCAMONGA CA	
04852	2200087147	11/29/2017	USD	12.00	YORK RISK SERVICES GROUP INC RANCHO CUCAMONGA CA	
* Payment method Checks created manually			USD	1,442.36		

Total of all entries

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Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
**			USD	1,442.36		

Attachment 3

Vendor ACHs

Check	Payee / Description		Amount
ACH	AQUA BEN CORPORATION RP1-13,800 Lbs Polymer 750A DAFT-4,600 Lbs Polymer 748E	36443 36442	18,521.45 4,064.33
	AQUA BEN CORPORATION	\$	22,585.78
ACH	NAPA GENUINE PARTS COMPANY Air/Oil/Fuel Filters Batteries, Core Deposits Batteries, Core Deposits	4584-235915 4584-235827 4584-235826	115.68 1,174.81 1,174.81
	NAPA GENUINE PARTS COMPANY	\$	2,465.30
ACH	FLUID COMPONENTS INTERNATIONAL FCI Spare Part Repair Flowmeter	1113449 1114186	2,100.65 1,442.45
	FLUID COMPONENTS INTERNATIONAL	\$	3,543.10
ACH	MCMaster-CARR SUPPLY CO Washdown Enclosures, End Stops, Rails Proximity Switches, Washdown Enclosure, Bl	47521049 48922580	446.37 736.88
	MCMaster-CARR SUPPLY CO	\$	1,183.25
ACH	US BANK - PAYMENT PLUS 100150 HARRINGTON INDUSTRIAL PLASTICS LL 101945 FLORENCE FILTER CORP 101706 CALOLYMPIC SAFETY 100150 HARRINGTON INDUSTRIAL PLASTICS LL 101945 FLORENCE FILTER CORP 101706 CALOLYMPIC SAFETY 101945 FLORENCE FILTER CORP 100319 MISSION REPROGRAPHICS	2200086205 2200086207 2200086206 2200085919 2200086059 2200086036 2200085920 2200086047	7,074.10 742.32 111.50 1,561.30 677.33 281.02 374.76 164.72
	US BANK - PAYMENT PLUS	\$	10,987.05
ACH	AMAZON BUSINESS GWRTrnOts-24V 20 Amp Charger RP1Mt-Circuit Breaker Lockouts-Red	1DC6-13JK-D1C 1YH1-YF37-3GY	806.02 387.90
	AMAZON BUSINESS	\$	1,193.92
ACH	SOLARWINDS INC SolarWinds Patch Manager	IN344665	2,712.75
	SOLARWINDS INC	\$	2,712.75
ACH	SHELL ENERGY NORTH AMERICA LP RP1-9/1-9/30 2450 Phila St 6/1-6/30 Adj RP2/RP5-9/1-9/30 16400 El Prado Rd 6/1-6 CCWRP/TP/RWPS-9/1-9/30 14950 Tlphn 6/1-6	2042 9/17 2044 9/17 2046 9/17	130,373.17 7,906.36 51,776.49
	SHELL ENERGY NORTH AMERICA LP	\$	190,056.02
ACH	PREFERRED BENEFIT INSURANCE 10/17 Agency Dental Plan	EIA22273	16,167.50

Check	Payee / Description	Amount
	PREFERRED BENEFIT INSURANCE \$	16,167.50
ACH	ICMA RETIREMENT TRUST 457 P/R 23 11/10 Deferred Comp Ded HR 0062500	14,566.63
	ICMA RETIREMENT TRUST 457 \$	14,566.63
ACH	LINCOLN NATIONAL LIFE INS CO P/R 23 11/10 Deferred Comp Ded HR 0062500	23,884.38
	LINCOLN NATIONAL LIFE INS CO \$	23,884.38
ACH	ICMA RETIREMENT TRUST 401 P/R 23 11/10 Exec Deferred Comp Ded HR 0062500	7,023.77
	ICMA RETIREMENT TRUST 401 \$	7,023.77
ACH	SANTA ANA WATERSHED September 2017 Truck Discharge 9159 2,527.57 September 2017 Service 9165 130,559.43	
	SANTA ANA WATERSHED \$	133,087.00
ACH	MCMASTER-CARR SUPPLY CO Vertical Covers, Sealant Tape, Lubricant 47986666 127.76 Single Scale Pressure Gauge W/Plastic Ca 48001838 57.22 Liquid-Filled SS Vacuum & Compound Gauge 48012675 149.89	
	MCMASTER-CARR SUPPLY CO \$	334.87
ACH	INLAND EMPIRE REGIONAL 9/17 Biosolids 90020918	249,713.52
	INLAND EMPIRE REGIONAL \$	249,713.52
ACH	PARSONS WATER & INFRASTRUCTURE EN19006/EN19001-8/5-9/1 Prof Svcs 1709B043	481,137.68
	PARSONS WATER & INFRASTRUCTURE \$	481,137.68
ACH	OLIN CORP TP1-4,994 Gals Sodium Hypochlorite 2412348 2,946.46 RP4-2,964 Gals Sodium Hypochlorite 2391559 1,748.76 RP5-4,944 Gals Sodium Hypochlorite 2393839 2,916.96 CCWRP-4,842 Gals Sodium Hypochlorite 2395083 2,856.78 RP4-2,002 Gals Sodium Hypochlorite 2395966 1,181.18 RP4-2,008 Gals Sodium Hypochlorite 2402181 1,184.72 RP4-1,988 Gals Sodium Hypochlorite 2404033 1,172.92 RP4-1,998 Gals Sodium Hypochlorite 2405281 1,178.82 RP4-1,998 Gals Sodium Hypochlorite 2405695 1,178.82 CCWRP-3,008 Gals Sodium Hypochlorite 2406912 1,774.72 RP5-4,950 Gals Sodium Hypochlorite 2407297 2,920.50 TP1-5,006 Gals Sodium Hypochlorite 2407779 2,953.54 CCWRP-3,020 Gals Sodium Hypochlorite 2407780 1,781.80 RP5-4,900 Gals Sodium Hypochlorite 2408393 2,891.00 TP1-4,730 Gals Sodium Hypochlorite 2408785 2,790.70 TP1-4,888 Gals Sodium Hypochlorite 2408873 2,883.92 TP1-4,946 Gals Sodium Hypochlorite 2409514 2,918.14 TP1-4,886 Gals Sodium Hypochlorite 2410722 2,882.74	

Check	Payee / Description	Amount
	CCWRP-4,918 Gals Sodium Hypochlorite 2411401	2,901.62
	RP4-2,000 Gals Sodium Hypochlorite 2411402	1,180.00
	TP1-4,914 Gals Sodium Hypochlorite 2411874	2,899.26
	OLIN CORP \$	47,143.36
ACH	GK & ASSOCIATES INC	
	46-2054 9/17 Prof Svcs 17-079	22,814.00
	46-2054 9/17 Prof Svcs 17-077	19,520.00
	46-2054 9/17 Prof Svcs 17-078	14,560.00
	GK & ASSOCIATES INC \$	56,894.00
ACH	KAMBRIAN CORPORATION	
	ISS-OLP GOVT SUB-Office 365 Pro Plus,Lyn 16049	60,392.50
	KAMBRIAN CORPORATION \$	60,392.50
ACH	AMAZON BUSINESS	
	RP5-Cordless Grinder/Cut-Off Tool Kit 16PM-TJQ1-PDV	299.99
	RP5-Lithium-Ion Battery Packs 1QMN-4XKJ-JHG	579.95
	RP5-3.7V Battery 1DC6-13JK-CPN	13.38
	RP5-Compact Drill/Driver Kit 1KT4-KRHP-G16	106.67
	AMAZON BUSINESS \$	999.99
ACH	IEUA EMPLOYEES' ASSOCIATION	
	P/R DIR 11 11/10/17 Employee Ded HR 0062100	12.00
	P/R 23 11/10/17 Employee Ded HR 0062500	177.00
	IEUA EMPLOYEES' ASSOCIATION \$	189.00
ACH	IEUA SUPERVISORS UNION ASSOCIA	
	P/R 23 11/10/17 Employee Ded HR 0062500	345.00
	IEUA SUPERVISORS UNION ASSOCIA\$	345.00
ACH	IEUA GENERAL EMPLOYEES ASSOCIA	
	P/R 23 11/10/17 Employee Ded HR 0062500	1,131.60
	IEUA GENERAL EMPLOYEES ASSOCIA\$	1,131.60
ACH	IEUA PROFESSIONAL EMPLOYEES AS	
	P/R 23 11/10/17 Employee Ded HR 0062500	510.00
	IEUA PROFESSIONAL EMPLOYEES AS\$	510.00
ACH	ELIE, STEVE	
	MlgReim-10/17 Meetings-Elie,S MLG 10/17	171.15
	ELIE, STEVE \$	171.15
ACH	HALL, JASMIN	
	MlgReim-10/17 Meetings-Hall,J MLG 10/17	144.61
	HALL, JASMIN \$	144.61
ACH	PARKER, KATI	
	MlgReim-10/17 Meetings-Parker,K MLG 10/17	60.67

Check	Payee / Description	Amount
	PARKER, KATI	\$ 60.67
ACH	DISCOVERY BENEFITS INC P/R 23 11/10/17 Cafeteria Plan HR 0062500	3,020.49
	DISCOVERY BENEFITS INC	\$ 3,020.49
ACH	DISCOVERY BENEFITS INC September 2017 Admin Fees 0000802842-IN 161.50 October 2017 Admin Fees 0000813182-IN 161.50	323.00
	DISCOVERY BENEFITS INC	\$ 323.00
ACH	CHINO BASIN DESALTER AUTHORITY 7/16-6/17-MWD Rebate Pass Through 381	1,343,649.10
	CHINO BASIN DESALTER AUTHORITY\$	1,343,649.10
ACH	CHINO BASIN DESALTER AUTHORITY CDA-1010 Zn Pmp Stn & Ppln-Inv#23A-Grnt 377 17,212.84 CDA-Wellfield Development-Wells 1,2,3-In 380 70,000.00	87,212.84
	CHINO BASIN DESALTER AUTHORITY\$	87,212.84
ACH	CHINO BASIN DESALTER AUTHORITY CDA-EN16021.90-IEUA Contrib #10—Proj C1 RSTRCTD CNTRB	190,193.25
	CHINO BASIN DESALTER AUTHORITY\$	190,193.25
ACH	AQUA BEN CORPORATION RP1-16,100 Lbs Polymer 750A 36276 21,608.36 DAFT-6,900 Lbs Polymer 748E 36275 6,096.50 RP1-23,000 Lbs Polymer 748E 36485 20,321.65	48,026.51
	AQUA BEN CORPORATION	\$ 48,026.51
ACH	NAPA GENUINE PARTS COMPANY Tire Valve,Hose 4584-237059 58.92 Windshield Fluid 3973-873097 14.26 Blue Def 2.5 Gal 4584-236784 77.58	150.76
	NAPA GENUINE PARTS COMPANY	\$ 150.76
ACH	MCMASTER-CARR SUPPLY CO Thermometer,Knee Pads 49763696 191.01 Credit f/Fiber Housing,Sediment Cartridg 45304573 297.24 Disposable Overalls,Pry Bar,Pin 48564518 154.14 Expansion Plug 48526902 102.63 Valves 48654951 1,072.99 Cord Grip Plastic,Access Ports,Pipe Nipp 48558519 143.91	1,367.44
	MCMASTER-CARR SUPPLY CO	\$ 1,367.44
ACH	KEMP BROS CONSTRUCTION INC EN15008-10/17 Pay Est 14 PE 14-EN15008	1,771,830.86
	KEMP BROS CONSTRUCTION INC	\$ 1,771,830.86

Check	Payee / Description	Amount
ACH	ICMA RETIREMENT TRUST 457 P/R 24 11/22/17 Deferred Comp Ded HR 0062700	13,677.43 - - - - -
	ICMA RETIREMENT TRUST 457 \$	13,677.43
ACH	LINCOLN NATIONAL LIFE INS CO P/R 24 11/22/17 Deferred Comp Ded HR 0062700	23,531.62 - - - - -
	LINCOLN NATIONAL LIFE INS CO \$	23,531.62
ACH	ICMA RETIREMENT TRUST 401 P/R 24 11/22/17 Exec Deferred Comp Ded HR 0062700	5,998.07 - - - - -
	ICMA RETIREMENT TRUST 401 \$	5,998.07
ACH	INGERSOLL RAND COMPANY RP4-Filter Elements 24180137 105.50 Inv-Filter Elements 24185032 199.79	- - - - -
	INGERSOLL RAND COMPANY \$	305.29
ACH	MCMASTER-CARR SUPPLY CO Actuated On/Off Valve 49043985	1,073.08 - - - - -
	MCMASTER-CARR SUPPLY CO \$	1,073.08
ACH	PARSONS WATER & INFRASTRUCTURE EN19006/EN19001-9/2-10/6 Prof Svcs 1710B083	625,121.54 - - - - -
	PARSONS WATER & INFRASTRUCTURE\$	625,121.54
ACH	OLIN CORP RP4-4,908 Gals Sodium Hypochlorite 2415553 2,895.72 RP5-4,938 Gals Sodium Hypochlorite 2410131 2,913.42 RP4-1,992 Gals Sodium Hypochlorite 2420577 1,175.28 CCWRP-4,930 Gals Sodium Hypochlorite 2413003 2,908.70 TP1-4,936 Gals Sodium Hypochlorite 2413004 2,912.24 RP5-4,952 Gals Sodium Hypochlorite 2413584 2,921.68 RP4-1,994 Gals Sodium Hypochlorite 2413585 1,176.46 TP1-4,856 Gals Sodium Hypochlorite 2414116 2,865.04 RP4-4,598 Gals Sodium Hypochlorite 2414658 2,712.82 CCWRP-4,950 Gals Sodium Hypochlorite 2414659 2,920.50 RP5-4,952 Gals Sodium Hypochlorite 2414660 2,921.68 TP1-4,998 Gals Sodium Hypochlorite 2415092 2,948.82 TP1-4,928 Gals Sodium Hypochlorite 2415552 2,907.52	- - - - -
	OLIN CORP \$	34,179.88
ACH	AMAZON BUSINESS SBLfStn-Oil Filler Caps 143C-ND7D-MY9 27.34 RP1/RP2-Earmuffs-Sprt Snd Amplfctn Elctr 1CLJ-HVA9-JC1 605.92 RP2-Air-Compressor Pressure Switch 1PQY-GMKL-D3N 27.22 RP1Mnt-Water Hammer Arrestor 1KLG-W6X1-D3C 56.46 RP1Mnt-Water Hammer-Arrestor,Hose 1Q9F-VTFQ-9ND 52.74 ISS-Flash Drives,Scissors,Sticky Notes,S 1X1V-GW46-FWF 201.07 RP5-Handbook-Open Channel Flow Measureme 1MLJ-7X7D-F1G 129.30	- - - - -
	AMAZON BUSINESS \$	1,100.05

Check	Payee / Description	Amount
	DISCOVERY BENEFITS INC	\$ 3,020.49
ACH	ESTRADA, JIMMIE J Reim Monthly Health Prem	HEALTH PREM 472.96
	ESTRADA, JIMMIE J	\$ 472.96
ACH	LICHTI, ALICE Reim Monthly Health Prem	HEALTH PREM 172.48
	LICHTI, ALICE	\$ 172.48
ACH	MORASSE, EDNA Reim Monthly Health Prem	HEALTH PREM 172.48
	MORASSE, EDNA	\$ 172.48
ACH	NOWAK, THEO T Reim Monthly Health Prem	HEALTH PREM 472.96
	NOWAK, THEO T	\$ 472.96
ACH	SONNENBURG, ILSE Reim Monthly Health Prem	HEALTH PREM 172.48
	SONNENBURG, ILSE	\$ 172.48
ACH	DYKSTRA, BETTY Reim Monthly Health Prem	HEALTH PREM 172.48
	DYKSTRA, BETTY	\$ 172.48
ACH	TORRES, ROBERT G Reim Monthly Health Prem	HEALTH PREM 172.48
	TORRES, ROBERT G	\$ 172.48
ACH	MUELLER, CAROLYN Reim Monthly Health Prem	HEALTH PREM 172.48
	MUELLER, CAROLYN	\$ 172.48
ACH	GRIFFIN, GEORGE Reim Monthly Health Prem	HEALTH PREM 172.48
	GRIFFIN, GEORGE	\$ 172.48
ACH	CANADA, ANGELA Reim Monthly Health Prem	HEALTH PREM 172.48
	CANADA, ANGELA	\$ 172.48
ACH	CUPERSMITH, LEIZAR Reim Monthly Health Prem	HEALTH PREM 172.48
	CUPERSMITH, LEIZAR	\$ 172.48
ACH	DELGADO-ORAMAS JR, JOSE Reim Monthly Health Prem	HEALTH PREM 300.48

Check	Payee / Description	Amount
	DELGADO-ORAMAS JR, JOSE	\$ 300.48
ACH	GRANGER, BRANDON Reim Monthly Health Prem	HEALTH PREM 150.24
	GRANGER, BRANDON	\$ 150.24
ACH	GADDY, CHARLES L Reim Monthly Health Prem	HEALTH PREM 150.24
	GADDY, CHARLES L	\$ 150.24
ACH	BAKER, CHRIS Reim Monthly Health Prem	HEALTH PREM 22.24
	BAKER, CHRIS	\$ 22.24
ACH	WEBB, DANNY C Reim Monthly Health Prem	HEALTH PREM 128.00
	WEBB, DANNY C	\$ 128.00
ACH	HUMPHREYS, DEBORAH E Reim Monthly Health Prem	HEALTH PREM 150.24
	HUMPHREYS, DEBORAH E	\$ 150.24
ACH	MOUAT, FREDERICK W Reim Monthly Health Prem	HEALTH PREM 150.24
	MOUAT, FREDERICK W	\$ 150.24
ACH	MORGAN, GARTH W Reim Monthly Health Prem	HEALTH PREM 128.00
	MORGAN, GARTH W	\$ 128.00
ACH	ALLINGHAM, JACK Reim Monthly Health Prem	HEALTH PREM 22.24
	ALLINGHAM, JACK	\$ 22.24
ACH	MAZUR, JOHN Reim Monthly Health Prem	HEALTH PREM 437.19
	MAZUR, JOHN	\$ 437.19
ACH	RUDDER, LARRY Reim Monthly Health Prem	HEALTH PREM 22.24
	RUDDER, LARRY	\$ 22.24
ACH	HAMILTON, MARIA Reim Monthly Health Prem	HEALTH PREM 128.00
	HAMILTON, MARIA	\$ 128.00
ACH	PICENO, TONY	

Check	Payee / Description	Amount
	Reim Monthly Health Prem	HEALTH PREM 172.48
	PICENO, TONY	\$ 172.48
ACH	RAMOS, CAROL Reim Monthly Health Prem	HEALTH PREM 22.24
	RAMOS, CAROL	\$ 22.24
ACH	FISHER, JAY Reim Monthly Health Prem	HEALTH PREM 128.00
	FISHER, JAY	\$ 128.00
ACH	KING, PATRICK Reim Monthly Health Prem	HEALTH PREM 22.24
	KING, PATRICK	\$ 22.24
ACH	HOWARD, ROBERT JAMES Reim Monthly Health Prem	HEALTH PREM 22.24
	HOWARD, ROBERT JAMES	\$ 22.24
ACH	DIETZ, JUDY Reim Monthly Health Prem	HEALTH PREM 128.00
	DIETZ, JUDY	\$ 128.00
ACH	DAVIS, GEORGE Reim Monthly Health Prem	HEALTH PREM 150.24
	DAVIS, GEORGE	\$ 150.24
ACH	MONZAVI, TAGHI Reim Monthly Health Prem	HEALTH PREM 22.24
	MONZAVI, TAGHI	\$ 22.24
ACH	PETERSEN, KENNETH Reim Monthly Health Prem	HEALTH PREM 172.48
	PETERSEN, KENNETH	\$ 172.48
ACH	TRAUTERMAN, HELEN Reim Monthly Health Prem	HEALTH PREM 172.48
	TRAUTERMAN, HELEN	\$ 172.48
ACH	TIEGS, KATHLEEN Reim Monthly Health Prem	HEALTH PREM 874.37
	TIEGS, KATHLEEN	\$ 874.37
ACH	DIGGS, GEORGE Reim Monthly Health Prem	HEALTH PREM 472.96
	DIGGS, GEORGE	\$ 472.96

Check	Payee / Description	Amount
ACH	HAYES, KENNETH Reim Monthly Health Prem	HEALTH PREM 472.96
	HAYES, KENNETH	\$ 472.96
ACH	HUNTON, STEVE Reim Monthly Health Prem	HEALTH PREM 150.24
	HUNTON, STEVE	\$ 150.24
ACH	RODRIGUEZ, LOUIS Reim Monthly Health Prem	HEALTH PREM 150.24
	RODRIGUEZ, LOUIS	\$ 150.24
ACH	VARBEL, VAN Reim Monthly Health Prem	HEALTH PREM 573.89
	VARBEL, VAN	\$ 573.89
ACH	CLIFTON, NEIL Reim Monthly Health Prem	HEALTH PREM 445.89
	CLIFTON, NEIL	\$ 445.89
ACH	DELGADO, FRANCOIS Reim Monthly Health Prem	HEALTH PREM 128.00
	DELGADO, FRANCOIS	\$ 128.00
ACH	WELLMAN, JOHN THOMAS Reim Monthly Health Prem	HEALTH PREM 573.89
	WELLMAN, JOHN THOMAS	\$ 573.89
ACH	SPEARS, SUSAN Reim Monthly Health Prem	HEALTH PREM 20.62
	SPEARS, SUSAN	\$ 20.62
ACH	TROXEL, WYATT Reim Monthly Health Prem	HEALTH PREM 172.48
	TROXEL, WYATT	\$ 172.48
ACH	CORLEY, WILLIAM Reim Monthly Health Prem	HEALTH PREM 437.19
	CORLEY, WILLIAM	\$ 437.19
ACH	CALLAHAN, CHARLES Reim Monthly Health Prem	HEALTH PREM 342.34
	CALLAHAN, CHARLES	\$ 342.34
ACH	LESNIAKOWSKI, NORBERT Reim Monthly Health Prem	HEALTH PREM 172.48
	LESNIAKOWSKI, NORBERT	\$ 172.48

Check	Payee / Description	Amount
ACH	VER STEEG, ALLEN J Reim Monthly Health Prem	HEALTH PREM 470.34
	VER STEEG, ALLEN J	\$ 470.34
ACH	HACKNEY, GARY Reim Monthly Health Prem	HEALTH PREM 437.19
	HACKNEY, GARY	\$ 437.19
ACH	CAREL, LARRY Reim Monthly Health Prem	HEALTH PREM 22.24
	CAREL, LARRY	\$ 22.24
ACH	TOL, HAROLD Reim Monthly Health Prem	HEALTH PREM 172.48
	TOL, HAROLD	\$ 172.48
ACH	BANKSTON, GARY Reim Monthly Health Prem	HEALTH PREM 471.54
	BANKSTON, GARY	\$ 471.54
ACH	ATWATER, RICHARD Reim Monthly Health Prem	HEALTH PREM 128.00
	ATWATER, RICHARD	\$ 128.00
ACH	FIESTA, PATRICIA Reim Monthly Health Prem	HEALTH PREM 450.01
	FIESTA, PATRICIA	\$ 450.01
ACH	DIGGS, JANET Reim Monthly Health Prem	HEALTH PREM 600.96
	DIGGS, JANET	\$ 600.96
ACH	CARAZA, TERESA Reim Monthly Health Prem	HEALTH PREM 158.95
	CARAZA, TERESA	\$ 158.95
ACH	ANDERSON, JOHN Reim Monthly Health Prem	HEALTH PREM 472.96
	ANDERSON, JOHN	\$ 472.96
ACH	SANTA CRUZ, JACQUELYN Reim Monthly Health Prem	HEALTH PREM 779.40
	SANTA CRUZ, JACQUELYN	\$ 779.40
ACH	HECK, ROSELYN Reim Monthly Health Prem	HEALTH PREM 22.24

Check	Payee / Description	Amount
	HECK, ROSELYN	\$ 22.24
ACH	SOPICKI, LEO Reim Monthly Health Prem	HEALTH PREM 300.48
	SOPICKI, LEO	\$ 300.48
ACH	HERNANDEZ, BENJAMIN Reim Monthly Health Prem	HEALTH PREM 322.01
	HERNANDEZ, BENJAMIN	\$ 322.01
ACH	GOSE, ROSEMARY Reim Monthly Health Prem	HEALTH PREM 128.00
	GOSE, ROSEMARY	\$ 128.00
ACH	KEHL, BARRETT Reim Monthly Health Prem	HEALTH PREM 128.00
	KEHL, BARRETT	\$ 128.00
ACH	RITCHIE, JANN Reim Monthly Health Prem	HEALTH PREM 128.00
	RITCHIE, JANN	\$ 128.00
ACH	LONG, ROCKWELL DEE Reim Monthly Health Prem	HEALTH PREM 445.89
	LONG, ROCKWELL DEE	\$ 445.89
ACH	FATTAHI, MIR Reim Monthly Health Prem	HEALTH PREM 128.00
	FATTAHI, MIR	\$ 128.00
ACH	VERGARA, FLORENTINO Reim Monthly Health Prem	HEALTH PREM 300.48
	VERGARA, FLORENTINO	\$ 300.48
ACH	WARMAN, RALPH Reim Monthly Health Prem	HEALTH PREM 172.48
	WARMAN, RALPH	\$ 172.48
ACH	ROGERS, SHIRLEY Reim Monthly Health Prem	HEALTH PREM 172.48
	ROGERS, SHIRLEY	\$ 172.48
ACH	WALL, DAVID Reim Monthly Health Prem	HEALTH PREM 286.95
	WALL, DAVID	\$ 286.95
ACH	CHUNG, MICHAEL Reim Monthly Health Prem	HEALTH PREM 150.24

Check	Payee / Description	Amount
	CHUNG, MICHAEL	\$ 150.24
ACH	ADAMS, PAMELA Reim Monthly Health Prem	HEALTH PREM 172.48
	ADAMS, PAMELA	\$ 172.48
ACH	BLASINGAME, MARY Reim Monthly Health Prem	HEALTH PREM 445.89
	BLASINGAME, MARY	\$ 445.89
ACH	ANDERSON, KENNETH Reim Monthly Health Prem	HEALTH PREM 150.24
	ANDERSON, KENNETH	\$ 150.24
ACH	MOE, JAMES Reim Monthly Health Prem	HEALTH PREM 22.24
	MOE, JAMES	\$ 22.24
ACH	POLACEK, KEVIN Reim Monthly Health Prem	HEALTH PREM 746.06
	POLACEK, KEVIN	\$ 746.06
ACH	ELROD, SONDR Reim Monthly Health Prem	HEALTH PREM 286.95
	ELROD, SONDR	\$ 286.95
ACH	FRAZIER, JACK Reim Monthly Health Prem	HEALTH PREM 171.77
	FRAZIER, JACK	\$ 171.77
ACH	HOAK, JAMES Reim Monthly Health Prem	HEALTH PREM 128.00
	HOAK, JAMES	\$ 128.00
ACH	DEZHAM, PARIVASH Reim Monthly Health Prem	HEALTH PREM 171.77
	DEZHAM, PARIVASH	\$ 171.77
ACH	FOLEY III, DANIEL J. Reim Monthly Health Prem	HEALTH PREM 158.95
	FOLEY III, DANIEL J.	\$ 158.95
ACH	CLEVELAND, JAMES Reim Monthly Health Prem	HEALTH PREM 128.00
	CLEVELAND, JAMES	\$ 128.00
ACH	LANGNER, CAMERON	

Check	Payee / Description		Amount
	Reim Monthly Health Prem	HEALTH PREM	605.39
	LANGNER, CAMERON	\$	605.39
ACH	HAMILTON, LEANNE Reim Monthly Health Prem	HEALTH PREM	158.95
	HAMILTON, LEANNE	\$	158.95
ACH	HOOSHMAND, RAY Reim Monthly Health Prem	HEALTH PREM	128.00
	HOOSHMAND, RAY	\$	128.00
ACH	SCHLAPKOHL, JACK Reim Monthly Health Prem	HEALTH PREM	128.00
	SCHLAPKOHL, JACK	\$	128.00
ACH	POOLE, PHILLIP Reim Monthly Health Prem	HEALTH PREM	158.95
	POOLE, PHILLIP	\$	158.95
ACH	ADAMS, BARBARA Reim Monthly Health Prem	HEALTH PREM	150.24
	ADAMS, BARBARA	\$	150.24
ACH	RUESCH, GENECE Reim Monthly Health Prem	HEALTH PREM	481.35
	RUESCH, GENECE	\$	481.35
ACH	VANDERPOOL, LARRY Reim Monthly Health Prem	HEALTH PREM	471.54
	VANDERPOOL, LARRY	\$	471.54
ACH	AMBROSE, JEFFREY Reim Monthly Health Prem	HEALTH PREM	573.89
	AMBROSE, JEFFREY	\$	573.89
ACH	MERRILL, DIANE Reim Monthly Health Prem	HEALTH PREM	286.95
	MERRILL, DIANE	\$	286.95
ACH	HOUSER, ROD Reim Monthly Health Prem	HEALTH PREM	620.58
	HOUSER, ROD	\$	620.58
ACH	RUSSO, VICKI Reim Monthly Health Prem	HEALTH PREM	158.95
	RUSSO, VICKI	\$	158.95

Check	Payee / Description	Amount
ACH	HUSS, KERRY Reim Monthly Health Prem	HEALTH PREM 445.89
	HUSS, KERRY	\$ 445.89
ACH	BINGHAM, GREGG Reim Monthly Health Prem	HEALTH PREM 618.06
	BINGHAM, GREGG	\$ 618.06
ACH	CHARLES, DAVID Reim Monthly Health Prem	HEALTH PREM 128.00
	CHARLES, DAVID	\$ 128.00
ACH	YEBOAH, ERNEST Reim Monthly Health Prem	HEALTH PREM 128.00
	YEBOAH, ERNEST	\$ 128.00
ACH	ALVARADO, ROSEMARY Reim Monthly Health Prem	HEALTH PREM 309.19
	ALVARADO, ROSEMARY	\$ 309.19
ACH	BARELA, GEORGE Reim Monthly Health Prem	HEALTH PREM 128.00
	BARELA, GEORGE	\$ 128.00
ACH	FETZER, ROBERT Reim Monthly Health Prem	HEALTH PREM 746.06
	FETZER, ROBERT	\$ 746.06
ACH	SPAETH, ERIC Reim Monthly Health Prem	HEALTH PREM 158.95
	SPAETH, ERIC	\$ 158.95
ACH	DAVIS, MARTHA Reim Monthly Health Prem	HEALTH PREM 158.95
	DAVIS, MARTHA	\$ 158.95
ACH	BRULE, CHRISTOPHER Reim Monthly Health Prem	HEALTH PREM 158.95
	BRULE, CHRISTOPHER	\$ 158.95
ACH	ROOS, JAMES Reim Monthly Health Prem	HEALTH PREM 445.89
	ROOS, JAMES	\$ 445.89
ACH	MULLANEY, JOHN Reim Monthly Health Prem	HEALTH PREM 286.95
	MULLANEY, JOHN	\$ 286.95

Check	Payee / Description		Amount
ACH	VALENZUELA, DANIEL Reim Monthly Health Prem	HEALTH PREM	445.89
	VALENZUELA, DANIEL	\$	445.89
ACH	PACE, BRIAN Reim Monthly Health Prem	HEALTH PREM	445.89
	PACE, BRIAN	\$	445.89
ACH	KING, JOSEPH Reim Monthly Health Prem	HEALTH PREM	128.00
	KING, JOSEPH	\$	128.00
ACH	VILLALOBOS, HECTOR Reim Monthly Health Prem	HEALTH PREM	158.95
	VILLALOBOS, HECTOR	\$	158.95
ACH	BAXTER, KATHLEEN Reim Monthly Health Prem	HEALTH PREM	286.95
	BAXTER, KATHLEEN	\$	286.95
ACH	PENMAN, DAVID Reim Monthly Health Prem	HEALTH PREM	445.89
	PENMAN, DAVID	\$	445.89
ACH	ANGIER, RICHARD Reim Monthly Health Prem	HEALTH PREM	445.89
	ANGIER, RICHARD	\$	445.89
ACH	HASCO OIL COMPANY, INC. RP5-Mobil SHC 630-1 Drum	0214332-IN	4,052.63
	HASCO OIL COMPANY, INC.	\$	4,052.63
ACH	NAPA GENUINE PARTS COMPANY Funnels	4584-238057	71.08
	Air Flow Sensor Cleaner,Blubs	4584-238190	24.11
	Air Filters	4584-238253	117.08
	NAPA GENUINE PARTS COMPANY	\$	212.27
ACH	SANTA ANA WATERSHED October 2017 Truck Discharge	9179	3,856.69
	September 2017 Truck Discharge	9170	34.15
	SANTA ANA WATERSHED	\$	3,890.84
ACH	INGERSOLL RAND COMPANY RP5-Hat Switch Kit	24141040	160.76
	RP5-Temperature Sensor Kit	24141581	406.90
	RP5-Solenoid Valve Kits	24153160	2,928.19

Check	Payee / Description		Amount
	INGERSOLL RAND COMPANY	\$	3,495.85
ACH	FLUID COMPONENTS INTERNATIONAL Flowmeter Insertion/Inspection	1114712	78,683.31
	FLUID COMPONENTS INTERNATIONAL\$		78,683.31
ACH	MCMASTER-CARR SUPPLY CO Expansion Joints, Pipe Fittings Cam and Groove Hose Coupling Aluminum Framing, Rail Fittings Pipe Fittings	49593181 50993666 50957465 49385453	482.01 531.58 406.68 62.29
	MCMASTER-CARR SUPPLY CO	\$	1,482.56
ACH	AGRICULTURAL RESOURCES 12/17 Wtr Quality Consult	12/17 WTR QLT	3,500.00
	AGRICULTURAL RESOURCES	\$	3,500.00
ACH	SAP PUBLIC SERVICES INC 11/17-12/17 SAP Business Suite Ltd Pro S 6065034925 SAP Business Suite Ltd Professional Lice 6065034924		1,087.17 29,650.00
	SAP PUBLIC SERVICES INC	\$	30,737.17
ACH	SIEMENS INDUSTRY INC Multi/Hydroranger Spare Lid Hydrorangers, Transducers	5601955538 5601992060	223.62 6,564.13
	SIEMENS INDUSTRY INC	\$	6,787.75
ACH	EVOQUA WATER TECHNOLOGIES LLC 7/1/17-9/30/2017 DI Tank Rental 10/1/17-12/31/2017 DI Tank Rental	903268218 903279735	104.25 104.25
	EVOQUA WATER TECHNOLOGIES LLC	\$	208.50
ACH	WEST COAST ADVISORS 11/17 Prof Svcs	10899	9,800.00
	WEST COAST ADVISORS	\$	9,800.00
ACH	JC LAW FIRM 10/17 IEUA vs Mwembu	00359	630.00
	JC LAW FIRM	\$	630.00
ACH	SHELL ENERGY NORTH AMERICA LP RP1-10/1-10/31 2450 Phila St 7/1-7/31 Ad 2042 10/17 RP2/RP5-10/1-10/31 16400 El Prado Rd 7/1 2044 10/17 CCWRP/TP/RWP-10/1-10/31 14950 Tlphn 7/1- 2046 10/17		129,921.69 8,210.09 46,628.81
	SHELL ENERGY NORTH AMERICA LP	\$	184,760.59

Grand Total Payment Amount: \$ 6,026,455.74

Attachment 4

Vendor Wires
(excludes Payroll)

	Check Payee / Description		Amount
Wire	STATE BOARD OF EQUALIZATION 10/17 Sales Tax Deposit	23784561 10/1	7,477.00
	STATE BOARD OF EQUALIZATION	\$	7,477.00
Wire	EMPLOYMENT DEVELOPMENT DEPARTM P/R 23 11/10/17 Taxes	HR 0062500	7,756.55
	P/R 23 11/10/17 Taxes	HR 0062500	53,165.52
	EMPLOYMENT DEVELOPMENT DEPARTM\$		60,922.07
Wire	EMPLOYMENT DEVELOPMENT DEPARTM P/R Dir 10 11/10/17 Taxes	HR 0062100	384.49
	EMPLOYMENT DEVELOPMENT DEPARTM\$		384.49
Wire	PUBLIC EMPLOYEE'S RETIREMENT S P/R 23 11/10/17 Deferred Comp Ded	HR 0062500	17,473.47
	PUBLIC EMPLOYEE'S RETIREMENT S\$		17,473.47
Wire	INTERNAL REVENUE SERVICE P/R Dir 10 11/10/17 Taxes	HR 0062100	2,449.76
	INTERNAL REVENUE SERVICE	\$	2,449.76
Wire	INTERNAL REVENUE SERVICE P/R 23 11/10/17 Taxes	HR 0062500	302,263.06
	INTERNAL REVENUE SERVICE	\$	302,263.06
Wire	STATE DISBURSEMENT UNIT P/R 23 11/10 /17	HR 0062500	198.00
	P/R 23 11/10 /17	HR 0062500	1,145.06
	STATE DISBURSEMENT UNIT	\$	1,343.06
Wire	EMPLOYMENT DEVELOPMENT DEPARTM	HR 0062700	54,432.77
		HR 0062700	7,507.59
	EMPLOYMENT DEVELOPMENT DEPARTM\$		61,940.36
Wire	PUBLIC EMPLOYEE'S RETIREMENT S P/R 24 11/22/17 Deferred Comp Ded	HR 0062700	16,875.91
	PUBLIC EMPLOYEE'S RETIREMENT S\$		16,875.91
Wire	INTERNAL REVENUE SERVICE	HR 0062700	300,049.03
	INTERNAL REVENUE SERVICE	\$	300,049.03
Wire	STATE DISBURSEMENT UNIT P/R 24 11/22/17	HR 0062700	1,145.06
		HR 0062700	198.00
	STATE DISBURSEMENT UNIT	\$	1,343.06

Check	Payee / Description	Amount
Wire	PUBLIC EMPLOYEES RETIREMENT SY P/R 23 11/10/17 PERS Adj HR 0062500000 131.92- P/R 23 11/10/17 PERS HR 0062500 168,664.15 ----- PUBLIC EMPLOYEES RETIREMENT SY\$ 168,532.23	
Wire	PUBLIC EMPLOYEES' RETIREMENT S 11/17 Health Ins-Board 15096780 11/1 5,414.96 11/17 Health Ins-Retirees, Employees 15096774 11/1 256,334.58 ----- PUBLIC EMPLOYEES' RETIREMENT S\$ 261,749.54	
Wire	PUBLIC EMPLOYEES RETIREMENT SY P/R 22 10/27/17 PERS Adj-Incorrect Rate HR 00611000 507.95- P/R 22 10/27 PERS HR 0061100 170,376.29 ----- PUBLIC EMPLOYEES RETIREMENT SY\$ 169,868.34	
Wire	PUBLIC EMPLOYEES RETIREMENT SY P/R 24 11/22/17 PERS Adj-Incorrect Rate HR 00627000 33.16 P/R 24 11/22/17 PERS HR 0062700 168,835.29 ----- PUBLIC EMPLOYEES RETIREMENT SY\$ 168,868.45	
Wire	METROPOLITAN WATER DISTRICT September 2017 Water Purchase 9147 3,559,779.06 ----- METROPOLITAN WATER DISTRICT \$ 3,559,779.06	
Wire	SUMITOMO MITSUI BANKING CORP 08B 7/1/17-9/30/17 LOC Fees NY-091282 083 42,743.62 ----- SUMITOMO MITSUI BANKING CORP \$ 42,743.62	

Grand Total Payment Amount: \$ 5,144,062.51

Attachment 5

Payroll-Net Pay-Directors

INLAND EMPIRE UTILITIES AGENCY

RATIFICATION OF BOARD OF DIRECTORS

PAYROLL FOR NOVEMBER 10, 2017
PRESENTED AT BOARD MEETING ON JANUARY 17, 2018

DIRECTOR NAME	GROSS PAYROLL	NET PAYROLL
MICHAEL CAMACHO	\$4,156.54	\$1,579.66
STEVEN J. ELIE	\$4,278.22	\$1,323.89
JASMIN HALL	\$2,699.92	\$1,660.66
KATHERINE PARKER	\$2,991.79	\$1,230.56
TOTALS	\$14,126.47	\$5,794.77

TOTAL EFTS PROCESSED	3
BEGINNING CHECK NO.	110013
ENDING CHECK NO.	110013
TOTAL CHECKS PROCESSED	1

Attendance

Oct 2017	Camacho (1140)			Elie (1175)			Hall (1256)			Hofer (1349)		Parker (1362)		
	Paid	Paid	Unpaid	Paid	Paid	Unpaid	Paid	Paid	Unpaid	Unpaid	Paid	Paid	Unpaid	Paid
1	\$247.50	\$47.50	\$0.00	\$247.50	\$47.50	\$0.00	\$247.50	\$47.50	\$0.00	\$0.00	\$247.50	\$47.50	\$0.00	\$97.50
2	1													
3				1				1				1		
4				1							1			
5	1					1	1							
6	1										1			
7														
8														
9	1													
10	1						1		1					
11	1			1		1	1			2	1		1	
12				1			1		2					
13						3								
14														
15														
16							1							
17				1				1						
18	1			1			1			1	1		1	
19							1							1
20											1			
21														
22														
23	1						1							
24				1										1
25														
26						2								
27	1										1			
28														
29														
30	1			1										
31				1					1					
	10	0	0	9	0	7	8	2	4	4	5	2	3	0
	\$2,475.00	\$0.00	\$0.00	\$2,227.50	\$0.00	\$0.00	\$1,980.00	\$95.00	\$0.00	\$0.00	\$1,237.50	\$95.00	\$0.00	\$0.00
	Total	\$2,475.00		Total	\$2,227.50		Total	\$2,075.00		\$0.00	Total	\$1,332.50		
Paid	10			9			10				7			
Not Paid	0			7			4			4	3			
Total Mtgs	10			16			14			4	10			

**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE
ON REGIONAL POLICY COMMITTEE (ALTERNATE)**

MICHAEL CAMACHO
EMPLOYEE NO. 1140
ACCOUNT NO. 10900 110100 500000 501215

OCTOBER 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
10-05-17	Regional Policy Committee Meeting.	No	\$-0-
TOTAL REIMBURSEMENT Up to 10 days of service per month per Ordinance No. 105 (total amount of \$247.50, should reflect on timesheet)			\$-0-
Total No. of Meetings Attended			0
Total No. of Meetings Paid			0

**DIRECTOR
SIGNATURE**

Up to 10 days of service per month per Ordinance No. 105 (total amount of \$247.50, should reflect on timesheet)
Michael Camacho

Approved by:

Steven J. Elie

Steven J. Elie
President, Board of Directors

IEUA DIRECTOR PAYSHEET

MICHAEL CAMACHO
 EMPLOYEE NO. 1140
 ACCOUNT NO. 10200 110100 100000 501010

OCTOBER 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
10-04-17	IEUA Board Workshop	No (cancelled)	\$-0-
10-06-17	Conference Call w/Jt. Caucus re: Water Fix	Yes	\$247.50
10-11-17	SCWC Stormwater Workshop	Yes	\$247.50
10-18-17	IEUA Board Meeting	Yes	\$247.50
10-23-17	Mtg. w/O Gonzales (CVWD) to discuss agency business	Yes	\$247.50
10-27-17	Meeting w/B Bowcock re: update on IEUA grant funding	Yes	\$247.50
TOTAL REIMBURSEMENT (Up to 10 days of service per month per Ordinance No. 105, including MWD meetings)			\$1,237.50
Total No. of Meetings Attended			5
Total No. of Meetings Paid			5

DIRECTOR
SIGNATURE

Michael Camacho
Director Michael Camacho

Approved by:

Steven J. Elie
 Steven J. Elie
 President, Board of Directors

**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE
ON MWD BOARD**

MICHAEL CAMACHO
EMPLOYEE NO. 1140
ACCOUNT NO. 10700 110115 110000 511010

OCTOBER 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
10-02-17	MWD OP&T issue meeting w/PHS Group, R Jauergui	Yes	\$247.50
10-05-17	MWD Meeting w/Governor Brown to discuss Water Fix	Yes	\$247.50
10-09-17	MWD Standing Committee	Yes	\$247.50
10-10-17	MWD Standing Committee Meetings and Board Meeting	Yes	\$247.50
10-24-17	MWD Other Committee Meetings	No	\$-0-
10-30-17	MWD OP&T issue follow-up meeting w/PHS Group, R Jauergui	Yes	\$247.50
TOTAL REIMBURSEMENT (Up to 10 days of service per month per Ordinance No. 105, including MWD meetings)			\$1,237.50
Total No. of Meetings Attended			5
Total No. of Meetings Paid			5

DIRECTOR
SIGNATURE

[Handwritten signature of Michael Camacho]

[Handwritten signature of Steven J. Elie]

Approved by:

Steven J. Elie
President, Board of Directors

IEUA DIRECTOR PAYSHEET

STEVEN J. ELIE
 EMPLOYEE NO. 1175
 ACCOUNT NO. 10200 110100 100000 501010

OCTOBER 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
10-03-17	WaterNow Steering Committee telecon	Yes	\$247.50
10-04-17	IEUA Board Mtg. & Workshop	No (cancelled)	\$-0-
10-04-17	Chino Valley State of the Fire District	Yes	\$247.50
10-05-17	Mtg. w/IEUA GM H. Razak re: Agency business	Yes (staff)	\$-0-
10-11-17	IEUA Community & Leg. Committee	Yes	\$247.50
10-11-17	IEUA Finance & Admin. Committee	Yes (same day)	\$-0-
10-12-17	Mtg. with Chino Mayor E. Ulloa re: City and IEUA business	Yes	\$247.50
10-13-17	SCWC Executive Meeting Telecon	Yes (declined compensation)	\$-0-
10-13-17	IEUA Board Agenda review mtg. w/GM Grindstaff and JC	Yes (declined compensation)	\$-0-
10-17-17	WaterNow Alliance Steering Committee telecon	Yes	\$247.50
10-18-17	IEUA Board meeting	Yes	\$247.50
10-24-17	NWRI Operations Mtg. telecon	Yes	\$247.50
10-26-17	SCWC Annual Dinner Meeting	Yes (declined compensation)	\$-0-
10-30-17	RP-5 & Tesla Battery Tour for Councilmembers P Rodriguez & G George	Yes	\$247.50
10-31-17	Stakeholder Kickoff Mtg. for Chino Basin Water Bank	Yes	\$247.50
TOTAL REIMBURSEMENT (Up to 10 days of service per month per Ordinance No. 105)			\$2,227.50
Total No. of Meetings Attended			14
Total No. of Meetings Paid			9

DIRECTOR
SIGNATURE

Upul Doodhly for President Elie

Approved by:

Jasmin Hall

 Jasmin Hall
 Secretary/Treasurer

**DIRECTOR PAYSHEET FOR IEUA
ON WATERMASTER BOARD**

STEVEN J. ELIE
EMPLOYEE NO. 1175
ACCOUNT NO. 10200 110100 100000 501010

OCTOBER 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
10-13-17	Special CBWM Board Meeting	Yes*	\$-0-
10-26-17	CBWM Board Meeting	Yes*	\$-0-
TOTAL REIMBURSEMENT			\$-0-
Up to 10 days of service per month per Ordinance No. 105 (i.e., \$122.50 – difference between Watermaster \$125.00 and Agency meetings \$247.50), including District meetings			
Total No. of Watermaster Meetings Attended			2
Total No. of Watermaster Meetings Paid			0

***Decline IEUA portion**

DIRECTOR SIGNATURE *Steven J. Elie*

Approved by: *Jasmin Hall*
Jasmin Hall
Secretary/Treasurer

**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE
ON CHINO DESALTER AUTHORITY (ALTERNATE)**

STEVEN J. ELIE
EMPLOYEE NO. 1175
ACCOUNT NO. 10200 110100 100000 501010

OCTOBER 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
10-5-17	CDA Board Meeting	No	\$-0-
TOTAL REIMBURSEMENT			\$-0-
Up to 10 days of service per month per Ordinance No. 105 (i.e., \$75.00 – difference between CDA (\$150.00 And Agency meetings \$247.50), including Agency meetings			
Total No. of CDA Meetings Attended			0
Total No. of CDA Meetings Paid			0

DIRECTOR SIGNATURE *Stephen J. Elie*

Approved by: *Jasmin Hall*
Jasmin Hall
Secretary/Treasurer

IEUA DIRECTOR PAYSHEET

JASMIN A. HALL
 EMPLOYEE NO. 1256
 ACCOUNT NO. 10200 110100 100000 501010

OCTOBER 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
10-04-17	IEUA Board Meeting	No (cancelled)	\$-0-
10-10-17	IEUA/Fontana Business Activity Update w/Councilmember Armendarez	Yes	\$247.50
10-10-17	Mtg. w/ Wilson To re: iPad	Yes (staff)	\$-0-
10-11-17	State Senator C Leyva Mobile Home Town Hall Meeting	Yes	\$247.50
10-12-17	Three Valley MWD Leadership Breakfast	Yes	\$247.50
10-12-17	Recharge Basin Tour w/Staff	Yes (staff)	\$-0-
10-12-17	BIA Baldy View Elected Officials Reception	Yes (same day)	\$-0-
10-16-17	ASBCSD Dinner Meeting	Yes	\$247.50
10-18-17	IEUA Board Meeting	Yes	\$247.50
10-19-17	CASA Joint Climate Change & Energy Workshop Meeting telecon	Yes	\$247.50
10-23-17	CASA Board Meeting telecon	Yes	\$247.50
TOTAL REIMBURSEMENT (Up to 10 days of service per month per Ordinance No. 105)			\$1,732.50
Total No. of Meetings Attended			10
Total No. of Meetings Paid			7

DIRECTOR
SIGNATURE

*Opal Woodruff for
Director Jasmin Hall*

Approved by:

[Signature]
Steven J. Elie, President, Board of Directors

**DIRECTOR PAYSHEET FOR IEUA
ON SAWPA COMMISSION**

JASMIN A. HALL
EMPLOYEE NO. 1256
ACCOUNT NO. 10500 110100 165000 501010

OCTOBER 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
10-03-17	SAWPA Commission Workshop	Yes	\$47.50
10-17-17	SAWPA Reg. Commission Meeting	Yes	\$47.50
10-31-17	Lunch Mtg. w/R Haller re OWOW Steering Committee	Yes (10 mtg.max)	\$-0-
TOTAL REIMBURSEMENT Up to 10 days of service per month per Ordinance No. 105 (i.e., \$47.50 – difference between SAWPA (\$200.00 (eff. 5/01/17) and Agency meetings \$247.50), including Agency meetings			\$95.00
Total No. of SAWPA Meetings Attended			3
Total No. of SAWPA Meetings Paid			2

DIRECTOR SIGNATURE *Agnes Woodruff for Director Jasmin Hall*

Approved by: *[Signature]*
Steven J. Elie
President, Board of Directors

**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE
ON CHINO DESALTER AUTHORITY**

JASMIN A. HALL
 EMPLOYEE NO. 1256
 ACCOUNT NO. 10200 110100 100000 501010

OCTOBER 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
10-05-17	CDA Board Meeting	Yes	\$247.50
TOTAL REIMBURSEMENT			\$247.50
Up to 10 days of service per month per Ordinance No. 105 (\$247.50 excludes alternate) including Agency meetings			
Total No. of CDA Meetings Attended			1
Total No. of CDA Meetings Paid			1

DIRECTOR SIGNATURE *Opal Woodruff for Jasmin Hall*

Approved by: *[Signature]*
 Steven J. Elie
 President, Board of Directors

*Chino Desalter Authority will pay \$150.00 per meeting directly to the Agency.

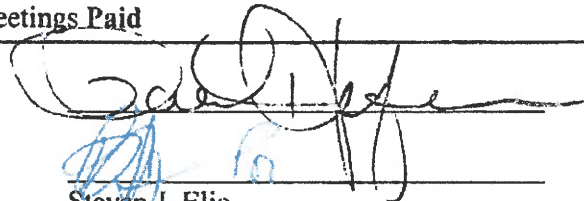
IEUA DIRECTOR PAYSHEET

PAUL HOFER
 EMPLOYEE NO. 1349
 ACCOUNT NO. 10200 110100 100000 501010

OCTOBER 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
10-04-17	IEUA Board Meeting	No (cancelled)	\$-0-
10-11-17	IEUA Engineering, Operations, & Water Committee	Yes	\$-0-
10-11-17	IEUA Finance and Administration Committee	Yes (same day)	\$-0-
10-18-17	IEUA Board Meeting	Yes	\$-0-
TOTAL REIMBURSEMENT (Up to 10 days of service per month per Ordinance No. 83)			\$-0-
Total No. of Meetings Attended			4
Total No. of Meetings Paid			0

DIRECTOR
SIGNATURE



Approved by:


 Steven J. Elie
 President, Board of Directors

Director Hofer has waived all stipend payments.

IEUA DIRECTOR PAYSHEET

KATI PARKER
 EMPLOYEE NO. 1362
 ACCOUNT NO. 10200 1100100 100000 501010

OCTOBER 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
10-04-17	IEUA Board Meeting	No (cancelled)	\$-0-
10-11-17	IEUA Community & Legislative Affairs Committee Meeting	Yes	\$247.50
10-11-17	Engineering, Operations & Water Resources Committee	Yes (same day)	\$-0-
10-18-17	Facilitator for Regional Contract Briefing Meeting	Yes (same day)	\$-0-
10-18-17	IEUA Board Meeting	Yes	\$247.50
10-19-17	Facilitator Interview for Regional Contract	Yes	\$247.50
10-24-17	Lunch Mtg. w/CBWCD Executive Director S Sentes re: Agency & CBWCD business	Yes (decline compensation)	\$-0-
TOTAL REIMBURSEMENT Up to 10 days of service per month per Ordinance No. 105			\$742.50
Total No. of Meetings Attended			6
Total No. of Meetings Paid			3

DIRECTOR SIGNATURE  _____

Approved by:  _____
 Steven J. Elie
 President, Board of Directors

**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE
ON REGIONAL POLICY COMMITTEE**

KATI PARKER
EMPLOYEE NO. 1362
ACCOUNT NO. 10900 110100 500000 501215

OCTOBER 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
10-05-17	Regional Policy Committee Meeting	Yes	\$247.50
TOTAL REIMBURSEMENT			
Up to 10 days of service per month per Ordinance No. 105 (total amount of \$247.50, should reflect on timesheet)			\$247.50
Total No. of Meetings Attended			1
Total No. of Meetings Paid			1

**DIRECTOR
SIGNATURE**



Approved by:



Steven J. Elie
President, Board of Directors


DIRECTOR PAYSHEET FOR IEUA
ON SAWPA COMMISSION (ALTERNATE)

KATI PARKER
EMPLOYEE NO. 1362
ACCOUNT NO. 10500 110100 165000 501010

OCTOBER 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
10-03-17	SAWPA Commission Workshop	Yes	\$47.50
10-17-17	SAWPA Regular Commission Meeting	Yes	\$47.50
TOTAL REIMBURSEMENT			\$95.00
Up to 10 days of service per month per Ordinance No. 105 (i.e., \$47.50 – difference between SAWPA (\$200.00 (eff. 5/01/17) and Agency meetings \$247.50), including Agency meetings			
Total No. of SAWPA Meetings Attended			2
Total No. of SAWPA Meetings Paid			2

DIRECTOR SIGNATURE 

Approved by: 
Steven J. Elie
President, Board of Directors


**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE
ON WATERMASTER BOARD (ALTERNATE)**

KATI PARKER
EMPLOYEE NO. 1362
ACCOUNT NO. 10200 110100 100000 501010

OCTOBER 2017

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
10-26-17	CBWM Board Meeting	Yes (alternate)	\$247.50
TOTAL REIMBURSEMENT Up to 10 days of service per month per Ordinance No. 105 (i.e., \$97.50 – difference between Watermaster \$125.00 and Agency meetings \$247.50), including Agency meetings			\$247.50
Total No. of Watermaster Meetings Attended			1
Total No. of Watermaster Meetings Paid			1

DIRECTOR
SIGNATURE 

Approved by: 
Steven J. Elie
President, Board of Directors

- * Chino Basin Watermaster does not compensate an alternate Director unless the alternate Director is attending on behalf of an absent primary Director. In accordance to Ordinance No. 98, Section 1, (i) Attendance at any meeting provided for under Sections 1.b, c, e, and f, shall also include payment to both the primary representative and the alternate representative to said body if they both attend said meeting.

Attachment 6

Payroll-Net Pay-Employees

Non-Board Member	Checks	EFTs	Checks	EFTs	September
NET PAY to Employees	\$0.00	\$718,648.02	\$0.00	\$736,826.42	\$1,455,474.44

INLAND EMPIRE UTILITIES AGENCY

PAYROLL FOR NOVEMBER 10, 2017

PRESENTED AT BOARD MEETING ON JANUARY 17, 2018

GROSS PAYROLL COSTS	\$1,292,344.54
DEDUCTIONS	\$573,696.52
NET PAYROLL	\$718,648.02
CHECKS USED	0
TOTAL CHECKS PROCESSED	0
PAYROLL DIRECT DEPOSIT PROCESSED	360
TOTAL PAYROLL PROCESSED	360

INLAND EMPIRE UTILITIES AGENCY

PAYROLL FOR NOVEMBER 22, 2017

PRESENTED AT BOARD MEETING ON JANUARY 17, 2018

GROSS PAYROLL COSTS	\$1,310,398.20
DEDUCTIONS	\$573,571.78
NET PAYROLL	\$736,826.42
CHECKS USED	0
TOTAL CHECKS PROCESSED	0
PAYROLL DIRECT DEPOSIT PROCESSED	362
TOTAL PAYROLL PROCESSED	362

**CONSENT
CALENDAR
ITEM**

1C

Date: January 17, 2018

To: The Honorable Board of Directors

From: Halla Razak, General Manager *HR*

Committee: Community & Legislative Affairs

01/10/18

Executive Contact: Kathy Besser, Executive Manager of Ext. Aff. & Policy Dev./AGM

Subject: Fiscal Year 2018/19 Legislative Policy Principles

Executive Summary:

Each year, the IEUA Board of Directors (Board) adopts Federal and State legislative priorities for the following year. The legislative priorities provide IEUA staff with guidelines in making position recommendations to the Community and Legislative Affairs Committee and the Board. Currently, positions on pending legislation must be taken before the Community and Legislative Affairs Committee and the Board for approval before any formal position can be taken on behalf of IEUA. As legislation can at times be fast moving, staff is looking to improve the efficiency and effectiveness of this process for the upcoming year with the development of legislative policy principles. The attached legislative policy principles are consistent with the current mission and business goals of the Agency, and are tailored to fit relevant issues that may be faced during the 2018 legislative year.

Staff's Recommendation:

Staff recommends that the Board approve the legislative policy principles for fiscal year 2018/19.

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

Account/Project Name:

Not Applicable

Fiscal Impact (explain if not budgeted):

Not Applicable

Prior Board Action:

Not Applicable

Environmental Determination:

Not Applicable

Business Goal:

Approving legislative policy principles is in line with IEUA's business practices goal of advocating for development of policies, legislation and regulations that benefit the region.

Attachments:

Attachment 1 - IEUA Proposed Policy Principles

IEUA Proposed Legislative Policy Principles

Water-Use Efficiency Planning

- Support administrative and legislative action to identify and promote the use of salt-less water softening technology. Oppose any efforts to endorse salt-based technologies.
- Support administrative and legislative actions that protect, respond and plan for drought conditions while maintaining the necessary environmental protections.
- Support administrative and legislative actions on water-use efficiency that create and/or improve regulations and mandates recognizing the variations among the different communities, regions and counties with respect to their capability of withstanding the impacts of drought.
- Support administrative and legislative actions related to the Brown Administration's water conservation framework in developing effective actions to prepare for droughts, reduce the region's dependence on imported water and promote integrated water management to meet the State's water infrastructure needs.
- Support administrative and legislative actions that promote and/or improve water quality from various constituents including salinity, perchlorates, nitrate and volatile organic compounds.

Regulations/Compliance

- Support administrative and legislative actions for environmental compliance (e.g., air, water, hazardous materials and waste) that provide for regulatory compliance flexibility, promote consistency and reduce regulatory duplication.
- Support administrative/legislative actions to improve clarity and workability of California Environmental Quality Act (CEQA), and eliminate other duplicative state processes.

Energy

- Promote water-energy nexus administrative/legislative and/or regulatory activities that preserve IEUA's ability to pursue supply options and oppose constraints on supply development.
- Support administrative and legislative actions that remove barriers and encourage energy sector investments in water conservation and energy management programs.
- Support legislation and other programs that would increase the value of the Renewable Energy Credits (RECs) generated and sold by wastewater treatment agencies that utilize their renewable energy on-site in California.
- Support legislation and other programs that would facilitate self-generation projects interconnection to the electric grid by reducing interconnection costs, metering requirements, project review process and timeline.
- Support administrative and legislative actions that encourage renewable energy through organics management, including landfill diversion.

Financial

- Oppose removal of tax exempt status for municipal debt.
- Support measures to reduce the cost of financing water infrastructure projects.
- Support additional federal funding of Title XVI grant program and for the federal EPA/State Revolving Loan program.

- Support funding and incentive programs to promote water use efficiency, including EPA's *WaterSense* program, education programs and tax exemptions incentives.
- Support funding programs that increase renewable generation, strengthen local grids and energy reliance.
- Support federal funding for drought relief in California and reasonable reform of the Endangered Species Act (ESA).
- Advocate that funding be disbursed through competitive programs to ensure a fair and equitable financing process for the public.

**CONSENT
CALENDAR
ITEM**

1D

Date: January 17, 2018

To: The Honorable Board of Directors

From: Halla Razak, General Manager

Committee: Engineering, Operations & Water Resources

HR
01/10/18

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

Subject: Recycled Water System Cathodic Protection Consultant Contract Award

Executive Summary:

The recycled water (RW) distribution system is comprised of a 76-mile pipeline network within the IEUA service area. Some pipelines were constructed as early as 1977 with other segments as recent as 2017. Seventeen miles of the pipeline network does not have corrosion monitoring. Nineteen miles of the pipeline network requires an evaluation of the existing corrosion monitoring test stations. A partial evaluation of the corrosion monitoring test stations was completed in 2014. This project is intended to evaluate the corrosion monitoring test stations along the majority of the remaining pipeline and measure the soil corrosiveness along the pipeline network that does not have corrosion monitoring test stations. The consultant will be required to identify areas of corrosive soil and recommend whether additional engineering controls are required to prolong the life of the pipelines.

On November 28, 2017, IEUA received two consultant proposals which were evaluated by an internal selection committee to determine which proposal offered the best value. Staff determined that Corrpro Companies Inc., provided the best value for this project due to their technical experience and approach. Corrpro's fee proposal of \$198,900 is within the project budget and was determined to be comprehensive and reasonable.

Staff's Recommendation:

1. Award an engineering consultant services contract for the RW System Cathodic Protection Improvements, Project No. EN17080, to Corrpro Companies Inc., for a not-to-exceed amount of \$198,900; 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:

EN17080/RW System Cathodic Protection Improvements

Fiscal Impact (explain if not budgeted):

None.

Prior Board Action:

None.

Environmental Determination:

Categorical Exemption

CEQA identifies certain categories of projects as exempt from more detailed environmental review because these categories have been deemed to have no potential for significant impact on the environment. This project qualifies for a Categorical Exemption Class 6 as defined in Section 15306 of the State CEQA Guidelines.

Business Goal:

The RW System Cathodic Improvements Project is consistent with IEUA's Business Goal of Water Reliability, specifically the Water Supplies objective that IEUA will support the region with the development of reliable, resilient, and sustainable water supplies from diverse sources.

Attachments:

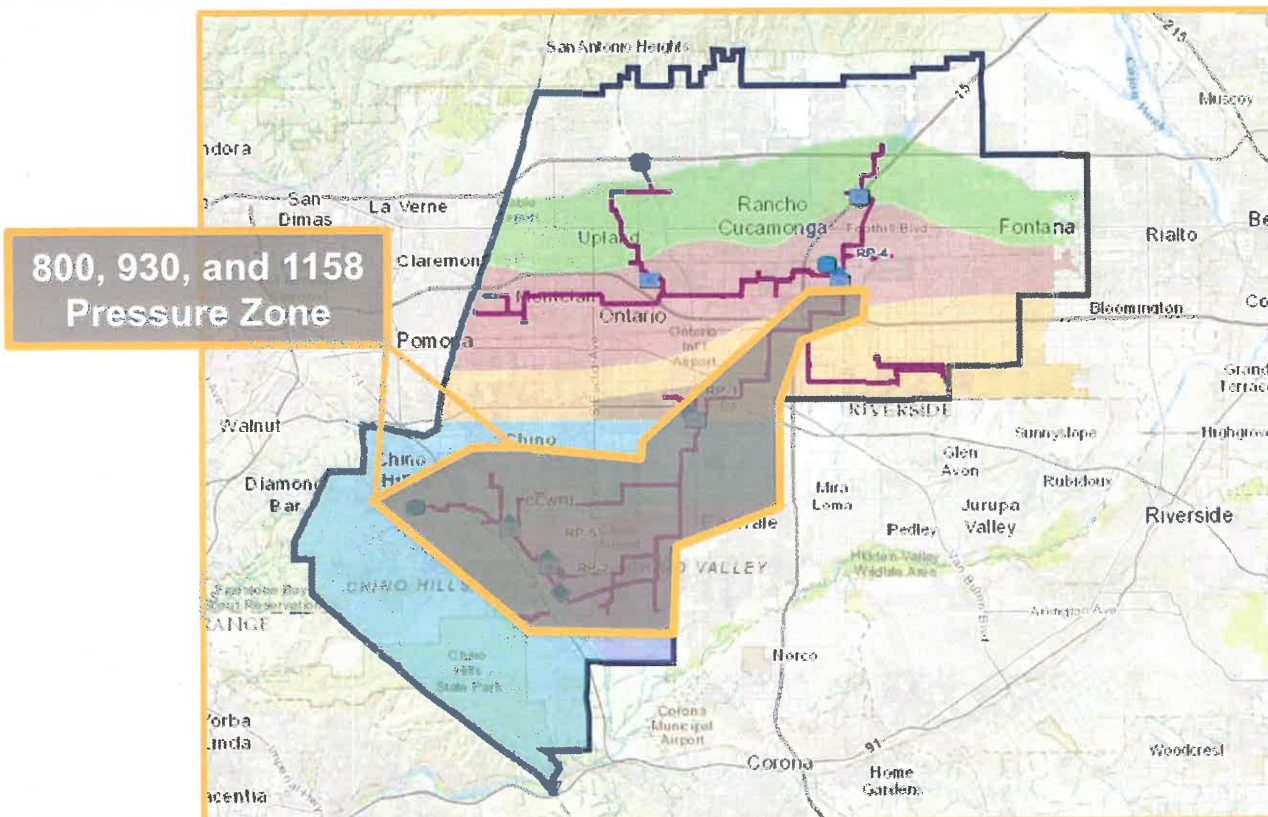
Attachment 1 - PowerPoint

Attachment 2 - Consultant Contract

RW System Cathodic Protection Consultant Contract Award Project No. EN17080

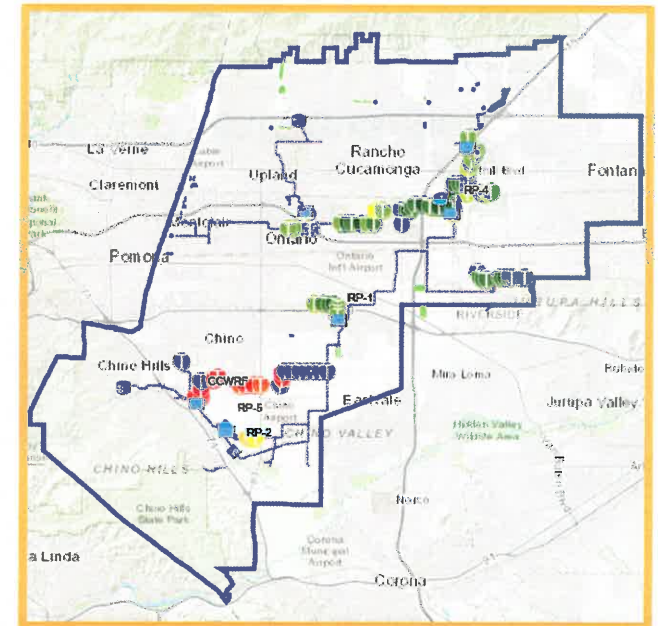


Project Location



The Project

- 76-miles of 10-inch to 72-inch pipelines constructed between 1977 and 2017
- Performed corrosion monitoring test station evaluation and measurement along 27-miles of pipeline in 2014
- 17-miles of pipeline without protection or corrosion monitoring
- 19-miles of pipeline require an evaluation of the corrosion monitoring stations



2014 RW Pipeline Test Station Survey

Consultant Selection

- Request for Proposals issued on October 25, 2017
- Two proposals received on November 28, 2017

Proposals Received
Corrpro Companies Inc.
HDR Inc.

- Evaluation and Selection Committee
 - Engineering and Construction Management, Operations and Maintenance, and Contracts and Procurement
 - Invitation sent to the Cities of Chino, Chino Hills, and Ontario
- Unanimously selected Corrpro Companies Inc.
 - Comprehensive scope of work, project team experience, reputation with performing work, and project approach including innovative alternatives

Project Budget and Schedule

Description	Estimated Cost
Design Services	\$471,345
Project Evaluation Contract (this item/NTE)	\$198,900
Consultant Design Contract (estimate)	\$250,000
IEUA Design Services (5%)	\$22,445
Construction Services	\$225,000
Design Consultant Construction Services (4%)	\$100,000
IEUA Construction Services (5%)	\$125,000
Construction	\$2,750,000
Construction (estimate)	\$2,500,000
Contingency (10%)	\$250,000
Total Project Cost:	\$3,446,345
Total Project Budget:	\$3,510,000
Remaining Budget:	\$63,655

Project Milestone	Date
Design	
Project Evaluation Contract Award	January 2018
Tech Memo Completion	June 2018
Consultant Design Contract Award	TBD
Design Completion	TBD
Construction	
Construction Contract Award	TBD
Construction Completion	TBD

Recommendation

- Award an engineering consultant services contract for the RW System Cathodic Protection Improvements, Project No. EN17080, to Corpro Companies Inc., for a not-to-exceed amount of \$198,900; and
- Authorize the General Manager to execute the contract subject to non-substantive changes.

The RW System Cathodic Improvements Project is consistent with **IEUA's Business Goal of Water Reliability** specifically the Water Supplies objective that IEUA will support the region with the development of reliable, resilient, and sustainable water supplies from diverse sources.



CONTRACT NUMBER: 4600002464
FOR
CORROSION ASSESSMENT SERVICES
OF
RECYCLED WATER CATHODIC PROTECTION IMPROVEMENTS
SOIL ANALYSIS SURVEY PROJECT NO. EN17080

THIS CONTRACT (the "Contract"), is made and entered into this day of January, 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 Corpro Companies, Inc., an Aegion Company, with offices located in Santa Fe Springs, California (hereinafter referred to as "Consultant"), for professional soil analysis and pipe-to-soil potential survey on the recycled water distribution pipelines in support of Project EN17080.

NOW, THEREFORE, in consideration of the mutual promises and obligations set forth herein, the parties agree as follows:

1. AGENCY PROJECT MANAGER ASSIGNMENT: All technical direction related to this Contract shall come from the designated Project Manager. Details of the Agency's assignment are listed below.

Project Manager: Travis Sprague
Senior Associate Engineer
Address: 6075 Kimball Avenue, Bldg. "B"
Chino, California 91708
Telephone: (909) 993-1942
Facsimile: (909) 993-1982
Email: tsprague@ieua.org

2. CONSULTANT ASSIGNMENT: Special inquiries related to this Contract and the effects of this Contract shall be referred to the following:

Consultant: Sarvjit Singh
Project Manager
Address: 10260 Matern Place
Santa Fe Springs, California 90670
Telephone: (562) 944-1636
Facsimile: (562) 946-5634
Email: sisingh@aegion.com

3. ORDER OF PRECEDENCE: The documents referenced below represent the Contract Documents. Where any conflicts exist between the General Terms and Conditions the governing order of precedence shall be as follows:
- A. Amendments to Contract Number 4600002464.
 - B. Contract Number 4600002464 General Terms and Conditions.
 - C. IEUA Request for Proposals RFP-RW-17-032 and all germane addenda, incorporated herein by this reference.
 - D. Consultant's Proposal received November 28, 2017, incorporated herein by this reference.
4. SCOPE OF WORK AND SERVICES: Consultant services and responsibilities, hereinafter referred to as "the Work," shall include and be in accordance with IEUA Request for Proposals RFP-RW-17-032 and all germane addenda, incorporated herein by this reference.
- A. Method of Work Inspection:
 - 1. Work performed under this Contract may be required to undergo monthly, weekly, or daily inspections.
 - 2. The Project Manager shall be responsible for performance of the inspections.
 - 3. If Consultant fails an inspection, the Project Manager shall be responsible for providing a written notice to the Consultant explaining the error and a determination of the urgency for the correction of the error (herein referred to as a "Cure Notice").
 - B. Cure Procedure:
 - 1. For a Cure Notice deemed by the Agency to be urgent, Consultant shall correct any error of the Work within three (3) calendar days after Consultant's receipt of a Cure Notice, as directed by the Project Manager.
 - 2. For a Cure Notice deemed by the Agency to be important, Consultant shall correct any error of the Work within seven (7) calendar days after Consultant's receipt of a Cure Notice, as directed by the Project Manager.
 - 3. If the Project Manager rejects all, or any part of, the Work as unacceptable and agreement to correct such Work cannot be reached without modification to the Contract, Consultant shall notify the Project Manager, in writing, detailing the dispute and the reason(s) for the Consultant's position. Any dispute that cannot be resolved between the Project Manager and Consultant shall be resolved in accordance with the provisions of this Contract.

- C. The Agency may, at any time, make changes to this Contract's Scope of Work; including additions, reductions and other alterations to any or all of the Work. However, such changes shall only be made via written amendment to this Contract. The Contract Price and Work Schedule shall be equitably adjusted, if required, to account for such changes and shall be set forth within the Contract Amendment.
5. **TERM:** The term of this Contract shall extend from the date of the Notice to Proceed, and terminate upon **December 31, 2018** unless agreed to by both parties, reduced to writing, and amended to this contract.
6. **PAYMENT, INVOICING, AND COMPENSATION:**
- A. As compensation for the Work performed under this Contract, Agency shall pay Consultant's monthly invoicing for a total **NOT-TO-EXCEED MAXIMUM \$198,900.00** for all services satisfactorily provided during the term of this Contract, as referenced in Consultant's Price Schedule and Fee Schedule, attached hereto, referenced herein, and made a part hereof as **Attachment 1**. Consultant shall submit invoicing by email to APGroup@ieua.org.
- B. The Consultant may submit an invoice not more than once per month during the term of this Contract utilizing Consulting Services Invoice Template **Attachment 2**, attached hereto and made a part hereof, for the submittal of each invoice. (The template in Excel format will be furnished to Consultant by the cognizant IEUA Project Manager.) Agency shall pay Consultant's properly executed invoice, approved by the Project Manager, within thirty (30) days following receipt of the invoice.
- C. **No Additional Compensation:** Nothing Set forth in this Contract shall be interpreted to require payment by Agency to Consultant of any compensation specifically for the assignments and assurances required by the Contract, other than the payment of expenses as may be actually incurred by Consultant in complying with this Contract, as approved by the Project Manager.
- D. Consultant may request taking advantage of the Agency's practice of offering an expedited payment protocol to a Consultant who has proposed accepting an invoice amount reduction in exchange for early payment.
- E. For performance of any Work determined to be public works in excess of \$25,000.00 per occurrence, Contractor shall provide with their invoice certified payroll verifying that Consultant has paid prevailing wage in accordance with the Department of Industrial Relations requirements as stipulated in California Senate Bill SB-854 [<http://www.dir.ca.gov/Public-Works/Certified-Payroll-Reporting.html>].
7. **CONTROL OF THE WORK:** Consultant shall perform the Work in compliance with the Schedule of Work and Services. If performance of the Work falls behind schedule, the

Consultant shall accelerate the performance of the Work to comply with the work schedule as directed by the Project Manager. If the nature of the Work is such that Consultant is unable to accelerate the Work, Consultant shall promptly notify the Project Manager of the delay, the causes of the delay, and submit a proposed revised Work Schedule.

8. INSURANCE: During the term of this Contract, the Consultant shall maintain at Consultant's sole expense, the following insurance.

A. Minimum Scope of Insurance: Coverage shall be at least as broad as:

1. Commercial General Liability ("CGL"): Insurance Services Office ("ISO") Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than \$1,000,000 per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (ISO CG 25 03 or 25 04) or the general aggregate limit shall be twice the required occurrence limit.
2. Automobile Liability: ISO Form Number CA 00 01 covering any auto (Code 1), or if Consultant has no owned autos, covering hired, (Code 8) and non-owned autos (Code 9), with limit no less than \$1,000,000 per accident for bodily injury and property damage.
3. Workers' Compensation and Employers Liability: Workers' compensation limits as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease.
4. Professional Liability (Errors and Omissions): Insurance appropriate to the Consultant's profession, with limit no less than \$1,000,000 per occurrence or claim, \$2,000,000 aggregate.

a. Deductibles and Self-Insured Retention: Any deductibles or self-insured retention must be declared to and approved by the Agency. At the option of the Agency, either: the insurer shall reduce or eliminate such deductibles or self-insured retention as respects the Agency, its officers, officials, employees and volunteers; or the Consultant shall procure a bond guaranteeing payment of losses and related investigations, claims administration and defense expenses.

b. Other Insurance Provisions: The insurance policies are to contain, or be endorsed to contain, the following provisions:

5. Commercial General Liability and Automobile Liability Coverage

- a. Additional Insured Status: The Agency, its officers, officials, employees, and volunteers are to be covered as additional insureds

on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the Consultant including materials, parts or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Consultant's insurance (at least as broad as ISO Form CG 20 10 11 85 or both CG 20 10, CG 20 26, CG 20 33, or CG 20 38; and CG 20 37 forms if later revisions used).

- b. **Primary Coverage:** The Consultant's insurance coverage shall be primary insurance coverage at least as broad as ISO CG 20 01 04 13 as respects the Agency, its officer, officials, employees and volunteers. Any insurance or self-insurance maintained by the Agency, its officers, officials, employees, volunteers, property owners or engineers under contract with the Agency shall be excess of the Consultant's insurance and shall not contribute with it.
- c. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Agency, its officers, officials, employees or volunteers.
- d. The Consultant's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
- e. The Consultant may satisfy the limit requirements in a single policy or multiple policies. Any such additional policies written as excess insurance shall not provide any less coverage than that provided by the first or primary policy.

6. **Workers' Compensation and Employers Liability Coverage**

The insurer hereby grants to Agency a waiver of any right to subrogation which any insurer of said Consultant may acquire against the Agency by virtue of the payment of any loss under such insurance. Consultant agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the Agency has received a waiver of subrogation endorsement from the insurer.

7. **All Coverages**

Each insurance policy required by this contract shall be endorsed to state that coverage shall not be suspended, voided, canceled by either party, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the Agency.

- c. Acceptability of Insurers: All insurance is to be placed with insurers with a current A.M. Best's rating of no less than A minus:VII, and who are admitted insurers in the State of California.
- d. Verification of Coverage: Consultant shall provide the Agency with original certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by the Agency before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the Consultant's obligation to provide them. The Agency reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.
- e. Submittal of Certificates: Consultant shall submit all required certificates and endorsements to the following:

Inland Empire Utilities Agency, a Municipal Water District
Attn: Risk Specialist Angela Witte
P.O. Box 9020
Chino Hills, California 91709
Email: AWitte@ieua.org

9. FITNESS FOR DUTY:

- A. Fitness: Consultant and its Subcontractor personnel on the Jobsite:
 - 1. Shall report for work in a manner fit to do their job;
 - 2. Shall not be under the influence of or in possession of any alcoholic beverages or of any controlled substance (except a controlled substance as prescribed by a physician so long as the performance or safety of the Work is not affected thereby); and
 - 3. Shall not have been convicted of any serious criminal offense which, by its nature, may have a discernible adverse impact on the business or reputation of Agency.
- B. Compliance: Consultant shall advise all personnel and associated third parties of the requirements of this Contract ("Fitness for Duty Requirements") before they enter on the Jobsite and shall immediately remove from the Jobsite any employee determined to be in violation of these requirements. Consultant shall impose these requirements on its Subcontractors. Agency may cancel the Contract if Consultant violates these Fitness for Duty Requirements.

C. **Effective January 1, 2015:** The call for bids and contract documents must include the following information in compliance with The Department of Industrial Relations (DIR):

1. No contractor or subcontractor may be listed on a bid proposal for a public works project (submitted on or after March 1, 2015) unless registered with the DIR pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)].

2. No contractor or subcontractor may be awarded a contract for public work on a public works project (awarded on or after April 1, 2015) unless registered with the DIR pursuant to Labor Code section 1725.5.

3. This project is subject to compliance monitoring and enforcement by the DIR. As such, a PWC-100 will be generated for any Work determined to be public works with valuation of \$25,000.00 or greater.

10. LEGAL RELATIONS AND RESPONSIBILITIES

A. Professional Responsibility: The Consultant shall be responsible, to the level of competency presently maintained by other practicing professionals performing the same or similar type of work.

B. Status of Consultant: The Consultant is retained as an independent Consultant only, for the sole purpose of providing the services described herein, and is not an employee of the Agency.

C. Observing Laws and Ordinances: The Consultant shall keep itself fully informed of all relevant existing state and federal laws and all relevant county and city ordinances and regulations which pertain to structural engineering services or tasks performed under this Contract, and of all such orders and decrees of bodies or tribunals having any jurisdiction or authority over the same. The Consultant shall at all times observe and comply with all such existing laws, ordinances, regulations, orders and decrees, and shall to the extent of Consultant's negligence, protect and indemnify, as required herein, the Agency, its officers, employees and agents against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, order or decree, whether by the Consultant or its employees.

D. Precautions and Programs:

1. The Contractor shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the work or the activities of subcontractors, suppliers, and others at the work site.

2. The Contractors and subcontractors shall comply with the provisions of the Safety and Health Regulations for Construction, promulgated by the Secretary of Labor under Section 107 of the "Contract Work Hours and

Safety Standards Act," as set forth in Title 29 C.F.R. If the Agency is notified of an alleged violation of the Occupational Safety and Health Standards referred to in this Section and it is established that there is a violation, the Contractor shall be subject to liquidated damages as provided in the Contract.

3. The Contractor and all subcontractors shall comply with the provisions of the Occupational Safety and Health Standards, promulgated by the United States Secretary of Labor under the "Occupational Safety and Health Act of 1970," as set forth in Title 29, C.F.R. Where an individual State act on occupational safety and health standards has been approved by federal authority, then the provisions of said state act shall control.

4. The Contractor shall take all necessary precautions for the safety of, and shall provide the necessary supervision, control, and direction to prevent damage, injury, or loss to:

- a) All employees on the work or work site and other persons and organizations who may be affected thereby;
- b) All the work and materials and equipment to be incorporated therein, whether in storage or on or off the work site; and
- c) All other property at the site.

5. Contract work requiring confined space entry must follow Cal-OSHA Regulation 8 CCR, Sections 5157 - 5158. This regulation requires the following to be submitted to IEUA for approval prior to the start of the project:

- 1) *Proof of training on confined space procedures, as defined in Cal-OSHA Regulation 8 CCR, Section 5157. This regulation also requires the following to be submitted to IEUA for approval prior to the entry of a confined space:*
- 2) *A written plan that includes identification of confined spaces within the construction site, alternate procedures where appropriate, contractor provisions, specific procedures for permit-required and non-permit required spaces, and a rescue plan.*

6. The Contractor must also submit a copy of their Safety Program or IIPP prior to the start of the project for approval by the Safety & Risk Department.

- E. Subcontract Services: Any subcontracts for the performance of any services under this Contract shall be subject to the written approval of the Project Manager.
- F. Grant Funded Projects: This is not a grant funded project. For grant-funded projects, the Consultant shall be responsible to comply with all grant requirements related to the Project. These may include, but shall not be limited to: Davis-Bacon Act, Endangered Species Act, Executive Order 11246 (Affirmative Action Requirements), Equal Opportunity, Competitive Solicitation, Record Retention and Public Access to Records, and Compliance Review.

- G. Hours of Labor: The Consultant shall comply with all applicable provisions of California Labor Code Sections 1810 to 1815 relating to working hours. The Consultant shall, as a penalty to the Agency, forfeit \$25.00 for each worker employed in the completion of the Contract by the Consultant or by any subcontractor for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and forty (40) hours in any one calendar week in violation of the provisions of the Labor Code.
- H. Travel and Subsistence Pay: The Consultant shall make payment to each worker for travel and subsistence payments which are needed to complete the work and/or service, as such travel and subsistence payments are defined in an applicable collective bargaining agreements with the worker.
- I. Liens: Consultant shall pay all sums of money that become due from any labor, services, materials or equipment provided to Consultant on account of said services to be rendered or said materials to be provided under this Contract and that may be secured by any lien against the Agency. Consultant shall fully discharge each such lien at the time performance of the obligation secured matures and becomes due.
- J. Indemnification: Consultant shall indemnify the Agency, its directors, employees and assigns, and shall defend and hold them harmless from all liabilities, demands, actions, claims, losses and expenses, including reasonable attorneys' fees, which arise out of or are related to the negligence, recklessness or willful misconduct of the Consultant, its directors, employees, agents and assigns, in the performance of work under this contract.
- Consultant agrees to indemnify, including the cost to defend, entity and its officers, officials, employees, and volunteers from and against any and all claims, demands, costs, or liability that arise out of, or pertain to, or relate to the negligence, recklessness, or willful misconduct of Consultant and its employees or agents in the performance of services under this contract, but this indemnity does not apply to liability for damages arising from the sole negligence, active negligence, or willful acts of the Public Entity; and does not apply to any passive negligence of the Public Entity unless caused at least in part by Consultant.
- K. Conflict of Interest: No official of the Agency who is authorized in such capacity and on behalf of the Agency to negotiate, make, accept or approve, or to take part in negotiating, making, accepting or approving this Contract, or any subcontract relating to services or tasks to be performed pursuant to this Contract, shall become directly or indirectly personally interested in this Contract.
- L. Equal Opportunity and Unlawful Discrimination: During the performance of this Contract, the Consultant shall not unlawfully discriminate against any employee or employment applicant because of race, color, religion, sex, age, marital status, ancestry, physical or mental disability, sexual orientation, veteran status or national

origin. The Agency is committed to creating and maintaining an environment free from harassment and discrimination

M. Non-Conforming Work and Warranty: Consistent with the standard of skill and care set forth in Section 10.A, Professional Responsibility, Consultant represents and warrants that the Work and Documentation shall be adequate to serve the purposes described in the Contract. If the Project Manager rejects all or any part of the Work or Documentation as unacceptable, and agreement to correct such Work or Documentation cannot be reached without modification to the Contract, Consultant shall notify the Project Manager, in writing, detailing the dispute and reason for Consultant's position. Any dispute that cannot be resolved between the Project Manager and the Consultant, shall be resolved in accordance with the Dispute Section of this Contract.

N. Disputes:

1. All disputes arising out of or in relation to this Contract shall be determined in accordance with this section. The Consultant shall pursue the Work to completion in accordance with the instruction of the Agency's Project Manager notwithstanding the existence of dispute. By entering into this Contract, both parties are obligated, and hereby agree, to submit all disputes arising under or relating to the Contract, which remain unresolved after the exhaustion of the procedures provided herein, to independent arbitration. Except as otherwise provided herein, arbitration shall be conducted under California Code of Civil Procedure Sections 1280, et. seq, or their successor.
2. Any and all disputes prior to the work starting shall be subject to resolution by the Agency Project Manager and the Consultant shall comply, pursuant to the Agency Project Manager instructions. If the Consultant is not satisfied with any such resolution by the Agency Project Manager, they may file a written protest with the Agency Project Manager within seven (7) calendar days after receiving written notice of the Agency's decision. Failure by Consultant to file a written protest within seven (7) calendar days shall constitute waiver of protest, and acceptance of the Agency Project Manager's resolution. The Agency's Project Manager shall submit the Consultant's written protests to the General Manager, together with a copy of the Agency Project Manager's written decision, for his or her consideration within seven (7) calendar days after receipt of said protest(s). The General Manager shall make his or her determination with respect to each protest filed with the Agency Project Manager within ten (10) calendar days after receipt of said protest(s). If Consultant is not satisfied with any such resolution by the General Manager, they may file a written request for arbitration with the Project Manager within seven (7) calendar days after receiving written notice of the General Manager's decision.

3. In the event of arbitration, the parties to this Contract agree that there shall be a single neutral Arbitrator who shall be selected in the following manner:
 - a. The Demand for Arbitration shall include a list of five names of persons acceptable to the Consultant to be appointed as Arbitrator. The Agency shall determine if any of the names submitted by Consultant are acceptable and, if so, such person shall be designated as Arbitrator.
 - b. In the event that none of the names submitted by Consultant are acceptable to Agency, or if for any reason the Arbitrator selected in Step (a) is unable to serve, the Agency shall submit to Consultant a list of five names of persons acceptable to Agency for appointment as Arbitrator. The Consultant shall, in turn, have seven (7) calendar days in which to determine if one such person is acceptable.
 - c. If after Steps (a) and (b), the parties are unable to mutually agree upon a neutral Arbitrator, the matter of selection of an Arbitrator shall be submitted to the San Bernardino County Superior Court pursuant to Code of Civil Procedure Section 1281.6, or its successor. The costs of arbitration, including but not limited to reasonable attorneys' fees, shall be recoverable by the party prevailing in the arbitration. If this arbitration is appealed to a court pursuant to the procedure under California Code of Civil Procedure Section 1294, et. seq., or their successor, the costs of arbitration shall also include court costs associated with such appeals, including but not limited to reasonable attorneys' fees which shall be recoverable by the prevailing party.
4. Association in Mediation/Arbitration: The Agency may join the Consultant in mediation or arbitration commenced by a Consultant on the Project pursuant to Public Contracts Code Sections 20104 et seq. Such association shall be initiated by written notice from the Agency's representative to the Consultant.

11. OWNERSHIP OF MATERIALS AND DOCUMENTS/CONFIDENTIALITY: The Agency retains ownership of any and all partial or complete reports, drawings, plans, notes, computations, lists, and/or other materials, documents, information, or data prepared by the Consultant and/or the Consultant's subcontractor(s) pertaining to this Contract. Said materials and documents are confidential and shall be available to the Agency from the moment of their preparation, and the Consultant shall deliver same to the Agency whenever requested to do so by the Project Manager and/or Agency. The Consultant agrees that same shall not be made available to any individual or organization, private or public, without the prior written consent of the Agency.

Said materials and documents shall not be changed or used for purposes other than those set forth in the Contract without the prior written approval of Consultant. If Agency reuses the materials and documents without Consultant's prior written consent, changes or uses

the materials and documents other than as intended under this Contract, Agency shall do so at its sole risk and discretion, and Consultant shall not be liable for any claims and/or damages resulting from use or connected with the release of or any third party's use of the reused materials or documents.

12. TITLE AND RISK OF LOSS:

- A. Documentation: Title to the Documentation shall pass, subject to payment therefore, to Agency when prepared; however, a copy may be retained by Consultant for its records and internal use. Consultant shall retain such Documentation in a controlled access file, and shall not reveal, display or disclose the contents of the Documentation to others without the prior written authorization of Agency or for the performance of Work related to the project.
- B. Material: Title to all Material, field or research equipment, subject to payment therefore, and laboratory models, procured or fabricated under the Contract shall pass to Agency when procured or fabricated, and such title shall be free and clear of any and all encumbrances. Consultant shall have risk of loss of any Material or Agency-owned equipment of which it has custody.
- C. Disposition: Consultant shall dispose of items to which Agency has title as directed in writing by the Agreement Administrator and/or Agency.

13. PROPRIETARY RIGHTS:

- A. Rights and Ownership: Agency's rights to inventions, discoveries, trade secrets, patents, copyrights, and other intellectual property, including the Information and Documentation, and revisions thereto (hereinafter collectively referred to as "Proprietary Rights"), used or developed by Consultant in the performance of the Work, shall be governed by the following provisions:
 - 1. Proprietary Rights conceived, developed, or reduced to practice by Consultant in the performance of the Work shall be the property of Agency, and Consultant shall cooperate with all appropriate requests to assign and transfer same to Agency.
 - 2. If Proprietary Rights conceived, developed, or reduced to practice by Consultant prior to the performance of the Work are used in and become integral with the Work, or are necessary for Agency to have complete control of the Work, Consultant shall grant to Agency a non-exclusive, irrevocable, royalty-free license, as may be required by Agency for the complete control of the Work, including the right to reproduce, correct, repair, replace, maintain, translate, publish, use, modify, copy or dispose of any or all of the Work and grant sublicenses to others with respect to the Work.
 - 3. If the Work includes the Proprietary Rights of others, Consultant shall procure, at no additional cost to Agency, all necessary licenses regarding such Proprietary Rights so as to allow Agency the complete control of the Work,

including the right to reproduce, correct, repair, replace, maintain, translate, publish, use, modify, copy or dispose of any or all of the Work and grant sublicenses to others with respect to the Work. All such licenses shall be in writing and shall be irrevocable and royalty-free to Agency.

14. **INFRINGEMENT:** Consultant represents and warrants that the Work and Documentation shall be free of any claim of trade secret, trade mark, trade name, copyright, or patent infringement or other violations of any Proprietary Rights of any person.

Consultant shall defend, indemnify and hold harmless, Agency, its officers, directors, agents, employees, successors, assigns, servants, and volunteers free and harmless from any and all liability, damages, losses, claims, demands, actions, causes of action, and costs including reasonable attorney's fees and expenses to the extent of Consultant's negligence for any claim that use of the Work or Documentation infringes upon any trade secret, trade mark, trade name, copyright, patent, or other Proprietary Rights.

Consultant shall, at its expense and at Agency's option, refund any amount paid by Agency under the Contract, or exert its best efforts to procure for Agency the right to use the Work and Documentation, to replace or modify the Work and Documentation as approved by Agency so as to obviate any such claim of infringement, or to put up a satisfactory bond to permit Agency's continued use of the Work and Documentation.

15. **NOTICES:** Any notice may be served upon either party by delivering it in person, or by depositing it in a United States Mail deposit box with the postage thereon fully prepaid, and addressed to the party at the address set forth below:

Agency: Warren T. Green
Manager of Contracts and Procurement
Inland Empire Utilities Agency, a Municipal Water District
P.O Box 9020
Chino Hills, California 91709

Consultant: Michael Kolster
Operations Manager
Corrpro Companies, Inc.
10260 Matern Place
Santa Fe Springs, California 90670

Any notice given pursuant to this section shall be deemed effective in the case of personal delivery, upon receipt thereof, or, in the case of mailing, at the moment of deposit in the course of transmission with the United States Postal Service.

16. **SUCCESSORS AND ASSIGNS:** All of the terms, conditions and provisions of this Contract shall take effect to the benefit of and be binding upon the Agency, the Consultant, and their respective successors and assigns. No assignment of the duties or benefits of the Consultant under this Contract may be assigned, transferred or otherwise disposed of

without the prior written consent of the Agency; and any such purported or attempted assignment, transfer or disposal without the prior written consent of the Agency shall be null, void and of no legal effect whatsoever.

17. PUBLIC RECORDS POLICY: Information made available to the Agency may be subject to the California Public Records Act (Government Code Section 6250 et seq.) The Agency's use and disclosure of its records are governed by this Act. The Agency shall use its best efforts to notify Consultant of any requests for disclosure of any documents pertaining to Consultant. In the event of litigation concerning disclosure of information Consultant considers exempt from disclosure; (e.g., Trade Secret, Confidential, or Proprietary) Agency shall act as a stakeholder only, holding the information until otherwise ordered by a court or other legal process. If Agency is required to defend an action arising out of a Public Records Act request for any of the information Consultant has marked "Confidential," "Proprietary," or "Trade Secret," Consultant shall defend and indemnify Agency from all liability, damages, costs, and expenses, including attorneys' fees, in any action or proceeding arising under the Public Records Act.
18. RIGHT TO AUDIT: The Agency reserves the right to review and/or audit all Consultants' records related to the Work. The option to review and/or audit may be exercised during the term of the Contract, upon termination, upon completion of the Contract, or at any time thereafter up to twelve (12) months after final payment has been made to Consultant. The Consultant shall make all records and related documentation available within three (3) working days after said records are requested by the Agency.
19. INTEGRATION: The Contract Documents represent the entire Contract made and entered into by and between the Agency and the Consultant as to those matters contained in this contract. No prior oral or written understanding shall be of any force or effect with respect to those matters covered by the Contract Documents. This Contract may not be modified, altered or amended except by written mutual agreement by the Agency and the Consultant.
20. GOVERNING LAW: This Contract is to be governed by and constructed in accordance with the laws of the State of California, in the County of San Bernardino.
21. TERMINATION FOR CONVENIENCE: The Agency reserves and has the right to immediately suspend, cancel or terminate this Contract at any time upon written notice to the Consultant. In the event of such termination, the Agency shall pay Consultant for all authorized and Consultant-invoiced services up to the date of such termination, as approved by the Project Manager.
22. FORCE MAJEURE: Neither party shall hold the other responsible for the effects of acts occurring beyond their control; e.g., war, riots, strikes, natural disasters, etcetera.
23. NOTICE TO PROCEED: No services shall be performed or provided under this Contract unless and until this document has been properly signed by all responsible parties and a Notice to Proceed order has been issued to the Consultant.

24. AUTHORITY TO EXECUTE CONTRACT: The Signatories, below, each represents, warrants, and covenants that they have the full authority and right to enter into this Contract on behalf of the separate entities shown below.
25. DELIVERY OF DOCUMENTS: The Parties to this Contract and the individuals named to facilitate the realization of its intent, with the execution of the Contract, authorize the delivery of documents via facsimile, via email, and via portable document format (PDF) and covenant agreement to be bound by such electronic versions.

The parties hereto have caused the Contract to be entered as of the day and year written above.

INLAND EMPIRE UTILITIES AGENCY:
(A Municipal Water District)

CORRPRO COMPANIES, INC.:

Halla H. Razak
General Manager



Edward Bonar
Area Operations Manager

(Date)

1-2-2018

(Date)

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Attachment 1

PROPOSAL PRICE SCHEDULE

Offeror shall complete this Proposal Schedule and shall return with their submittal. All proposal costs shall include respective itemized costs associated with **all** labor, equipment, materials, transportation, overhead, travel, profit, insurance, sales and other taxes, licenses, incidentals, and all other related costs necessary to meet the work requirements. At any time, IEUA may require that these costs be itemized.

Offeror shall hold their pricing firm, and free from expiration, for ninety (90) days.

Offeror has thoroughly read this RFP and agrees to all the terms and conditions provided herein.

Total Amount of Bid:

\$198,900

Total Amount In Words:

\$ One hundred ninety eight thousand and nine hundred.

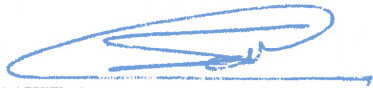
Delivery Lead-time in calendar days after receipt of Contract:

180 days

ADDITIVE UNIT PRICE

The Agency assumes that all additive unit costs have been filled in and that the prices are reasonable. However, it is understood that the additive prices are subject to the IEUA's approval prior to award of the Contract. Unit prices shall be used for actual additions of actual items and quantities performed in the field.

ITEM	Description	Quantities	Unit Price \$	Unit Price (written)
	Unit Cost Allowances			
1.	Additional Wenner testing	1 test	\$690	Six hundred ninety dollar
2.	Investigation and documentation of any identified foreign facilities	1 investigation and documentation	\$1,900	One thousand Nine hundred dollar



Offeror Signature

Corpus Co. Inc.

Company Name

SARVJIT SINGH

Printed Name

Engineering manager

Title

11/28/2017

Date



IEUA - Corrosion Assessment Services Project RFP-RW-17-032
Cathodic Protection Systems Testing Project
Fee Schedule - Estimated Cost Breakdown for Corrosion Engineering and Testing Services

Task Description	Manpower Hours							Total (Hrs.)	Cost (\$)
	Project Director (Hrs.)	Project Sr. Manager (Hrs.)	Sr. Corrosion Engineer (Hrs.)	Field/GIS Engineer (Hrs.)	QA/QC Manager (Hrs.)	Vehicle, Mileage and Equipment (Days)	AutoCAD Operator (Hrs.)		
Labor Rate (\$/Hr.)	\$155.00	\$145.00	\$135.00	\$125.00	\$135.00	\$150.00	\$75.00		
Task 1 - General Coordination, Project Administration and Planning									
Task 1.1 Project kick-off meeting, agenda and meeting minutes	2	4	4	4	2	5	0	16	\$2,950.00
Task 1.2 Prepare CPM schedule and update it as required	2	8	2	2	2			16	\$2,260.00
Task 1.3 Administration of budget and schedule	6	8	2	2	2			20	\$2,880.00
Task 1.4 Review of pertinent project information for the project	4	8	20	20	4		0	56	\$7,520.00
Task 1.5 Track progress, preparation and submission of invoices on monthly basis	4	8	8	4	4	2		28	\$4,200.00
Subtotal of Tasks 1.1 through 1.5	18	36	36	32	14	7	0	136	\$19,810.00
Task 2- Field Testing									
Task 2.1. Perform soil resistivity testing using Emag method and identify potential source of interference	8	8	20	140	6	10		182	\$24,910.00
Task 2.2. Conduct 4-pin Wenner soil resistivity testing	6	8	12	85	4	8		115	\$16,075.00
Task 2.3. Soil sample collection and lab testing	8	12	12	85	4	8		121	\$16,965.00
Task 2.4 Electrochemical potential and IFK testing, GIS data collection.	6	12	16	110	6	10		150	\$20,880.00
Subtotal of Tasks 2.1 through 2.4	28	40	60	420	20	36	0	568	\$78,840.00
Task 3- Technical Memorandum									
Task 3.1 Prepare draft technical memorandum including GIS information	8	6	60	20	8			vp	\$13,790.00
Task 3.2 Conduct a technical workshop	2	2	8	4	2	2	60	78	\$7,250.00
Task 3.3 Incorporate comments and issue final technical memorandum	8	8	32	8	8		24	88	\$10,600.00
Subtotal of Tasks 3.1 through 3.3	18	16	100	32	18	2	84	186	\$31,640.00
Task 4- Traffic Control plans, Equipment and Permits									
Task 4.1 Prepare traffic control plans, setup traffic control eqpt and obtain permits									\$68,610.00
								Total Fee	\$198,900.00

Attachment 2



**INLAND EMPIRE UTILITIES AGENCY
CONSULTING SERVICES INVOICE**

Company: ABC Company	Pay Est. No.:	Contract Date:	Invoice Date: #####
Address:	Contract No.: 46-XXXX	IEUA Project Manager: Jamal Zughbi	This Period: From: 9/1/2015 To: 9/30/2015
Phone No.:	Proj. Name & No.: RP-1 Improvements Project, EN15xxx		Invoice No. / Consult Ref: XXXXXX

ORIGINAL CONTRACT:

PO No.	SAP Line Item No.	WBS Element No.	Item Description	Original Contr. Value	Total This Period From: 9/1/2015 To: 9/30/2015	Total to Date From: 9/9/2015 To: 9/30/2015	Progress to Date	Remaining Contract Value
				Amount (\$)	% Complete	Amount (\$)	% Complete	Amount (\$)
45-XXXX	1	EN15xxx.00.F.DN50	50% Design Services	\$0.00	#DIV/0!	\$0.00	#DIV/0!	\$0.00
	2	EN15xxx.00.F.DN85	85% Design Services	\$0.00	#DIV/0!	\$0.00	#DIV/0!	\$0.00
	3	EN15xxx.00.F.DFLP	Final Design	\$0.00	#DIV/0!	\$0.00	#DIV/0!	\$0.00
	4	EN15xxx.00.G.CNSW.00	Constr Support Services		#DIV/0!	\$0.00	#DIV/0!	\$0.00
Subtotal Original Contract				\$0.00	\$0.00	\$0.00		\$0.00

CONTRACT AMENDMENTS:

PO No.	SAP Line Item No.	WBS Element No.	Amendment Description	Amended Contract Value	Total This Period From: To:	Total to Date From: To:	Progress to Date	Remaining Contract Value
				Amount (\$)	% Complete	Amount (\$)	% Complete	Amount (\$)
					\$0.00	\$0.00	0%	0%
					\$0.00	\$0.00	0%	0%
					\$0.00	\$0.00	0%	0%
Subtotal Contr. Amendm				\$0.00	\$0.00	\$0.00		\$0.00
Total Cont. with Amendr				\$0.00	\$0.00	\$0.00		\$0.00

PAYMENT SUMMARY FOR THIS PERIOD:

	From: 9/1/2015	
	To: 9/30/2015	
Amount Earned Original Contract	\$0.00	
Amount Earned Amendments	\$0.00	
Back Charges	\$0.00	
Amount Due This Period	\$0.00	

PRIOR PAYMENT SUMMARY:

	From:	
	To:	
Amount Earned Orig Contract	\$0.00	
Amount Earned Amendments	\$0.00	
Back Charges	\$0.00	
Prior Payments	\$0.00	

TOTAL PAYMENT SUMMARY:

	Total Contract	
Total Original Contract	\$0.00	
Total Contract Amendments	\$0.00	
Total Payments to Date	\$0.00	
Back Charges	\$0.00	
Payment this period	\$0.00	
Balance of Contract	\$0.00	

CONTRACT SCHEDULE SUMMARY:

Contract Start Date:	10/9/2014
Contract Duration:	365
Contract Completion Date:	10/9/2015
Authorized Time Extension:	0
Revised Completion Date:	10/9/2015

PROJECT COMPLETION SUMMARY:

Contract Time Expired:	102%
Contract Work Complete:	#DIV/0!

Consultant Approval:

Title: _____ Signature: _____ Date: _____

Inland Empire Utilities Agency Approvals:

Proj. Engineer: _____ Date: _____ Exec Mgr. / Assistant GM: _____ Date: _____
 Deputy Manager: _____ Date: _____ General Manager: _____ Date: _____
 Dept. Manager: _____ Date: _____

**CONSENT
CALENDAR
ITEM**

1E

Date: January 17, 2018

To: The Honorable Board of Directors

From: Halla Razak, General Manager

HR

Committee: Engineering, Operations & Water Resources

01/10/18

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

Subject: RP-1 Mixed Liquor Return Pumps Consultant Contract Amendment

Executive Summary:

In 2015, the RP-1 Mixed Liquor Return Pumps Project was created to add new mixed liquor return pumps to each of the aeration basin systems. These improvements will regain the lost treatment capacity due to higher strength wastewater by enhancing the removal of total inorganic nitrogen.

In November 2015, an engineering service contract was awarded to RMC Water and Environment (RMC). In September 2016, the existing contract with RMC was amended for engineering services during construction. During construction, additional engineering support effort was required; this included additional shop drawing review, field visit/meetings, and standard operations manual preparation.

Staff is recommending a contract amendment to RMC for engineering services during construction in the amount of \$95,246, increasing RMC's contract from \$691,736 to \$786,982.

Staff's Recommendation:

1. Approve a contract amendment for the RP-1 Mixed Liquor Return Pumps, Project No. EN16024, to RMC Water and Environment for a not-to-exceed amount of \$95,246; and
2. Authorize the General Manager to execute the contract amendment subject to non-substantive changes.

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

Account/Project Name:

EN16024/RP-1 Mixed Liquor Return Pumps Project

Fiscal Impact (explain if not budgeted):

None.

Prior Board Action:

On September 21, 2016, the Board of Directors approved a contract amendment for engineering services during construction for the RP-1 Mixed Liquor Return Pumps, Project No. EN16024, to RMC Water and Environment for a not-to-exceed amount of \$203,000.

On November 18, 2015, the Board of Directors awarded a contract for engineering consulting services for the RP-1 Mixed Liquor Return Pumps, Project No. EN16024, to RMC Water and Environment for a not-to-exceed amount of \$424,198.

Environmental Determination:

Categorical Exemption

CEQA identifies certain categories of projects as exempt from more detailed environmental review because these categories have been deemed to have no potential for significant impact on the environment. This project qualifies for a Categorical Exemption Class 1 as defined in Section 15301(b) of the State CEQA Guidelines.

Business Goal:

The RP-1 Mixed Liquor Return Pumps Project is consistent with IEUA's Business Goal of Wastewater Management, specifically the Water Quality Objective where IEUA will ensure that Agency systems are planned, constructed, and managed to protect public health, the environment, and meet anticipated regulatory requirements.

Attachments:

Attachment 1 - PowerPoint

Attachment 2 - Consultant Contract Amendment

RP-1 Mixed Liquor Return Pumps Consultant Contract Amendment Project No. EN16024

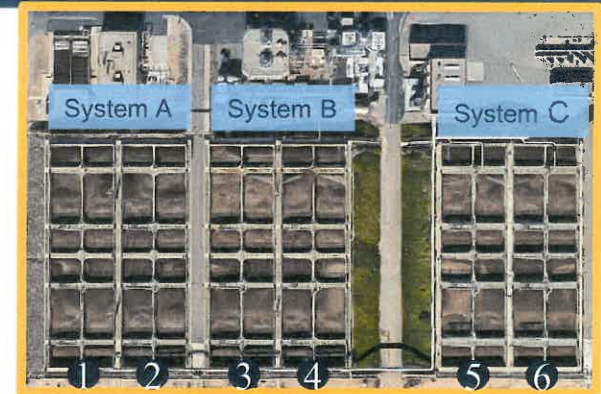


Project Location



The Project

- Engineering support effort exceeded originally anticipated support of the following:
 - Review of RFIs and submittals
 - O&M manual development
 - Project Management
 - Site visits and meetings



RP-1 Aeration Basins



Baffle Walls and Mixed Liquor Return Pumps Pipe

Project Budget and Schedule

Description	Estimated Cost
Design Services	\$698,551
Design Contract	\$451,713
IEUA Design Services	\$246,838
Construction Services	\$583,699
Engineering Services During Construction (ESDC)	\$195,173
ESDC Amendment (this action)	\$95,246
IEUA Construction Services (6%)	\$293,280
Construction	\$5,474,560
Construction Contract	\$4,888,000
Contingency (12%)	\$586,560
Total Project Cost	\$6,756,810
Total Project Budget	\$7,236,000
Total Remaining Budget	\$479,190

Project Milestone	Date
Construction	
Construction Contract Award	September 2016
Construction Completion	April 2018

Recommendation

- Approve a contract amendment for the RP-1 Mixed Liquor Return Pumps, Project No. EN16024, to RMC Water and Environment for a not-to-exceed amount of \$95,246; and
- Authorize the General Manager to execute the contact amendment subject to non-substantive changes.

The RP-1 Mixed Liquor Return Pumps Project is consistent with *IEUA's Business Goal of Wastewater Management*, specifically the Water Quality Objective where IEUA will ensure that Agency systems are planned, constructed, and managed to protect public health, the environment, and meet anticipated regulatory requirements.



AMENDMENT NUMBER: 4600002012-005
FOR
MIXED LIQUOR RETURN PUMPS, PROJECT NO. EN16024

THIS AMENDMENT NUMBER FIVE to Contract Number 4600002012, made and entered into this ____ day of _____, _____ between the Inland Empire Utilities Agency, a Municipal Water District and RMC Water and Environment, Inc., a Woodard & Curran Company with offices in Irvine, California shall revise the Contract as follows:

REVISE SECTION 4, SCOPE OF WORK AND SERVICES TO ADD:

Additional services and responsibilities shall include and be in accordance with Consultant's letter proposal dated November 20, 2017, which is attached hereto and made a part hereof by this reference as **Attachment 1**.

REVISE SECTION 6, COMPENSATIONS, THIRD PARAGRAPH TO READ:

In compensation for the additional work represented by this Contract Amendment, Agency shall pay Consultant a **Not-to-Exceed maximum total of \$786,982.00** for all services provided in accordance with **Attachment 1** referenced herein. (NOTE: This Amendment represents a net increase of \$95,246.00 as per SAP Purchase Requisition 10043103.)

ALL OTHER PROVISIONS OF THIS CONTRACT REMAIN UNCHANGED.

The parties hereto have mutually covenanted and agreed as per the above amendment item(s), and in doing so have caused this document to become incorporated into the Contract documents.

INLAND EMPIRE UTILITIES AGENCY
(a Municipal Water District)

RMC WATER AND ENVIRONMENT, INC.,
A WOODARD & CURRAN COMPANY:

Halla H. Razak (Date)
General Manager

Scott Goldman (Date)
Principal-in-Charge

Attachment 1



National Experience. Local Focus.

November 20, 2017

Ryan Walker
Project Manager
Inland Empire Utilities Agency
6075 Kimball Avenue
Chino, CA 91708

**Subject: RP-1 Mixed Liquor Return Pumps, IEUA Project No. EN16024
Revised Amendment Request No. 5**

Dear Mr. Walker:

Woodard & Curran (formerly RMC Water and Environment) hereby submits the enclosed proposal to complete Engineering Support During Construction (ESDC) for the RP-1 Mixed Liquor Return Pumps and the Operations & Maintenance Manual for the RP-1 Secondary Treatment Process.

The enclosed proposal includes background, scope of work, schedule impacts, and fee impacts to complete the additional work. If you have any questions or would like to discuss this proposal, please contact me at (949) 420-5314.

Sincerely,
Woodard & Curran

Scott Goldman
Principal-in-Charge

Approved by:
Inland Empire Utilities Agency

Name Date



BACKGROUND

Engineering Support During Construction (Task 7)

On October 5, 2016, the Inland Empire Utilities Agency (IEUA) issued Contract Amendment No. 4600002012-003 to RMC (now Woodard & Curran) in the amount of \$202,557.00 for Engineering Services During Construction (ESDC) of RP-1 Mixed Liquor Return Pumps (Project No. EN16024) and RP-1 Aeration Basin Panel Repairs (Project No. EN17040). The scope of these services included the following tasks:

- Task 7.1 – Preparation of Conformed Drawings
- Task 7.2 – Meetings and Site Visits
- Task 7.3 – Submittal Reviews
- Task 7.4 – Respond to Requests for Information (RFIs)
- Task 7.5 – Review of Construction Change Order Requests
- Task 7.6 – Startup and Testing Assistance
- Task 7.7 – Preparation of Record Drawings
- Task 7.8 – Project Management

Since the level of effort for each of these tasks was highly dependent upon variables beyond Woodard & Curran's direct control, assumptions used as the basis for the Fee Estimate were detailed in the scope of services. The assumptions used in the original scope of services are stated below under "Estimate to Complete".

On May 2, 2017, IEUA was notified that the budgets for several tasks were nearing or had exceeded their originally estimated line item budgets, but that the overall budget had not been exceeded. It was agreed to proceed with the work and to provide an Estimate to Complete if the overall budget was anticipated to be exceeded. Based on progress to date, the original ESDC amount will be exceeded. An estimate to complete ESDC tasks has been prepared and a basis for adjustment to the original line item budgets for the following tasks is included herein:

- Task 7.2 – Meetings and Site Visits
- Task 7.3 – Submittal Reviews
- Task 7.4 – Respond to Requests for Information (RFIs)
- Task 7.8 – Project Management

Expanded Operations & Maintenance Manual (Task 8)

Under Contract No. 4600002012, Woodard & Curran was required to update the existing Operations & Maintenance (O&M) Manual for the RP-1 Aeration System to reflect the new Mixed Liquor Return Pump system. The amount included for this scope of work was \$12,969.00. On February 2, 2017, IEUA issued Contract Amendment No. 4600002012-004 in the amount of \$21,468.00 for additional costs to expand the scope of the O&M Manual to include the entire RP-1 Secondary Treatment Process. The scope of services included 1) updating existing procedures to reflect current operations and equipment, and 2) incorporating these procedures into IEUA's revised O&M Manual format. The following elements were identified for inclusion in the scope of services:

- Intermediate Pump Station Systems
- Aeration Basins
- Aeration Blowers
- Secondary Clarifiers

- Return Activated Sludge Pump Systems
- Waste Activated Sludge Pump Systems
- Chemical Feed Systems

On June 13, 2017, Woodard & Curran met with IEUA to discuss progress and completion of the O&M Manual. Based on progress to date and additional effort required to develop portions of the O&M Manual, an estimate to complete this task has been prepared and a basis for adjustment to the original line item budget is included herein.

On September 11, 2017 Woodard & Curran submitted Amendment Request No. 5 that included the additional effort to complete the O&M Manual. The O&M Manual for RP-4 was provided as a template for the new format. However, the equipment, controls and system at RP-4 are very different from the RP-1.

ESTIMATE TO COMPLETE

Engineering Support During Construction (Task 7)

Task 7.2 – Meetings and Site Visits

As a basis for its original estimate, Woodard & Curran assumed the following regarding meetings and site visit tasks:

- Woodard & Curran will attend the following workshops:
 - Preconstruction Meeting
 - Overall System Workshop
 - Electrical, I&C and Mechanical Workshop
 - SCADA System Programming Workshop
 - 70% Complete Workshop
 - Testing, Training, Start-Up and Commissioning Workshop

For budgeting purposes, Woodard & Curran has assumed two attendees will participate in each workshop, except for the Preconstruction Meeting and the 70% Complete Workshop, which will only have one Woodard & Curran attendee. This task assumes 8 labor hours per attendee per workshop, including travel time and preparation.

- Woodard & Curran will attend select weekly progress meetings by teleconference. For budgeting purposes, Woodard & Curran will remotely attend 20 progress meetings via teleconference, assuming 1.5 labor hours per progress meeting.

Through October 2017, the total expenditure for Task 7.2, Meetings and Site Visits, is \$38,877.71. With an original budget of \$33,514.00, Woodard & Curran has exceeded the existing budget by \$5,363.71 because Woodard & Curran has been requested to attend weekly construction meetings by teleconference. Progress meetings are now scheduled every other week, leaving a total of 10 progress meetings to be attended by teleconference through March 2018, which is the completion date reflected in the Contractor's latest schedule update. The budget request includes 1 hour for W&C and 1 hour for TJC for each progress meeting.

In addition, both the 70% Complete Workshop and Testing, Training, Start-Up and Commissioning Workshop require Woodard & Curran attendance. However, both workshops can be attended by teleconference and do not require any preparation from Woodard & Curran. The budget request includes 2 hours for W&C and TJC to attend the Startup Workshop, and 2 hours for only W&C to attend the 70% Workshop.

Task 7.3 – Submittal Reviews

Based on a List of Anticipated Submittals developed during the design phase, the original scope of work included review of 80 submittals/resubmittals at an average of 4.5 hours per submittal/resubmittal for a total of 360 hours. To date, Woodard & Curran has spent 430 hours reviewing and responding to 92 submittals/resubmittals, as requested by IEUA. At this time, it is anticipated that a total of 8 submittals/resubmittals that will require review remain, including:

- Integrated Power Center Structural Calculations
- Submersible Propeller Pump Factory Test Results
- Variable Frequency Drive Certificate of Compatibility
- Various O&M Manuals
 - Submersible Propeller Pumps
 - Submersible Mixers
 - Instrumentation
 - Electrical Switchgear
 - Control Panels

The budget increase requested for this task, as detailed in the attached Fee Estimate, is to cover the exceedance of the original estimated level of effort, plus an additional amount to review and respond to the estimated 8 submittals/resubmittals that remain.

Task 7.4 – Respond to Requests for Information (RFIs)

The original scope and fee included review of up to 20 RFIs at an average of 4 hours per RFI for a total of 80 hours. To date, Woodard & Curran has spent 202 hours reviewing 65 RFIs, as requested by IEUA. At this time, IEUA does not see that Woodard & Curran will need to respond to any additional RFIs.

The budget increase requested for this task, as detailed in the attached Fee Estimate, is to cover the exceedance of the original estimated level of effort.

Task 7.8 – Project Management

As a basis for its original estimate, Woodard & Curran assumed the following regarding project management (PM) tasks:

- Project management includes regular client communications; monthly progress reports submitted with the project invoice; and schedule, scope and budget tracking for this phase of the project. Project management effort was based on a 16-month duration for construction. For budgeting purposes, a total of 76 hours for project management was assumed.

- This task assumed 8 hours to support development and finalization of an Asset List for IEUA. For the 70% Complete Workshop, Woodard & Curran would develop an Asset List that reflects actual equipment installed at that time and proposed remaining equipment to be installed. This list would be turned over to the Contractor to update with information such as cost, warranty period, etc. and submit at 95% Construction Completion. Woodard & Curran would then review and prepare a Final Asset List for IEUA.

During construction, Woodard & Curran has expended considerably more effort in PM tasks than originally anticipated, responding to unanticipated Agency queries (e.g., baffle wall design criteria, pipe support design criteria, etc.), and additional communications with pre-selected equipment suppliers at the request of the Agency. Another unanticipated PM task included reviewing and responding to a letter from JTI Companies, Inc. contesting the Contractor's use of an alternate pipe support system. At this time, it is anticipated that the monthly PM tasks will decrease as construction heads into the remaining aeration basins. The average monthly project management cost to date has been approximately \$2,645. This is assumed to be reduced for the remainder of the construction to approximately \$1,100 per month over the remaining five months (November 2017 through March 2018).

Expanded Operations & Maintenance Manual (Task 8)

As a basis for its original estimate, Woodard & Curran assumed that existing information would be readily available for the identified elements of the O&M Manuals, including the Standard Operating Procedures (SOP) and Unit Process Control Procedures (UPCP). As work has proceeded, Woodard & Curran has discovered that the SOPs and UPCPs for the RP-1 Secondary Treatment System either did not exist or could not be reused and needed to be developed.

Currently, Woodard & Curran has expended approximately 90% of its budget for work associated with the O&M Manual. To complete the O&M Manual, Woodard & Curran estimates that an additional 120 hours will be required, which includes additional site visits and interviews with IEUA Operations staff.

The estimated level of effort to complete this task has been estimated based on the following assumptions:

- 1) Three (3) additional site visits, including interviews with IEUA Operations staff.
- 2) IEUA will provide operational data, SCADA information, record drawings and control system settings showing the existing configuration of processes, as requested by Woodard & Curran.
- 3) IEUA will provide Manufacturer shop drawings, product information and operating data for installed equipment.
- 4) IEUA's revised Operations & Maintenance Manual Standard Specifications and Template will be followed.

BUDGET

Engineering Support During Construction (Task 7)

The total estimated cost to complete the tasks included under Task 7 is \$75,571,.00. This amount covers the exceedance of the original estimated level of effort and includes additional estimated fees to complete the project. A breakdown of the additional fees is attached.

Expanded Operations & Maintenance Manual (Task 8)

The total estimated cost to complete the tasks included under Task 8 is \$19,675.00. A breakdown of the additional fees is attached.

SCHEDULE

Engineering Support During Construction (Task 7)

The schedule to complete ESDC tasks will continue to be dictated by the Contractor's schedule and actual progress. Currently, the Contractor's latest schedule update reflects project completion in March 2018.

Expanded Operations & Maintenance Manual (Task 8)

The following schedule is proposed for the Secondary Treatment Process O&M Manual:

Draft O&M Manual	4 weeks following approval of Amendment
Final O&M Manual	2 weeks following receipt of IEUA comments



National Experience. Local Focus.

Fee Estimate

Inland Empire Utilities Agency RP-1 Mixed Liquor Return Pumps (EN16024) Estimate to Complete

Tasks	RMC Labor						TJC Labor						RMC ODC Markup 10%	RMC Total ODCs (3)	Total Fee	
	PIC/PM	Lead	PE	E1	Admin	CAD	RMC Subtotal Hours	ODCs	RMC SubTotal Labor Costs (1)	TJC Subtotal Hours	TJC ODCs	TJC Total Labor Costs				Total Project Work Hours
	PIC/PM	PM	PE	E1	Admin	CAD										
Task 7.2. Meetings and Site Visits	\$266	\$249	\$230	\$148	\$110	\$163										
7.2.1 EN16024 - Exceed Original Est. Level of Effort								\$0	\$4,118		\$0	\$1,133	0	\$0	\$0	\$5,364
7.2.2 EN16024 - To Complete	0	0	14	0	0	0	14	\$0	\$3,220	12	\$0	\$2,472	26	\$0	\$0	\$5,939
Subtotal Task 7.2	0	0	14	0	0	0	0	\$0	\$7,338	12	\$0	\$3,605	26	\$0	\$0	\$11,303
Task 7.3. Submittal Reviews																
7.3.1 EN16024 - Exceed Original Est. Level of Effort								\$0	\$12,798		\$0	\$4,622	0	\$0	\$0	\$17,882
7.3.2 EN16024 - To Complete	0	2	16	0	0	0	18	\$0	\$4,178	16	\$0	\$3,296	34	\$0	\$0	\$7,804
Subtotal Task 7.3	0	2	16	0	0	0	0	\$0	\$16,976	16	\$0	\$7,918	34	\$0	\$0	\$25,686
Task 7.4. Respond to Requests for Information (RFIs)																
7.4.1 EN16024 - Exceed Original Est. Level of Effort								\$0	\$25,332		\$0	\$791	0	\$0	\$0	\$26,202
Subtotal Task 7.4	0	0	0	0	0	0	0	\$0	\$25,332	0	\$0	\$791	0	\$0	\$0	\$26,202
Task 7.8. Project Management																
7.8.1 EN16024 - Exceed Original Est. Level of Effort								\$0	\$4,948		\$0	\$1,731	0	\$0	\$0	\$6,852
7.8.2 EN16024 - To Complete	0	4	8	0	8	0	20	\$0	\$3,716	8	\$0	\$1,648	28	\$0	\$0	\$5,529
Subtotal Task 7.8	0	4	8	0	8	0	0	\$0	\$8,664	8	\$0	\$3,379	28	\$0	\$0	\$12,381
Task 8.1. Expanded O&M Manual																
8.1 Expanded O&M Manual	0	0	20	100	0	0	120	\$250	\$19,400	0	\$0	\$0	120	\$25	\$275	\$19,675
Subtotal Task 8.1	0	0	20	100	0	0	0	\$250	\$19,400	0	\$0	\$0	120	\$25	\$275	\$19,675
TOTAL	0	6	58	100	8	0	0	\$250	\$77,709	36	\$0	\$15,693	208	\$25	\$275	\$95,246

1. The individual hourly rates include salary, overhead and profit.
2. Subconsultants will be billed at actual cost plus 10%.
3. Other direct costs (ODCs) such as reproduction, delivery, mileage
4. RMC reserves the right to adjust its hourly rate structure and ODC

**CONSENT
CALENDAR
ITEM**

1F

Date: January 17, 2018

To: The Honorable Board of Directors

From: Halla Razak, General Manager

Committee: Engineering, Operations & Water Resources

HR

01/10/18

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

Subject: RP-1 Recycled Water Pump Station Consultant Contract Amendment

Executive Summary:

In May 2017, IEUA awarded an engineering services contract to Stantec for the RP-1 1158 Recycled Water (RW) Pump Station Upgrades Project. Following the completion of the pre-design phase, a site walk was conducted with RP-1 operations staff. During the site visit, additional scope items were identified that were deemed relevant to the project.

Engineering staff reviewed and vetted the additional scope. The additional scope items include the following:

1. Replacement of the two pump station transformers
2. Evaluation/replacement of the isolation valves
3. Evaluation of the pump station flow meter
4. Evaluation the Power Center Building HVAC system

The expanded scope of work will require an additional level of effort by the design consultant. A contract amendment is requested for an amount of \$88,900 to cover the additional engineering design services, increasing Stantec's contract from \$445,618 to \$534,518.

Staff's Recommendation:

1. Approve a contract amendment for the RP-1 RW Pump Station Upgrades, Project No. EN14042, to Stantec for a not-to-exceed amount of \$88,900; and
2. Authorize the General Manager to execute the contract amendment subject to non-substantive changes.

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

Account/Project Name:

EN14042/RP-1 1158 RW Pump Station Upgrades

Fiscal Impact (explain if not budgeted):

None.

Prior Board Action:

On May 17, 2017, the Board of Directors awarded a contract for engineering consulting services for the RP-1 1158 RW Pump Station Upgrades, Project No. EN14042, to Stantec for a not-to-exceed amount of \$428,000.

Environmental Determination:

Categorical Exemption

CEQA identifies certain categories of projects as exempt from more detailed environmental review because these categories have been deemed to have no potential for significant impact on the environment. This project qualifies for a Categorical Exemption Class 1 as defined in Section 15301(b) of the State CEQA Guidelines.

Business Goal:

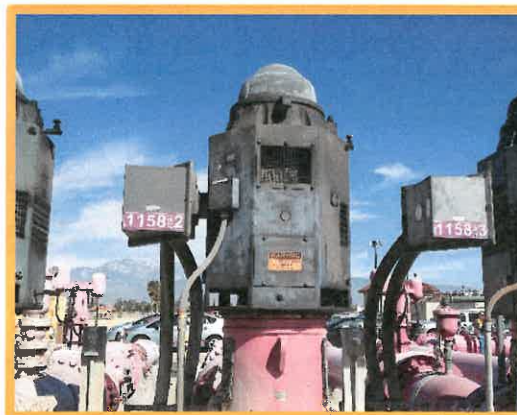
The RP-1 RW Pump Station Upgrades Project is consistent with IEUA's Business Goal of Wastewater Management, specifically the Asset Management objective that IEUA will ensure the treatment facilities are well maintained, upgraded to meet evolving requirements, sustainability managed, and can accommodate changes in regional water use.

Attachments:

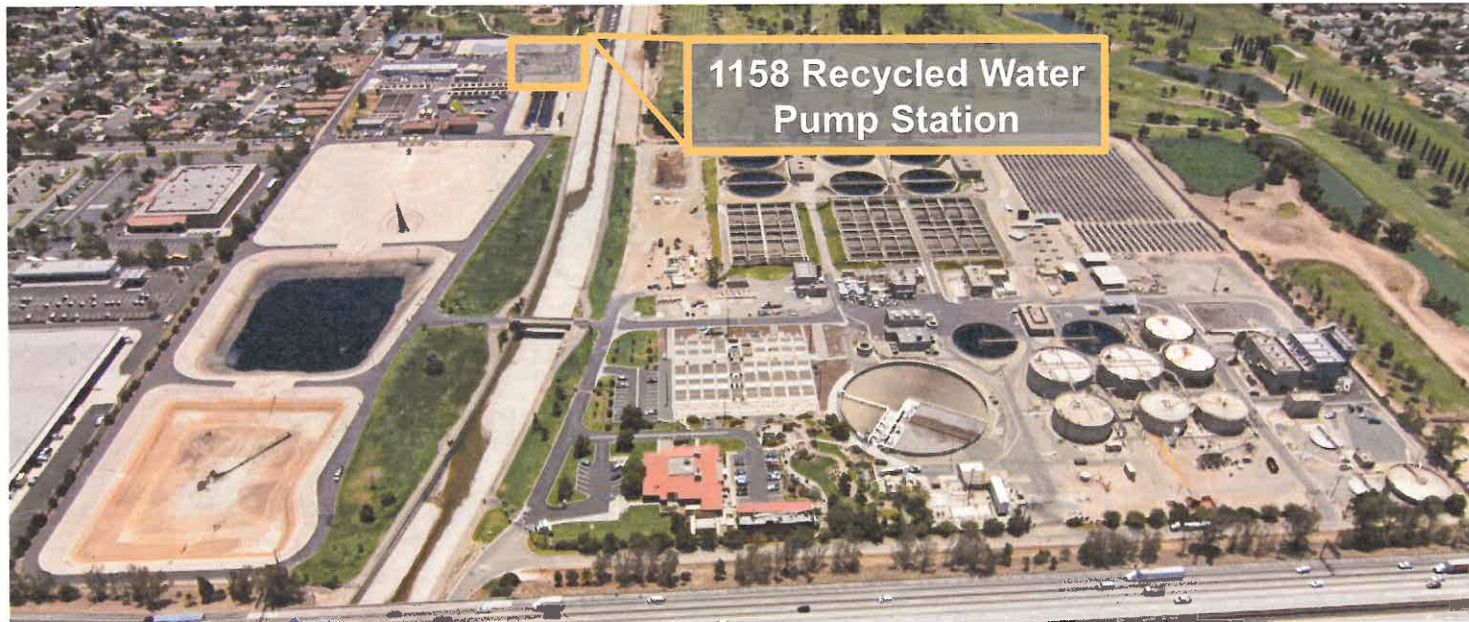
Attachment 1 - PowerPoint

Attachment 2 - Consultant Contract Amendment

RP-1 Recycled Water Pump Station Consultant Contract Amendment Project No. EN14042



Project Location: RP-1



The Project

- Current Project Scope
 - Replace existing 400 HP pumps with 700 HP pumps
 - Replace existing variable frequency drives
 - Replace existing surge tank with larger surge control system
- Proposed Amendment Scope
 - Replace two existing transformers
 - Replace existing isolation valves
 - Evaluate existing flow meter
 - Evaluate existing Power Center Building HVAC system



RP-1 1158 RWPS 400 HP Pumps



RP-1 1158 RWPS

Project Budget and Schedule

Description	Estimated Cost	Project Milestone	Date
Design Services	\$748,062	Design	
Design Contract (Original + Amendment No.1)	\$445,618	85% Design Completion	April 2018
Design Contract Amendment No. 2 (this action)	\$88,900	100% Design Completion	July 2018
IEUA Design Services (actuals)	\$116,199		
Remaining IEUA Design Services	\$97,345		
Construction Services	\$796,783	Construction	
Engineering Services During Construction (7%)	\$472,989	Construction Contract Award	October 2018
IEUA Construction Services (5%)	\$323,794	Construction Completion	November 2019
Construction	\$6,306,522		
Construction Contract (original scope estimate)	\$2,440,000		
Construction Contract (amended scope estimate)	\$3,293,202		
Contingency (10%)	\$573,320		
Total Project Cost	\$7,851,367		
Total Project Budget	\$4,000,000		
Total Remaining Budget	*(\$3,851,367)		

* The total project budget will be adjusted during the FY 2018/19 budget process. The project has a pending SRF loan.

Recommendation

- Approve a contract amendment for the RP-1 RW Pump Station Upgrades, Project No. EN14042, to Stantec for a not-to-exceed amount of \$88,900; and
- Authorize the General Manager to execute the contract amendment subject to non-substantive changes.

The RP-1 Recycled Water Pump Station Upgrades Project is consistent with **IEUA's Business Goal of Wastewater Management**, specifically the Asset Management objective that IEUA will ensure the treatment facilities are well maintained, upgraded to meet evolving requirements, sustainably managed, and can accommodate changes in regional water use.



CONTRACT AMENDMENT NUMBER: 4600002313-002
FOR CONSULTING ENGINEERING SERVICES
REGIONAL RECLAMATION PLANT NO. 1 (RP-1)
1158 RECYCLED WATER PUMP STATION UPGRADES
PROJECT NO. EN14042

AMENDMENT NUMBER ONE is made and entered into this _____ day of _____, 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 "Agency" and "IEUA") and Stantec Consulting Services, Inc., with offices located in Irvine, California (hereinafter referred to as "Consultant") for consulting services related to RP-1 1158 Recycled Water Pump Station Upgrades, Project No. EN14042, and shall revise the Contract as amended:

SECTION 4, SCOPE OF WORK AND SERVICES, IS HEREBY AMENDED TO ADD THE FOLLOWING:

Consultant shall also provide the additional consulting services outlined in Consultant's December 7, 2017 Proposal, which is referenced herein, attached hereto as **Exhibit A-002**, and incorporated herein by reference. Consultant shall provide such services at the time, place, and in the manner specified in **Exhibit A-002**, subject to the direction of the Agency through its staff.

SECTION 6, COMPENSATION, IS HEREBY AMENDED TO ADD THE FOLLOWING:

The **total NOT-TO-EXCEED** amount of the Contract, inclusive of this Amendment No. 2, is **\$534,518.00**, a net increase of \$88,900.00 as compensation for additional work represented by **Exhibit A-002**, for all services provided throughout the term of this Contract and as authorized by SAP Purchase Requisition 10043091.

ALL OTHER PROVISIONS OF THIS CONTRACT REMAIN UNCHANGED.

[Signature Page To Follow]

WITNESSETH, that the parties hereto have mutually covenanted and agreed as per the above amendment item(s), and in doing so have caused this document to become incorporated into the Contract Documents.

INLAND EMPIRE UTILITIES AGENCY:
(A MUNICIPAL WATER DISTRICT)

STANTEC CONSULTING SERVICES,
INC:

Halla H. Razak
General Manager

(Date)



Robert Reid
Principal-In-Charge

12/18/17
(Date)

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EXHIBIT A-002

{Consultant's December 7, 2017 Proposal}



Stantec Consulting Services Inc.
38 Technology Drive Suite 100, Irvine CA 92618-5312

December 7, 2017
File: 2042518702

Attention: John Scherck, CCM
Inland Empire Utilities Agency
6075 Kimball Avenue
Chino, CA 91708

Reference: Proposal for Second Contract Amendment for Additional Services for the RP-1 1158 Zone Recycled Water Pump Station Upgrades, Project EN14042

Dear John,

We are pleased to provide you with this proposal for the additional services related to the design of the 1158 Zone RW Pump Station Upgrades project. This proposal is provided at the request of the IEUA based on the review comments provided for the draft PDR. Additionally, a site visit was performed on September 26 where IEUA operation staff had the opportunity to explain the issues and basis for the request of the additional work to be done at the site. From the PDR review comments and site visit, Stantec understands the following additional work to be performed at the site:

- Energy Dissipation Valve (EDV) Facility
 - Isolation valves inspection/replacement
 - Justification will need to be provided for replacement of all valves
- 1158 RWPS Discharge Appurtenances
 - The pump discharge piping appurtenances will be evaluated for replacement including the existing pump connectors, air release valve, check valves, and isolation valves.
 - Removal and replacement of pressure gauges and hose bibs associated with discharge piping. This will include the fittings leading to the gauges and bibs. New fittings will be stainless steel.
 - Investigate flange connection of discharge piping prior to reentry into the subsurface header
 - Pipe recoating of above ground piping associated with the 1158 RW pump station project **only** - RP-1 Operations will address balance of pipe coating at PS
 - Existing discharge pipe will remain and not be replaced.



December 7, 2017
Page 2 of 5

Reference: Proposal for Second Contract Amendment for Additional Services for the RP-1 1158 Zone Recycled Water Pump Station Upgrades, Project EN14042

- Existing electrical conduit supports (currently galvanized) will be replaced with new stainless steel supports at each pump location.
- Other types of tilted disc valves/air relief valves will need to be considered. We understand that Operations prefers ARI, and manufacturers will be in accordance with IEUA Design Guidelines.
- Waste Washwater Basin drain valve inspection/replacement of the 12-inch valve with a new 12-inch butterfly valve
- 1158 RWPS flow meter and valve evaluations
 - Existing flow meter along the 42-inch pipeline from the 1158 RWPS is a 24-inch mag flow meter in a vault. The existing reducers are located outside the vault. The flow meter will need to be evaluated for adequacy for the capacity of the proposed 1158 RWPS Upgrades. If the size of the flow meter is found to be inadequate, we will prepare a design for replacement of the existing flow meter.
- Power Center Building
 - Improve air circulation in the building to mitigate hot spots
 - Remove or install solid steel plating over existing vents on the south side of the building to prevent escape of cool air
- Replace the existing Transformers

Based on the above, the following is brief description of the additional scope of services required to provide the additional work.

SCOPE

1. Additional Design Survey

Due to the additional locations of vaults, valves, and piping to be evaluated and shown on the plans, we will perform additional design survey services. Our survey crew will accurately provide ground elevations and horizontal and vertical locations of the necessary above ground features.

2. Additional Base Map Preparation

With the additional survey provided, we will update our current base map to include all of the facilities to be replaced or modified accurately on the plans.



December 7, 2017
Page 3 of 5

Reference: Proposal for Second Contract Amendment for Additional Services for the RP-1 1158 Zone Recycled Water Pump Station Upgrades, Project EN14042

3. Valve Replacement/Capacity Analysis

For each valve to be replaced we will perform the necessary evaluation of the existing valve, research for valve replacement type and manufacturer, and provide recommendations for IEUA. Justification for the replacement will be provided.

We will also perform a sizing evaluation of the existing 24-inch flow meter to verify the size required for the proposed flow rates. If the flow meter is found to be undersized, we will provide recommendations and design for the appropriate upsizing.

4. Power Center Building (PCB) Circulation

The existing air circulation within the room will be analyzed to improve the current air flow through existing floor vents to better diffuse the air or with the addition of fans.

Recommendations will be included with the mechanical design for the project. We anticipate that one more site visit to the power center building may be required if required information is not provided with the current as-builts of the facility. For budgetary purposes, we have assumed the improved air flow can be attained by providing diffusers at the current flow vents.

5. Prepare a Technical Memorandum to Address Valves/Piping/PCB

To help provide the necessary justification and assist with the determination of replacement recommendations to be done, we will prepare a brief technical memorandum. The technical memorandum will include a description of the operational concerns and current condition of the existing equipment. It is assumed a draft TM will be submitted for IEUA review and review workshop will be attended. A final TM will then be prepared. This TM is anticipated to be completed prior to the 85% submittal for the project.

6. Technical Memorandum to Replace Transformers

We will perform the following prior to the 85% submittal:

- Review the switchgear shop drawings to determine if space exists on the bus to add additional terminal lugs for additional conductors.
- Review the transformer shop drawings to determine the primary conduit entrance and secondary conduit exit locations.
- Review cut-sheets for new transformers to determine the primary conduit entrance and secondary conduit locations.
- Compare the locations determined in 2 and 3 to determine the amount of demolition, if any, that is required.



December 7, 2017
Page 4 of 5

Reference: Proposal for Second Contract Amendment for Additional Services for the RP-1 1158 Zone Recycled Water Pump Station Upgrades, Project EN14042

- Investigate the possibility of a two-winding secondary transformers (i.e. 480V and 4160V secondary's) to accommodate future loads and facility expansion.
- Prepare a Technical Memo (TM).
- Prepare an Opinion of Probable Cost (OPC).

7. Prepare Construction Plans

Construction plans will be prepared for the additional work items. Some of the improvements may be included or added to already proposed plan sheets. Some will require re-work to current 50% design drawings. Other work items will require a new plan sheet. Altogether, we anticipate the additional work to impact approximately nine (9) civil and mechanical plan sheets to provide the necessary design plan, sections, and details. We also anticipate up to an additional six (6) electrical sheets to address the replacing the transformers with the necessary demo, line diagrams, conductor schedules and details. A total of up to fifteen (15) additional plan sheets are proposed. We assume the additional construction plans will be incorporated with the 1158 RWPS Upgrades project with the 85%, 100% and final design submittals.

Due to the additional field work and design work to be included with the 85% submittal, we estimate the submittal of the 85% Design Submittal will be changed to be March 30, 2018 to accommodate the addition field work and transformer technical memorandum. The remaining schedule is as shown in the attached Project Schedule.

8. Prepare Equipment Specifications

Additional specifications will be required for the additional work items and for the new equipment that will replace the existing equipment. Additional specifications that were not originally thought to be utilized could include items such as check valves, isolation valves, and PCB ventilation improvements. Also, for the transformers there will be additional Division 16 specifications to be prepared.

9. Construction Cost Estimates

Construction cost estimates will be revised for the 85% and 100% submittals to include the additional work and equipment.

10. Project Management, Coordination, and Meetings

Additional project management and coordination time will be required for this project which will also include additional QA/QC time and meetings. We assume that the project will require one (1) additional workshop.



December 7, 2017
Page 5 of 5

Reference: Proposal for Second Contract Amendment for Additional Services for the RP-1 1158 Zone Recycled Water Pump Station Upgrades, Project EN14042

FEE

To perform the above scope of services, Stantec respectfully requests a budget of \$ 88,900 to be amended to the current contract.

We thank you for the opportunity to perform these additional engineering services. We have also attached a revised project design schedule. If you have any questions related to this proposal please do not hesitate to contact me.

Regards,

STANTEC CONSULTING SERVICES INC.

A handwritten signature in black ink, appearing to read 'Jeff Dunn'.

Jeff Dunn, PE
Senior Project Manager
Phone: (949) 923-6974
Fax: (949) 923-6121
jeff.dunn@stantec.com

Attachment: Budget Labor Hour and Costs Breakdown
Updated Project Schedule

dj v:\projects\2042518702\0_framework\6_change_orders\contract_amendment_2\let_proposal_contract_amendment2_en14042.docx

**Inland Empire Utilities Agency
 Contract Amendment No. 2 - RP-1 1158 Pump Station Upgrades Project No. EN14042
 Proposed Labor Hours and Budget**



	LABOR HOURS												TOTAL STANTEC LABOR HOURS	TOTAL STANTEC LABOR FEES	Other Direct Costs	TOTAL FEES
	Robert Reid, PE, CPA Principal-in-Charge	Jeff Dunn, PE Project Manager	Mechanical/ Project Engineer	Civil / Mechanical Design Engineer	Civil / Mechanical Designer / CAD	Electrical Engineer	Controls Engineer	Electrical Designer	Jim Stejnes, PLC Survey Manager	Survey Coordinator	Survey Analyst	Two Person Crew				
1 Additional Design Survey		1	2						2	2	6	16	29	\$ 6,414		\$ 6,414
2 Additional Base Map Preparation		2	4	6	8								20	\$ 2,934		\$ 2,934
3 Valve Replacement/Capacity Analysis	2	8	10	12									32	\$ 5,550		\$ 5,550
4 Power Center Building Circulation		4	12	24	16								56	\$ 8,188		\$ 8,188
5 Prepare Technical Memorandum for Valves/Piping/PCB	2	8	16	8	8								42	\$ 7,060		\$ 7,060
6 Prepare Technical Memorandum for Replacing Transformers		4	4			28		6					42	\$ 7,564	\$564	\$ 8,128
7 Prepare Construction Plans	10	18	46	56	66	24	10	40					270	\$ 41,922	\$800	\$ 42,722
8 Prepare Specifications	2	2	2										6	\$ 1,258	\$200	\$ 1,458
9 Revise Construction Cost Estimates	2	2	8										12	\$ 2,308		\$ 2,308
10 Additional Project Management, Coordination, and Meetings		8	4	2		8							22	\$ 4,138		\$ 4,138
Total Hours	18	57	108	108	98	60	10	46	2	2	6	16	531			
Total Fees	\$4,358	\$12,564	\$18,900	\$14,580	\$12,250	\$11,040	\$1,850	\$6,624	\$414	\$368	\$990	\$4,080		\$ 87,336	\$1,564	\$ 88,900

**CONSENT
CALENDAR
ITEM**

1G

Date: January 17, 2018

To: The Honorable Board of Directors

From: Halla Razak, General Manager

HR

Committee: Community & Legislative Affairs

01/10/18

Executive Contact: Kathy Besser, Executive Manager of Ext. Aff. & Policy Dev./AGM

Subject: Agency-wide Organizational Memberships and Affiliations

Executive Summary:

Each year in preparation for IEUA's fiscal year budget, the Board of Directors, by four-fifths vote, approves a resolution authorizing memberships and affiliations with certain organizations (California Water Code – Section 71597).

A listing of the proposed Agency-wide memberships greater than \$5,000, along with a brief summary of the benefits associated, is attached for the Board's review. The attached membership dues are estimates provided by the organizations. Agency-wide memberships are due throughout the fiscal year and can fluctuate from the provided estimates. Due to unknown fluctuations in renewal costs, staff proposes that a 5% contingency be included in the Board's approval. Any individual membership renewal with an increase greater than 10% will be brought back to the Board for approval.

Staff's Recommendation:

Adopt Resolution No. 2018-1-2, authorizing the Agency-wide organizational memberships for Fiscal Year 2018/19.

Budget Impact: Y *Budgeted (Y/N):* Y *Amendment (Y/N):* N *Requested Amount:* \$ 269,885

Account/Project Name:

Agency-wide Memberships

Fiscal Impact (explain if not budgeted):

The estimated total for FY 2018/19 Agency-wide memberships amounts to \$257,033; a 5% contingency equaling \$12,852 brings the requested amount to \$269,885.

Prior Board Action:

On December 21, 2016, the Board adopted Resolution No. 2016-12-1 authorizing the Agency-wide memberships for Fiscal Year 2017/18.

Environmental Determination:

Not Applicable

Business Goal:

Approving the Agency-wide Memberships is in line with IEUA's business practices goal of advocating for development of policies, legislation and regulations that benefit the region.

Attachments:

Attachment 1 - Resolution No. 2018-1-2

Attachment 2 - List of Agency-wide Organizational Memberships over \$5,000

RESOLUTION NO. 2018-1-2

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE
INLAND EMPIRE UTILITIES AGENCY*, SAN
BERNARDINO COUNTY, CALIFORNIA, AUTHORIZING
AGENCY-WIDE ORGANIZATIONAL MEMBERSHIPS
AND AFFILIATIONS**

WHEREAS, the Board of Directors of Inland Empire Utilities Agency* authorized Agency-wide memberships in and affiliations with various organizations which benefit the Agency; and

WHEREAS, Section 71597 of the California Water Code requires that Agency-wide memberships must be approved by at least four-fifths (4/5) majority of its Directors.

NOW, THEREFORE, the Board of Directors of Inland Empire Utilities Agency* does hereby RESOLVE, DETERMINE, AND ORDER as follows:

Section 1. That this Board of Directors does hereby approve and authorize the fiscal year Agency-wide annual memberships in and affiliation with, and authorize the General Manager to execute payment of membership fees to these organizations (see attachment).

Section 2. That this Board of Directors does hereby approve and authorize the General Manager, or in his/her absence, his/her designee, to approve all Agency-wide annual memberships in and affiliation with, and payment of membership fees to these organizations less than \$5,000.00.

Section 3. That the appropriation of funds necessary for the dues and/or fees associated with the Agency-wide memberships is hereby authorized.

Section 4. That the appropriation of funds necessary for the dues and/or fees associated with the Agency-wide memberships and employee professional memberships be authorized by the Board of Directors in the budget each fiscal year.

Section 5. Upon adoption of this resolution, Resolution No. 2016-12-1 is hereby rescinded in its entirety.

ADOPTED this 17th day of January 2018.

Steven J. Elie
President of the Inland Empire
Utilities Agency* and the Board
of Directors thereof

ATTEST:

Jasmin A. Hall
Secretary/Treasurer of the Inland Empire
Utilities Agency* and the Board
of Directors thereof

*A Municipal Water District

STATE OF CALIFORNIA)
)SS
COUNTY OF SAN BERNARDINO)

I, Jasmin A. Hall, Secretary/Treasurer of the Inland Empire Utilities Agency*, DO
HEREBY CERTIFY that the foregoing Resolution being No. 2018-1-2, was adopted at a regular
meeting on January 17, 2018, of said Agency by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Jasmin A. Hall
Secretary/Treasurer of the Inland
Empire Utilities Agency* and of the
Board of Directors thereof

(SEAL)

* A Municipal Water District

**AGENCY-WIDE MEMBERSHIPS BENEFIT SUMMARY
FY 2017/2018**

Membership	Board Representative	Estimated Dues
Association of California Water Agencies	Jasmin A. Hall	\$32,547 (4% increase)
California Association of Sanitation Agencies (CASA)	Jasmin A. Hall	\$19,957 (3.5% increase)
California Data Collaborative		\$10,000
California Special Districts Association (CSDA)	Jasmin A. Hall	\$7,253 (6% increase)
Isle Utilities		\$12,000
National Association of Clean Water Agencies (NACWA)		\$37,440 (4% increase)
National Water Research Institute (NWRI)	Steven J. Elie	\$50,000
Southern Cal. Alliance of Publicly Owned Treatment Works (SCAP)		\$15,001
Southern California Salinity Management Coalition		\$10,000
Southern California Water Committee (SCWC)	Steven J. Elie	\$25,000
Water Environment and Reuse Foundation (WE&RF)		\$16,560
WateReuse Association	Jasmin A. Hall	\$9,630

Agency-wide Memberships Over \$5,000

Association of California Water Agencies (ACWA):

ACWA is the lead water policy advocacy organization in California and provides members with cost savings through an additional voice in state and federal legislative and regulatory arenas.

ACWA's federal affairs, legislative and regulatory activities advance bills and issues of concern to members, while halting potentially damaging measures. Initiatives have included determining components of water bond legislation, Bay Delta Conservation Plan and Delta Plan advocacy, long term water infrastructure financing, and renewable energy policy.

Dues: \$32,547

California Association of Sanitation Agencies (CASA):

CASA serves as the lead advocacy group for wastewater agencies in California on legislative and regulatory issues. Since CASA employs legal representation, it is extremely effective on regulatory issues, particularly before the State Water Resources Control Board (SWRCB) and California Department of Health Services (CDPH), and has, in recent years, saved association members costs of individually having to address such issues as the proposed Whole Effluent Toxicity policy (WET) and draft SWRCB monitoring policy for Constituents of Emerging Concern in recycled water. CASA provides excellent technical, policy and regulatory guidance and lobbying support for sanitary districts throughout the state.

CASA maintains lobbyists in Sacramento and Washington, D.C., in addition to a Director of Regulatory Affairs. Priorities include adoption by SWRCB of acceptable WET policy, development with SWRCB of alternative approaches to nutrient issues to cost-effectively reduce impairments, and promotion of biosolids as a renewable energy resource. IEUA Directors and staff have worked closely with the CASA Executive Officer on several industry initiatives and have attended CASA conferences and meetings. Director Hall currently serves on the CASA Board of Directors and has attended several conferences, meetings and strategic planning sessions.

Dues: \$19,957

California Data Collaborative (CaDC):

CaDC is a coalition of water utilities that in January 2016 joined together to form a data infrastructure 501(c)3 non-profit to analyze and support water management efficiency and reliability objectives. Founding members included IEUA, Eastern Municipal Water District, Irvine Ranch Water District, Moulton Niguel Water District, East Bay Municipal Utility District, Santa Margarita Water District, Las Virgenes Municipal Water District, and UC Davis.

The goals of the CaDC are to merge water data with data science analytical tools, such as those utilized by Netflix and Microsoft. This is accomplished by working with a group of data scientists who ingest raw water usage and billing data from individual agencies, standardize the information, and make it available on a secure, centralized platform. This data can then be plugged into customized dashboards that were developed by water managers and analysts. Dashboards that have been developed over the past 18 months include an interactive rate modeling tool, a neighborhood level analysis of turf-rebate participation, and an in-process analysis of the impacts of proposed state water use efficiency standards.

Dues: \$10,000

California Special Districts Association (CSDA):

CSDA is a statewide association of various independent special districts whose primary function is legislative advocacy. In the past year, CSDA played a vital role in coordinating responses to major legislative initiatives that impacted special districts, including redevelopment agency reform, proposed property tax shifts, and pension reform, successfully pushing back on changes that would have been harmful or increased costs to special districts.

The Agency was awarded the Transparency Certificate from CSDA. The organization is very active on the legislative front working closely with our lobbyist on critical legislation that impacts the Agency. CSDA provides timely and essential training, including, but not limited to: Ethics, Board Secretary, Brown Act, and Proposition 26 and 218 requirements. CSDA also acts as a great resource for the Agency's self-insured programs.

Dues: \$7,253

Isle Utilities:

Isle is an independent technology and innovation consultancy comprised of highly skilled engineers and scientists that work to identify new innovative technologies in water, waste, the built environment, energy, and carbon.

The Isle membership includes participation in their global innovation forum, the Technology Approval Group (TAG). TAG is focused on evaluating technologies that may be applicable to our industry. As a member, we are presented with the evaluations and can participate in information sharing pertaining to the technology, as well as application of the technology at other agencies. IEUA can also submit potential technologies of interest, to TAG, who will vet the supplier as well as experience in our industry, gathering a significant amount of information on our behalf that we can use in determining applicability. TAG helps the Agency to maintain awareness of new ideas, new opportunities, and/or new technologies.

Dues: \$12,000

National Association of Clean Water Agencies (NACWA):

NACWA represents public wastewater and stormwater agencies of all sizes nationwide for over 40 years. As the recognized leader in legislative, regulatory, and legal advocacy, NACWA is the clean water sector's collective voice to EPA, Congress and government agencies nationwide. NACWA also provides a wide array of publications of practical and usable information for clean water utilities. Their advocacy alerts, legislative and regulatory news and updates, legal references, white papers, *and more*, ensure that clean water utilities have the knowledge base to make the right decisions and plan for a clean water future.

A main objective of NACWA is to evaluate clean water as a top national priority. This membership provides the Agency with a forum to discuss clean water and utility management with fellow utilities and industry leaders across the country.

Dues: \$37,440

National Water Research Institute (NWRI):

NWRI provides valuable research and policy guidance to the industry on important issues affecting the usage of water, wastewater, and recycled water. NWRI is highly regarded by the environmental regulatory community and often collaborates with regulators such as the California Division of Drinking Water and the Regional Water Quality Control Board at their request to provide expert panel support on water quality related issues. Through strategic partnerships with leading organizations in the water and wastewater industries, NWRI sponsors projects and programs focused on ensuring safe, reliable, sources of water for current and future generations. Notable areas of focus are treatment technology and regulatory aspects of recycled water use.

IEUA Board President Steve Elie currently serves on NWRI's Board of Directors. NWRI is active in research in the field of water reuse and has produced guidelines for such projects as development of direct and indirect potable reuse projects. NWRI provides technical expertise and is a respected venue for development of technical review panels, both of which assist the Agency to advance its programs. Specifically, IEUA will utilize an NWRI expert panel for its recycled water injection effort and has previously used an expert panel to further its recycled water recharge program. NWRI includes IEUA staff in its formation of technical panels, as appropriate, giving IEUA an opportunity to provide leadership in selected fields.

Dues: \$50,000

Southern California Alliance of Publicly Owned Treatment Works (SCAP):

SCAP is organized under the "strength-in-numbers" concept in order to ensure that environmental regulations applied in southern California are appropriate, reasonable and cost-effective. Through the committee efforts information is gathered and disseminated to

all members using the SCAP Monthly Update, published committee reports and periodic SCAP Alerts. SCAP provides specific leadership on key regulatory focus areas, such as air, water, energy, biosolids and collection systems, and works closely with CASA to communicate these issues at the state and federal level. Specialized committees have played an integral part in proactively affecting the outcome of proposed regulations that would have had significant economic impacts to the Agency.

IEUA participates in SCAP both with seats on the Board and multiple committees. The committees include the Cyber Security Committee and the Energy Management Committee. In 2017, IEUA hosted the Energy Management Committee and gave a tour of IEUA's energy storage project at RP-5.

Dues: \$15,001

Southern California Salinity Coalition:

Formed in 2000, IEUA is a founding member of the Coalition, which addresses the complex problems of salt management in southern California. The Southern California Salinity Coalition has financially assisted IEUA on the water softener reduction project and regional board regulatory issues and continues to sponsor new research that will support the Chino Basin in addressing long term salt management issues.

Agency staff actively participates and serves on the Board of Directors for this organization. The meetings are very productive and cover a lot of ground in the area of salinity management within the southern California region. The coalition does not hold conferences, but periodically holds workshops for various stakeholders in which the Agency participates. The coalition membership includes agencies such as LACSD, OCWD, MWD, EMWD, and SDCWA to name a few. Some of the past efforts of this organization included assistance in the development of public outreach materials on salt management and water softeners and contributing funding to help with IEUA's water softener study. The main focus of this group is to coordinate salinity management strategies for water and wastewater agencies throughout southern California.

Dues: \$10,000

Southern California Water Committee (SCWC):

SCWC is a nonprofit, nonpartisan public education partnership dedicated to informing Southern Californians about our water needs and our state's water resources. Through measured advocacy, SCWC works to ensure the health and reliability of Southern California's water supply.

In 2017, IEUA became one of seven founding members of SCWC. A founding membership includes all of the current basic membership benefits, as well as membership in the Stormwater Task Force, two tables at the annual dinner, including annual meeting and dinner recognition and a full-page ad in the tribute book, complementary invitations to all

quarterly meetings, workshops, briefings, special events, four guest columns in the weekly E-Newsletter at the member's discretion, prominent logo placement on SCWC's website, and promotional displays at the annual dinner and quarterly meetings. President Elie currently co-chairs the SCWC Legislative Task Force, which assists in educating members about advancing legislation and issues of concern to water agencies and associated members.

Dues: \$25,000

Water Environment and Reuse Foundation (WE&RF):

WE&RF is a charitable corporation seeking to identify, support, and disseminate research that enhances the quality and reliability of water for natural systems and communities with an integrated approach to resource recovery and reuse; while facilitating interaction among practitioners, educators, researchers, decision makers, and the public.

This organization supports research that enhances water quality and reliability. Agencies that practice resource recovery, especially water recycling, benefit from such integrated research that guides practitioners and regulators

Dues: \$16,560

WateReuse Association:

WateReuse Association is the lead advocate for water recycling in the nation. Membership in WateReuse includes state section membership. Regarding the use of recycled water, WateReuse Association has proactive programs, legislation, government relations, regulatory agency oversight, technology transfer and public education/outreach. At the national level, WateReuse Association is an advocate for Title XVI funding, and works closely with IEUA to ensure continued federal support for recycled water programs. The California section is active in legislative and regulatory affairs, and played a pivotal role in securing passage of IEUA's historic water softener legislation (AB1366).

IEUA benefits from membership in the WateReuse Association. The Agency participates in the bimonthly chapter meetings which cover a range of water topics, including: recycled water projects, potable reuse efforts, pilot and research projects, lessons learned, facility tours, funding opportunities, and other industry news and events. In October 2017, the Agency's Planning & Environmental Resources Department accepted a leadership role as President-Elect in the WateReuse' local Inland Empire Chapter to continue promoting the advancement of water reuse in the region. Many IEUA staff and board members have attended WateReuse conferences over the past few years. WateReuse is an advocate of IEUA's goal of increased use of recycled water.

Dues: \$9,630

Agency-wide Memberships Over \$5,000

Membership	Board Representative	Estimated Dues
Association of California Water Agencies	Jasmin A. Hall	\$32,547 (4% increase)
California Association of Sanitation Agencies (CASA)	Jasmin A. Hall	\$19,957 (3.5% increase)
California Data Collaborative		\$10,000
California Special Districts Association (CSDA)	Jasmin A. Hall	\$7,253 (6% increase)
Isle Utilities		\$12,000
National Association of Clean Water Agencies (NACWA)		\$37,440 (4% increase)
National Water Research Institute (NWRI)	Steven J. Elie	\$50,000
Southern Cal. Alliance of Publicly Owned Treatment Works (SCAP)		\$15,001
Southern California Salinity Management Coalition		\$10,000
Southern California Water Committee (SCWC)	Steven J. Elie	\$25,000
Water Environment and Reuse Foundation (WE&RF)		\$16,560
WateReuse Association	Jasmin A. Hall	\$9,630

Agency-wide Memberships \$5,000 and Under

Membership	Board Representative	Estimated Dues
California Water Efficiency Partnership (CalWEP)		3,781
Americas' SAP Users' Group		\$1,825
Alliance for Water Efficiency		\$1,540
Water Education Foundation (WEF)		\$1,372
National Safety Council		\$787
Fontana Chamber of Commerce		\$400
Ontario Chamber of Commerce		\$395
Montclair Chamber of Commerce		\$325
Chino Valley Chamber of Commerce		\$295
Rancho Cucamonga Chamber of Commerce		\$290
Association of San Bernardino County Special Districts	Steven J. Elie	\$275
Public Agency Risk Management Association (PARMA)		\$200
Upland Chamber of Commerce		\$160

**CONSENT
CALENDAR
ITEM**

1H

Date: January 17, 2018

To: The Honorable Board of Directors

From: Halla Razak, General Manager

Committee: Engineering, Operations & Water Resources

#HR

01/10/18

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

Subject: SCADA Programming Master Services Contract Award

Executive Summary:

Consistent with IEUA's Supervisory Control and Data Acquisition (SCADA) Master Plan, the control systems at IEUA's treatment plants will be migrated to a standardized software platform, Rockwell PlantPAX. The PlantPAX platform requires specific programming strategies to integrate the controls hardware into the treatment plant's monitoring system. This work will require significant programming efforts from specialized integrators and will be authorized on a per project basis. As new capital projects are constructed at RP-1, it is necessary to migrate the existing SCADA systems to the new platform.

IEUA pre-qualified integrators with the required experience and expertise to perform all necessary programming during the RP-1 migration to ensure the control systems are programmed consistently. Technical Systems, Inc. (TSI) was selected among two prospective integrators to perform all RP-1 programming services and provide on-call support as needed through January 2021.

Staff's Recommendation:

1. Award a three-year contract to Technical Systems, Inc., for PlantPAX programming and all associated support services required to maintain a standard controls platform for a not-to-exceed total amount of \$1,800,000; 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:

This agreement is for work required on various projects throughout the next three years. Funding for the work is included in each individual project and department O&M budget under various program funds.

Fiscal Impact (explain if not budgeted):

None.

Prior Board Action:

None.

Environmental Determination:

Not Applicable

Business Goal:

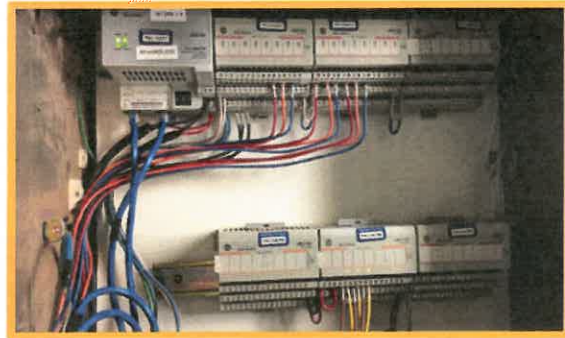
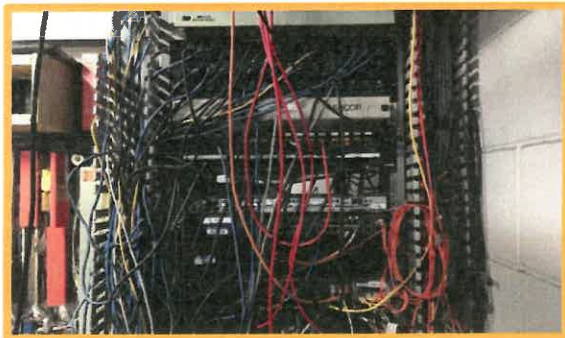
The SCADA Enterprise System Project is consistent with IEUA's Business Goal of Wastewater Management that ensures quality asset management and that systems are planned, constructed, and managed to protect public health, the environment, and meet anticipated regulatory requirements.

Attachments:

Attachment 1 - PowerPoint

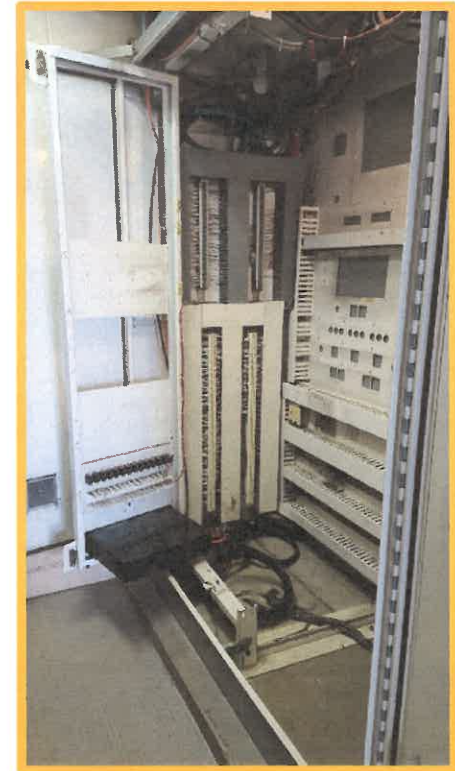
Attachment 2 - Programming Services Master Services Contract

RP-1 SCADA Programming to Technical Systems, Inc. Master Service Agreement



SCADA Migration Project Background

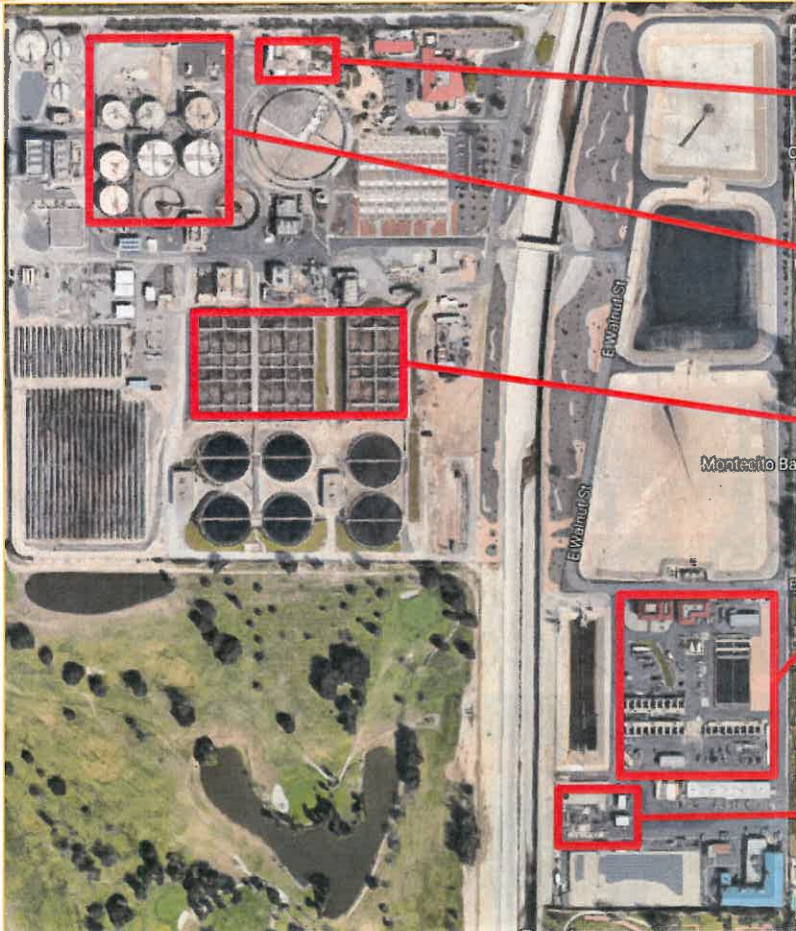
- SCADA Master Plan – Standardize control systems at IEUA facilities
 - Phase I (CCWRF) – Complete
 - Phase II (RP-4 & RP-5) – In design
 - Phase III (RP-1) – In pre-design
- All process equipment to be reprogrammed to Rockwell PlantPax standards
 - Requires specific training and experience



Control Panel

Service Agreement Benefits

- Several RP-1 capital projects scheduled in the next three years
 - Require PlantPax programming
- Projects span different process areas
- Allows for standard programming strategy



Headworks Upgrades
Completion – Dec 2018

Digester Gas Flare Improvements
Completion – Aug 2019

Mixed Liquor Return Pumps
Completion – Apr 2018

Disinfection Improvements
Completion – Oct 2018

1158 Recycled Water
Pump Station Upgrades
Completion – Oct 2019

Consultant Selection

- Two proposals received on December 5, 2017
- Evaluation and Selection Committee
 - Engineering and Construction Management
 - Maintenance Department
- Evaluation criteria for selection:
 - Qualifications and experience
 - Project scope understanding
 - Availability of resources
 - Level of effort
- Justification for selecting TSI
 - Success in CCWRF migration
 - More available resources than ATSI, which is programming RP-4/RP-5

Proposals Received

Technical Systems, Inc. (TSI)

Advanced Telemetry Systems, Inc.
(ATSI)

Agreement Scope and Budget

- Assistance on controls design and process control narrative development
- On-call services for system maintenance
- All programming, testing, training, and startup services to support control systems and reporting software
- Estimated cost for services over three years = \$1,800,000
 - Programming task orders to be funded through individual project budgets (\$1.6M)
 - On-call services to be funded through maintenance budget (\$200k)

Recommendation

- Award a three-year contract to Technical Systems, Inc., for PlantPAX programming at RP-1 and all associated support services required to maintain a standard controls platform for a not-to-exceed total amount of \$1,800,000; and
- Authorize the General Manager to execute the contract subject to non-substantive changes.

The SCADA Enterprise System Project is consistent with the *IEUA's Business Goal of Wastewater Management* that ensures quality asset management and that systems are planned, constructed, and managed to protect public health, the environment, and meet anticipated regulatory requirements.



MASTER SERVICES CONTRACT NUMBER: 4600002467
FOR PROVISION OF
SCADA PROGRAMMING SERVICES

THIS CONTRACT (the "Contract"), 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 Technical Systems, Inc., with offices in Lynnwood Washington and Irvine California (hereinafter referred to as "Consultant"), in order to establish mutually acceptable terms and conditions which will hold for and govern all "Task Order" releases subsequently issued under this Master Services Contract.

RECITALS

Whereas the Agency anticipates future need(s) to retain the services of the Consultant to provide professional programming services on an "as needed" Task Order assignment basis;

Whereas the Consultant is willing to undertake performance of such Task Order assignments under which the terms and conditions set forth herein shall apply;

THEREFORE, in consideration of the mutual promises and obligations set forth herein, the parties hereby agree as follows:

ORDER OF PRECEDENCE: The documents referenced below constitute the Contract Documents and are each hereby incorporated herein. In the event of any conflicts or inconsistencies between any of the Contract Documents, the governing order of precedence shall be as follows:

- A. Amendments to Task Order releases under this Master Services Contract.
- B. Task Order releases under this Master Services Contract.
- C. Amendments to this Master Services Contract No. 4600002467.
- D. Master Services Contract Number 4600002467, General Terms and Conditions.
- E. IEUA Request for Proposals RFP-RW-17-041 and Addendum Number One, both incorporated herein by this reference.
- F. Consultant's Project Rates and Fee Schedule (**Attachment 1**).

1. SCOPE OF WORK AND SERVICES: Consultant shall provide all labor, research, documents, software, tools, and other items and services necessary to properly perform the Work as set for in each individual Task Order agreed to and released under this Master Services Contract, including exhibits, addenda, and amendments hereto. The Work shall be carried out in accordance with the Contract Documents in a workmanlike manner, utilizing qualified personnel. All resources utilized under this contract shall be covered by a signed copy of Agency's "Waiver/Release of Liability" form, attached hereto, referenced herein, and made a part hereof as **Attachment 2**. Further, Consultant shall perform only those work assignments authorized by Task Orders issued in conjunction with this Contract.

The Task Orders issued under this agreement shall include the services to be provided by the Consultant in accordance with IEUA Request for Proposals RFP-RW-17-041 and Addendum Number One, both incorporated herein by this reference.

2. Ordering Provisions and Understandings

Negotiation of Task Orders: Agency and Consultant each reserve and retain the right to negotiate the Scope of Work, price, and term of any specific Task Order. However, both parties agree that the various proposed labor and expense rates used to develop each Task Order's price will be consistent with those specified within **Attachment 1**, Consultant's Project Rates, attached hereto, referenced herein, and made a part hereof.

Task Order Price: A firm fixed price or not-to-exceed price for each Task Order will be addressed and authorized via the content of each specific Task Order.

Task Order Format: Each Task Order issued under this Master Services Contract will be based on **Attachment 3**, referenced herein and attached hereto as "Sample Task Order Template."

Task Order Assignment Method:

- a. As the need for work arises, specific Statements of Work will be forwarded to Consultant for purposes of Task Order proposal formulation. If the Consultant desires to propose for award of the Work, the Consultant shall respond no-later-than the specified proposal submittal date/time, (which shall be not less than five [5] working days after solicitation issuance) with submittal of a price and technical proposal (if applicable) to perform the requested services. This proposal will be reviewed and, if selected by the Agency, negotiated (if required) to develop mutually-agreed-upon Task Order content and price. Each Task Order will designate a specific Scope of Work,

schedule, firm-fixed or not-to-exceed compensation, and other specifications and terms particular to the Work. Upon agreement and execution by both parties, the Task Order will be released, a written notice-to-proceed order will be issued and the Consultant may then begin performance of the Work provided for under the executed Task Order.

- b. There is neither a maximum nor minimum number of Task Orders that may be issued under this Contract. Further, there is no guarantee that any Task Orders will be released against this Contract. Conversely, multiple Task Orders may be issued requiring work in support of concurrent projects.
 - c. Any Task Order executed during the term of this Contract, and not completed within the term of this Contract, shall nevertheless be completed within the time specified in the Task Order. This Contract shall govern the rights and obligations of the parties with respect to that Task Order to the same extent as if it were being completed within the Contract's term.
 - d. Each Task Order executed hereunder, including any changes to or terminations of such Task Orders, shall be automatically incorporated into this Contract, and therefore shall be subject to the terms and conditions of this Contract.
3. **TERM OF CONTRACT AND OPTION:** The initial term of this Contract shall extend from the date of IEUA's Notice to Proceed and terminate on January 31, 2021, unless agreed to by both parties, reduced to writing, and formally incorporated as an amendment to this Contract. Additionally, at the unilateral discretion and option of the Agency, the Consultant shall agree to allow the Agency to extend this Contract on an annual basis, up to a total Contract term of four (4) additional years. In the event the Agency desires to exercise the Contract extension option provided for in this Section, the Agency shall provide written notice to the Consultant, prior to the expiration of the original Contract term.
4. **SCHEDULE:** The Consultant shall complete the Work specified by each Task Order in accordance with the schedule established within said Task Order. All Work shall be fully finished no later than the date specified in said Task Order, unless terminated sooner or extended as provided for herein.
5. **INVOICING, PAYMENT DISCOUNT & PAYMENT:** Throughout the term of this Contract, Consultant's invoices issued in conjunction with "time and materials" Task Orders may be submitted on a semi-monthly basis and shall be calculated in accordance with the Consultant's labor and expense Project Rates and Fee Schedule specified within **Attachment 1**.

Agency shall pay the full/approved invoice amount within thirty (30) days following receipt of the invoice. Payment will be withheld for any service which does not meet the requirements of this Contract or the associated Task Order, until such service is revised, the invoice resubmitted and accepted by the Project Manager.

Consultant's invoices shall include reference to "Contract Number 4600002467" and the associated Task Order Number. All original invoices shall be submitted electronically via email to apgroup@ieua.org. Should Consultant engage in any public works activity in excess of \$25,000.00 in billing value, Consultant shall provide with all public works invoicing certified payroll verifying that Consultant has paid prevailing wage in accordance with the Department of Industrial Relations requirements as stipulated in SB-854 [<http://www.dir.ca.gov/Public-Works/Certified-Payroll-Reporting.html>].

6. COMPENSATION AND CHANGES: Funding for the Task Orders authorized by this Contract shall be obligated from individual IEUA Projects. As compensation for the Work satisfactorily performed against Task Order releases under this Contract, Agency shall pay Consultant a **NOT-TO-EXCEED MAXIMUM OF \$1,800,000.00** for all products and services furnished in conjunction with this Contract. Any additional products/services/costs must be approved in advance by the Agency's Contract Administrator, and a subsequent Task Order, or Task Order Amendment, for the additional work must be issued and bi-laterally executed.
7. CONTROL OF THE WORK: Consultant shall perform the Work in compliance with the Task Order-specified Work Schedule. If performance of the Work falls behind schedule, the Consultant shall accelerate the performance of the Work to comply with the Work Schedule as directed by the Project Manager. If the nature of the Work is such that Consultant is unable to accelerate the Work, Consultant shall promptly notify the Project Manager of the delay, the causes of the delay, and submit a proposed revised Work Schedule for consideration by the Project Manager.
8. FITNESS FOR DUTY:
 - A. Fitness: Consultant's personnel on the Jobsite:
 1. Shall report for work in a manner fit to do their job;
 2. Shall not be under the influence of or in possession of any alcoholic beverages or of any controlled substance (except a controlled substance as prescribed by a physician so long as the performance or safety of the Work is not affected thereby); and

3. Shall not have been convicted of any serious criminal offense which, by its nature, may have a discernible adverse impact on the business or reputation of Agency.

B. Confined Space Work:

1. Precautions and Programs:

a. The Consultant or their Contractor shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the work or the activities of subconsultants, suppliers, and others at the work site.

b. The Consultants or Contractors and subconsultants or subcontractors shall comply with the provisions of the Safety and Health Regulations for Construction, promulgated by the Secretary of Labor under Section 107 of the "Contract Work Hours and Safety Standards Act," as set forth in Title 29 C.F.R. If the Agency is notified of an alleged violation of the Occupational Safety and Health Standards referred to in this Section and it is established that there is a violation, the Consultant shall be subject to liquidated damages as provided in the Contract.

c. The Consultant or Contractor and all subconsultants or subcontractors shall comply with the provisions of the Occupational Safety and Health Standards, promulgated by the United States Secretary of Labor under the "Occupational Safety and Health Act of 1970," as set forth in Title 29, C.F.R. Where an individual State act on occupational safety and health standards has been approved by federal authority, then the provisions of said state act shall control.

d. The Consultant or Contractor shall take all necessary precautions for the safety of, and shall provide the necessary supervision, control, and direction to prevent damage, injury, or loss to:

1) All employees on the work or work site and other persons and organizations who may be affected thereby;

2) All the work and materials and equipment to be incorporated therein, whether in storage or on or off the work site; and

3) All other property at the site. Property of Consultant and all subconsultants left on-site shall be governed by **Attachment 2**, which is attached hereto, referenced herein, and made a part hereof. Signed copies shall remain on file with the IEUA Project Manager as part of the project file.

e. Contract work requiring confined space entry must follow Cal-OSHA

Regulation 8 CCR, Sections 5157 - 5158. This regulation requires the following to be submitted to IEUA for approval prior to the start of the project:

- 1) *Proof of training on confined space procedures, as defined in Cal-OSHA Regulation 8 CCR, Section 5157. This regulation also requires the following to be submitted to IEUA for approval prior to the entry of a confined space:*
- 2) *A written plan that includes identification of confined spaces within the construction site, alternate procedures where appropriate, Consultant provisions, specific procedures for permit-required and non-permit required spaces, and a rescue plan.*

f. The Consultant or Contractor must also submit a copy of their Safety Program or Injury and Illness Prevention Program (IIPP) prior to the start of the project for approval by the Safety Department.

9. **INSURANCE:** During the term of this Contract, the Consultant shall maintain at Consultant's sole expense, the following insurance.

A. **Minimum Scope of Insurance:** Coverage shall be at least as broad as:

1. **General Liability:** Insurance Services Office (ISO) Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than \$1,000,000 per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (ISO CG 25 03 or 25 04) or the general aggregate limit shall be twice the required occurrence limit.
2. **Automobile Liability:** ISO Form Number CA 00 01 covering any auto (Code 1), or if Consultant has no owned autos, covering hired, (Code 8) and non-owned autos (Code 9), with limit no less than \$1,000,000 per accident for bodily injury and property damage.
3. **Workers' Compensation and Employers Liability:** Workers' compensation limits as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease.
4. **Professional Liability (Errors and Omissions):** Insurance appropriate to the Consultant's profession, with limit no less than \$1,000,000 per occurrence or claim, \$2,000,000 aggregate.

B. Deductibles and Self-Insured Retention: Any deductibles or self-insured retention must be declared to and approved by the Agency. At the option of the Agency, either: the insurer shall reduce or eliminate such deductibles or self-insured retention as respects the Agency, its officers, officials, employees and volunteers; or the Consultant shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

C. Other Insurance Provisions: The policies are to contain, or be endorsed to contain, the following provisions:

1. General Liability and Automobile Liability Coverage
 - a. Additional Insured Status: The Agency, its officers, officials, employees, and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the Consultant including materials, parts or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Consultant's insurance (at least as broad as ISO Form CG 20 10 11 85 or **both** CG 20 10, CG 20 26, CG 20 33, or CG 20 38; **and** CG 20 37 forms if later revisions used).
 - b. Primary Coverage: The Consultant's insurance coverage shall be primary insurance coverage at least as broad as ISO CG 20 01 04 13 as respects the Agency, its officer, officials, employees and volunteers. Any insurance or self-insurance maintained by the Agency, its officers, officials, employees, volunteers, property owners or engineers under contract with the Agency shall be excess of the Consultant's insurance and shall not contribute with it.
 - c. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Agency, its officers, officials, employees or volunteers.
 - d. The Consultant's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
 - e. The Consultant may satisfy the limit requirements in a single policy or multiple policies. Any Such additional policies written as excess insurance shall not provide any less coverage than that provided by the first or primary policy.
2. Workers' Compensation and Employers Liability Coverage

Consultant hereby grants to Agency a waiver of any right to subrogation which any insurer of said Consultant may acquire against the Agency by virtue of the payment of any loss under such insurance. Consultant agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the Agency has received a waiver of subrogation endorsement from the insurer.

3. All Coverages

Each insurance policy required by this contract shall be endorsed to state that coverage shall not be suspended, voided, canceled by either party, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the Agency.

D. Acceptability of Insurers: Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A minus:VII, and who are admitted insurers in the State of California.

E. Verification of Coverage: Consultant shall furnish the Agency with original certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by the Agency before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the Consultant's obligation to provide them. The Agency reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.

F. Submittal of Certificates: Consultant shall submit all required certificates and endorsements to the following:

Inland Empire Utilities Agency, a Municipal Water District
Attn: Ms. Angela Witte, Risk Specialist
P.O. Box 9020
Chino Hills, CA 91709
Via Email: awitte@ieua.org

10. LEGAL RELATIONS AND RESPONSIBILITIES

A. Professional Responsibility: The Consultant shall be responsible, to the level of competency presently maintained by other practicing professionals performing the same or similar type of work.

B. Status of Consultant: The Consultant is retained as an independent Consultant only, for the sole purpose of rendering the services described herein, and is not an employee of the Agency.

C. Observing Laws and Ordinances: The Consultant shall keep itself fully informed of all existing and future state and federal laws and all county and city ordinances and regulations which in any manner affect the conduct of any services or tasks performed under this Contract, and of all such orders and decrees of bodies or tribunals having any jurisdiction or authority over the same. The Consultant shall at all times observe and comply with all such existing and future laws, ordinances, regulations, orders and decrees, and shall protect and indemnify, as required herein, the Agency, its officers, employees and agents against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, order or decree, whether by the Consultant or its employees.

D. Subcontracted Services: Any subcontracts for the performance of any services under this Contract shall be subject to the prior written approval of the Project Manager.

E. Grant Funded Projects: The Consultant shall be responsible to comply with all grant requirements specified within any Task Order assignments. These may include, but shall not be limited to: Davis-Bacon Act, Endangered Species Act, Executive Order 11246 (Affirmative Action Requirements), Equal Opportunity, Competitive Solicitation, Records Retention and Public Access to Records, and Compliance Review. Consultant shall be advised for each Task Order issued if Work is grant funded.

F. Liens: Consultant shall pay all sums of money that become due from any labor, services, materials or equipment furnished to Consultant on account of said services to be rendered or said materials to be furnished under this Contract and that may be secured by any lien against the Agency. Consultant shall fully discharge each such lien at the time performance of the obligation secured matures and becomes due.

G. Indemnification: Consultant shall indemnify the Agency, its directors, employees and assigns, and shall defend and hold them harmless from all liabilities, demands, actions, claims, losses and expenses, including reasonable attorneys' fees, which arise out of or are related to the negligence, recklessness or willful misconduct of the Consultant, its directors, employees, agents and assigns, in the performance of work under this contract. Notwithstanding the foregoing, to the extent that, should any Task Order include design professional services under Civil Code Section 2782.8, such duties of Consultant to defend and to indemnify Agency shall only be to the full extent permitted by Civil Code Section 2782.8.

H. Conflict of Interest: No official of the Agency who is authorized in such capacity and on behalf of the Agency to negotiate, make, accept or approve, or to take part in negotiating, making, accepting or approving this Contract, or any subcontract relating to services or tasks to be performed pursuant to this Contract, shall become directly or indirectly personally interested in this Contract.

I. Equal Opportunity: During the performance of this Contract, the Consultant shall not unlawfully discriminate against any employee or employment applicant because of race, color, religion, sex, age, marital status, ancestry, physical or mental disability, sexual orientation, veteran status or national origin.

J. Non-Conforming Work: Consultant represents that the Work and Documentation shall meet the standard of care of Consultant's profession. For a period of not less than one (1) year after acceptance of the completed Work, Consultant shall, at no additional cost to Agency, correct any and all agreed-to errors in the Work or Documentation, regardless of whether any such errors are brought to the attention of Consultant by Agency, or any other person or entity. Consultant shall within three (3) calendar days, correct any error that renders the Work or Documentation dysfunctional or unusable and shall correct other errors within thirty (30) calendar days after Consultant's receipt of notice of the error. Upon request of Agency, Consultant shall correct any such error deemed important by Agency in its sole discretion to Agency's continued use of the Work or Documentation within seven (7) calendar days after Consultant's receipt of notice of the error. If the Project Manager rejects all or any part of the Work or Documentation as unacceptable and agreement to correct such Work or Documentation cannot be reached without modification to the Contract, Consultant shall notify the Project Manager, in writing, detailing the dispute and reason for the Consultant's position. Any dispute that cannot be resolved between the Project Manager and Consultant shall be resolved in accordance with the provisions of this Contract.

K. Disputes:

1. All disputes arising out of or in relation to this Contract shall be determined in accordance with this section. The Consultant shall pursue the work to completion in accordance with the instruction of the Agency's Project Manager notwithstanding the existence of dispute. By entering into this Contract, both parties are obligated, and hereby agree, to submit all disputes arising under or relating to the Contract which remain unresolved after the exhaustion of the procedures provided herein, to mediation.
2. Any and all disputes during the pendency of the work shall be subject to resolution by the Agency Project Manager and the Consultant shall comply,

pursuant to the Agency Project Manager instructions. If the Consultant is not satisfied with any such resolution by the Agency Project Manager, they may file a written protest with the Agency Project Manager within seven (7) calendar days after receiving written notice of the Agency's decision. Failure by Consultant to file a written protest within seven (7) calendar days shall constitute waiver of protest, and acceptance of the Agency Project Manager's resolution. The Agency's Project Manager shall submit the Consultant's written protests to the General Manager, together with a copy of the Agency Project Manager's written decision, for his or her consideration within seven (7) calendar days after receipt of said protest(s). The General Manager shall make his or her determination with respect to each protest filed with the Agency Project Manager within ten (10) calendar days after receipt of said protest(s). If Consultant is not satisfied with any such resolution by the General Manager, they may file a written request for mediation with the Project Manager within seven (7) calendar days after receiving written notice of the General Manager's decision.

3. In the event of mediation, the parties hereto agree that there shall be a single neutral Mediator who shall be selected in the following manner:
 - a. The Demand for a Mediator shall include a list of five names of persons acceptable to the Consultant to be appointed as Mediator. The Agency shall determine if any of the names submitted by Consultant are acceptable and, if so, such person will be designated as Mediator.
 - b. In the event that none of the names submitted by Consultant are acceptable to Agency, or if for any reason the Mediator selected in Step (a) is unable to serve, the Agency shall submit to Consultant a list of five names of persons acceptable to Agency for appointment as Mediator. The Consultant shall, in turn, have seven (7) calendar days in which to determine if one such person is acceptable.
4. Joinder in Mediation/Arbitration: The Agency may join the Consultant in mediation or arbitration commenced by an agreement mediator on the Project pursuant to Public Contracts Code Sections 20104 et seq. Such joinder shall be initiated by written notice from the Agency's representative to the Consultant.

11. OWNERSHIP OF MATERIALS AND DOCUMENTS/CONFIDENTIALITY: The Agency retains ownership of any and all partial or complete reports, drawings, plans, notes, computations, lists, and/or other materials, documents, information, or data prepared by the

Consultant and/or the Consultant's subConsultant(s) pertaining to this Contract. Said materials and documents are confidential and shall be available to the Agency from the moment of their preparation, and the Consultant shall deliver same to the Agency whenever requested to do so by the Project Manager and/or Agency. The Consultant agrees that same shall not be made available to any individual or organization, private or public, without the prior written consent of the Agency. Any reuse of such documents for other than the specific purpose, intended as stated herein, shall be at the sole risk of the user, and without liability or legal exposure to the Consultant.

Notwithstanding any provision to the contrary contained in this Contract, Consultant shall retain sole ownership to its preexisting information including but not limited to computer programs, software, standard details, figures, templates and specifications.

When transferring data in electronic media format, Consultant makes no representation as to long term compatibility, usability, or readability of documents resulting from the use of software application packages, operating systems, or computer hardware differing from those used by Consultant at the beginning of the Project.

Because data stored in electronic media format can deteriorate or be modified inadvertently or otherwise without authorization of the data's creator, the party receiving electronic files agrees that it will perform acceptance tests or procedures within sixty (60) days of receipt, after which the Agency shall have deemed to have accepted the data transferred. Any errors detected within the sixty days will be corrected by the Consultant at no additional cost to the Agency. Consultant shall not be responsible to maintain documents stored in electronic media format after acceptance by the Agency. The original hard copy of the documents containing the professional engineer's seal shall take precedence over the electronic documents.

12. PUBLIC RECORDS POLICY: Information made available to the Agency may be subject to the California Public Records Act (Government Code Section 6250 et seq.) The Agency's use and disclosure of its records are governed by this Act. The Agency shall use its best efforts to notify Consultant of any requests for disclosure of any documents pertaining to Consultant.

In the event of litigation concerning disclosure of information Consultant considers exempt from disclosure; (e.g., Trade Secret, Confidential, or Proprietary) Agency shall act as a stakeholder only, holding the information until otherwise ordered by a court or other legal process. If Agency is required to defend an action arising out of a Public Records Act request for any of the information Consultant has marked "Confidential," "Proprietary," or "Trade Secret," Consultant shall defend and indemnify Agency from all liability, damages, costs, and expenses, including attorneys' fees, in any action or proceeding arising under the California Public Records Act.

13. TITLE AND RISK OF LOSS:

- A. Documentation: Title to the Documentation shall pass to Agency when prepared; however, a copy may be retained by Consultant for its records and internal use. Consultant shall retain such Documentation in a controlled access file, and shall not reveal, display or disclose the contents of the Documentation to others without the prior written authorization of Agency or for the performance of Work related to the PROJECT.
- B. Material: Title to all Material, field or research equipment, and laboratory models, procured or fabricated under the Contract shall pass to Agency when procured or fabricated, and such title shall be free and clear of any and all encumbrances. Consultant shall have risk of loss of any Material or Agency-owned equipment of which it has custody.
- C. Disposition: Consultant shall dispose of items to which Agency has title as directed in writing by the Contract Administrator and/or Agency.

14. PROPRIETARY RIGHTS:

- A. Rights and Ownership: Agency's rights to inventions, discoveries, trade secrets, patents, copyrights, and other intellectual property, including the Information and Documentation, and revisions thereto (hereinafter collectively referred to as "Proprietary Rights"), used or developed by Consultant in the performance of the Work, shall be governed by the following provisions:
 - 1. Proprietary Rights conceived, developed, or reduced to practice by Consultant in the performance of the Work shall be the property of Agency, and Consultant shall cooperate with all appropriate requests to assign and transfer same to Agency.
 - 2. If Proprietary Rights conceived, developed, or reduced to practice by Consultant prior to the performance of the Work are used in and become integral with the Work or Documentation, or are necessary for Agency to have complete enjoyment of the Work or Documentation, Consultant shall grant to Agency a non-exclusive, irrevocable, royalty-free license, as may be required by Agency for the complete enjoyment of the Work and Documentation, including the right to reproduce, correct, repair, replace, maintain, translate, publish, use, modify, copy or dispose of any or all of the Work and Documentation and grant sublicenses to others with respect to the Work and Documentation.

3. If the Work or Documentation includes the Proprietary Rights of others, Consultant shall procure, at no additional cost to Agency, all necessary licenses regarding such Proprietary Rights so as to allow Agency the complete enjoyment of the Work and Documentation, including the right to reproduce, correct, repair, replace, maintain, translate, publish, use, modify, copy or dispose of any or all of the Work and Documentation and grant sublicenses to others with respect to the Work and Documentation. All such licenses shall be in writing and shall be irrevocable and royalty-free to Agency.

B. No Additional Compensation: Nothing set forth in this Contract shall be deemed to require payment by Agency to Consultant of any compensation specifically for the assignments and assurances required hereby, other than the payment of expenses as may be actually incurred by Consultant in complying with this Contract.

15. INFRINGEMENT: Consultant represents and warrants that the Work and Documentation shall be free of any claim of trade secret, trade mark, trade name, copyright, or patent infringement or other violations of any Proprietary Rights of any person.

Consultant shall defend, indemnify and hold harmless, Agency, its officers, directors, agents, employees, successors, assigns, servants, and volunteers free and harmless from any and all liability, damages, losses, claims, demands, actions, causes of action, and costs including reasonable attorney's fees and expenses arising out of any claim that use of the Work or Documentation infringes upon any trade secret, trade mark, trade name, copyright, patent, or other Proprietary Rights.

Consultant shall, at its expense and at Agency's option, refund any amount paid by Agency under the Contract, or exert its best efforts to procure for Agency the right to use the Work and Documentation, to replace or modify the Work and Documentation as approved by Agency so as to obviate any such claim of infringement, or to put up a satisfactory bond to permit Agency's continued use of the Work and Documentation.

16. NOTICES: Any notice may be served upon either party by delivering it in person, or by depositing it in a United States Mail deposit box with the postage thereon fully prepaid, and addressed to the party at the address set forth below:

Agency: Warren T. Green
Manager of Contracts and Procurement
Inland Empire Utilities Agency, a Municipal Water District
P.O. Box 9020
Chino Hills, California 91709

Consultant: Brad Peistrup
Sr. Vice President - Business Development
Technical Services, Inc.
Southern California Office: 36-B Mauchly
Irvine, CA 92618

Washington Office: 2303 196th Street SW
Lynnwood, WA 98036

Any notice given hereunder shall be deemed effective in the case of personal delivery, upon receipt thereof, or, in the case of mailing, at the moment of deposit in the course of transmission with the United States Postal Service.

17. SUCCESSORS AND ASSIGNS: All of the terms, conditions and provisions of this Contract shall inure to the benefit of and be binding upon the Agency, the Consultant, and their respective successors and assigns. Notwithstanding the foregoing, no assignment of the duties or benefits of the Consultant under this Contract may be assigned, transferred or otherwise disposed of without the prior written consent of the Agency; and any such purported or attempted assignment, transfer or disposal without the prior written consent of the Agency shall be null, void and of no legal effect whatsoever.
18. RIGHT TO AUDIT: The Agency reserves the right to review and/or audit all Consultants' records related to the work assigned by subsequent Task Orders. The option to review and/or audit may be exercised during the term of the Contract, upon termination, upon completion of the Contract, or at any time thereafter up to twelve (12) months after final payment has been made to Consultant. The Consultant shall make all records and related documentation available within three (3) working days after said records are requested by the Agency.
19. INTEGRATION: The Contract Documents represent the entire agreement of the Agency and the Consultant as to those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters covered by the Contract Documents. This Contract may not be modified, altered or amended except by written mutual agreement by the Agency and the Consultant.
20. GOVERNING LAW: This Agreement is to be governed by and constructed in accordance with the laws of the State of California.
21. TERMINATION FOR CONVENIENCE: The Agency reserves and has the right to immediately suspend, cancel or terminate this Agreement at any time upon written notice

to the Consultant. In the event of such termination, the Agency shall pay Consultant for all authorized and Consultant-invoiced services up to the date of such termination.

22. FORCE MAJEURE: Neither party shall hold the other responsible for the effects of acts occurring beyond their control; e.g., war, riots, strikes, natural disasters, etc.
23. CHANGES: The Agency may, at any time, make changes to a given Task Order's Scope of Work, including additions, reductions, and changes to any or all of the Work, as directed in writing via a Task Order Amendment issued by the Agency and executed by both Parties. The Task Order Amendment will, if warranted, convey any associated change to the established Task Order price and/or performance schedule.
24. NOTICE TO PROCEED: No services shall be performed or furnished under this Master Services Contract unless and until a Notice to Proceed and an associated Task Order has bi-laterally executed and issued to the Consultant.

[Signature Page Immediately Follows]

IN WITNESS WHEREOF, the parties hereto have caused this Contract to be entered as of the day and year written above.

INLAND EMPIRE UTILITIES AGENCY:
(A Municipal Water District)

TECHNICAL SYSTEMS, INC.:

Halla H. Razak
General Manager

(Date)

Brad Peistrup 12/27/17

Brad Peistrup (Date)
Sr. Vice President - Business Development

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Attachment 1



Picture Reference: IEUA Website

**Fee Schedule for
RFP RP-1 SCADA Migration
Programming Services
Project No. RFP-RW-17-041**

Submitted By:

Technical Systems, Inc.
Lynnwood, WA
Irvine, CA

December 5, 2017

December 5, 2017

Inland Empire Utilities Agency
Attention: Jesse Pompa
6075 Kimball Avenue, Building A
Chino, CA 91708



So. CA Office
36-B Mauchly
Irvine, CA 92618
TSIcontrols.com

RE: Fee Schedule for RFP RP-1 SCADA Migration Programming Services

Dear Jesse,

Please find enclosed our Fee Schedule for the RFP RP-1 SCADA Migration Programming Services project.

If you have any questions or concerns please let me know. This fee schedule is valid for acceptance for 90 days. Fee Schedule also includes all applicable taxes. Have a great day.

Sincerely,

Brad E Peistrup

Brad Peistrup
Sr. Vice President ~ Business Development
Technical Systems, Inc.
(425) 678-4170
bradp@tsicontrols.com

RP-1 Programming Services



PROPOSED FEE SCHEDULE			
ITEM	DESCRIPTION	ITEM COST	TASK COST
1	REGIONAL PLANT NO. 1 (RP-1)		\$1,600,000.00
	PLC Programming	\$600,000.00	
	SCADA/Vantage Point Programming	\$935,000.00	
	Testing	0.00	Testing Not Defined
	Training	\$0.00	Training Not Defined
	Travel	\$40,000.00	
	Submittals	\$25,000.00	
2	90-day Maintenance		\$46,000.00

RP-1 Programming Support Services

Project Rates for IEUA Programming Support Services

The following is a list of hourly rates for Project Management, Professional and Project/Software Engineering, Field Service, Shop Fabrication and Repair, Drafting, and Engineering Support Services. **These rates are valid until January 31, 2021.**

Project Manager/Registered Professional Engineer	\$190.00 per Hour
Senior Engineer/Senior Software Engineer	\$175.00 per hour
Project Engineer/Software Engineer	\$170.00 per Hour
Field Engineer/Technician	\$145.00 per Hour
Shop Technician/Shop Repair	\$ 95.00 per Hour
Auto-Cad Design & Drafting	\$ 85.00 per Hour
Documentation	\$ 85.00 per Hour
Clerical	\$ 80.00 per Hour

Services in excess of 10 hours per day, Monday through Friday, will be billed at 1.5 times the hourly rate. Saturdays, Sundays, and all business holidays will be billed at 2 times the hourly rate. Emergency services are billed at a minimum of four (4) hours plus \$100.00 which is paid to the on call technician or engineer. All travel time will be billed, portal to portal, at the hourly rate in effect on the day of travel.

General Terms and Conditions

Services will be billed via invoice, with field service reports, every two (2) weeks. All vehicle travel and meal expenses are included in the hourly rate. All other expenses, (hotel, airline, rental car, etc.), will be billed at documented cost plus 10% service charge. All invoices are Net 30 days.

Panel fabrication is F.O.B. Lynnwood, Washington.

All prices are net prices and do not include any State, local or use taxes.

Standard Warranty Policy

Technical Systems Inc. warrants defects in material and workmanship for all systems supplied by *Technical Systems, Inc.* for a period of one (1) year beginning on the date of shipment. Individual component warranties will be limited to the published warranty for the component purchased and supplied by *Technical Systems Inc.* All published warranties provided by the component manufacturers will be assigned, in their entirety, to the end user. No warranties are verbally expressed or implied. Defective materials or workmanship will be repaired or replaced free of charge during the warranty period. Labor, travel and other expenses to repair or replace components at the end user's facility will be billed to the end user in accordance with the above Standard Labor Policies.

Attachment 2

**INLAND EMPIRE UTILITIES AGENCY
(A Municipal Water District)**

WAIVER/RELEASE OF LIABILITY

I, the undersigned, on behalf of _____ (hereinafter called Firm) fully understand that the storage or leaving of _____ at the Agency's _____ facility, located at _____, California, during the period of _____ to _____ exposes Firm to the risk of, but not limited to, theft, fire damage, vandalism, water damage, wind damage, and possible personal injury to Firm's employees. For the privilege of storing/leaving _____ at said location, Firm agrees to assume any and all such risks.

In consideration of being able to store/leave said item(s) at said location, Firm hereby releases, agrees not to sue, or bring any action against, the Inland Empire Utilities Agency, its officers, employees, agents, representatives, and volunteers for any and all liability, claims, or actions for injury or death to Firm's employees, or damage or theft of said property arising out of or in connection with the storage or leaving of said item(s) for whatever cause, including the active or passive negligence of the Inland Empire Utilities Agency, its officers, employees, agents, representatives, and volunteers.

I have carefully read this Waiver/Release of Liability and covenant not to sue, and fully understand its contents, and the possible exposures that Firm is agreeing to assume. I am aware that this Waiver/Release of Liability is a full release of any and all liability. I am signing such as the authorized agent of Firm, and of my own free will.

Name of Firm

By:

Representative's signature

Date

Print Name

Title

Approved:

Department Manager's signature

Date

Distribution: As Required.

Attachment 3

SAMPLE TASK ORDER

Date: XXXXXXXXXXXX

Task Order Number: XXX

Consultant: XXXXXXXXXXXX

Contract Number: 460000XXXX

Project / Task Description:

I. RECITALS

This Task Order is issued for the procurement of services needed in conjunction with Agency Project No. XXXXXXXX .

Agency and Consultant previously entered into Master Services Contract No. 460000XXXX. Except as otherwise specified herein, all terms and conditions of that Agreement are incorporated into this Task Order via this reference.

II. TASK ORDER AGREEMENTS

1. Scope of Work: Consultant shall furnish the qualified personnel, equipment, materials, and supplies necessary to perform the work described in the attached Statement of Work.
2. Period of Performance: XXXXXX through XXXXXX. All work is to be performed in a timely manner and in accordance with the Project Manager's schedule.
3. Compensation: Authorized total payments to Consultant for performance of this time-and-materials Task Order shall sum to a total not-to-exceed price of \$ XXXXXXXX. (NOTE: Compensation is based on submitted fees rates included in the Master Services Contract.)
4. Assigned Personnel: The below-listed named personnel are assigned to direct the performance of this Task Order on behalf of the respective Parties.

PROJECT MANAGER ASSIGNMENT: All technical direction related to this Task Order shall come from the designated Project Manager. Details of Agency's assignment are listed below:

Project Manager: XXXXXXXXXXXXXXXX
Address: 6075 Kimball Ave, Bldg. X
Chino, California 91708

Telephone: (909) 993-XXXX
Facsimile: (909) XXXXXXXX
Email: XXXXXXXX@ieua.org

CONSULTANT ASSIGNMENT: Special inquiries related to this Agreement and the effects of this Agreement shall be referred to the following:

Consultant: XXXXXXXXXXXXXXXXXXXX
Project Manager: XXXXXXXXXXXXXXXXXXXX
Address: XXXXXXXXXXXXXXXXXXXX

Telephone:
Facsimile:
Email:

XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX

- 5. Task Order Modifications: No communication, either written or oral, by other than written and bi-laterally executed change order shall be effective to modify or otherwise affect the provisions of this Task Order.

III. SIGNATURES

Inland Empire Utilities Agency:

XXXXXXXXXXXXXXXXXXXX

Date: _____

Date: _____

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**ACTION
ITEM**

2A



Date: January 17, 2018

HR

To: The Honorable Board of Directors

From: Halla Razak, General Manager

Committee:

Contact: Jean Cihigoyenette, General Counsel

Subject: Adoption of the IEUA Administrative Handbook

Executive Summary:

On June 18, 1997, Chino Basin Municipal Water District (now known as IEUA) created the first Agency Bylaws. Upon the recommendation of General Manager P. Joseph Grindstaff, in October 2016, Kelly Associates Management Group, a professional consulting firm, was retained to work with general counsel and staff to update the Agency Bylaws and draft an administrative handbook which would incorporate the bylaws, administrative and Board of Directors policies. They provided assistance to the Agency in assembling, formatting and developing an administrative policies and procedures handbook for the IEUA Board of Directors, in accordance with best industry practices.

A committee of Executive Managers and staff were selected to work with Kelly Associates Management Group and general counsel. The final draft of the proposed IEUA Administrative Handbook is presented for approval. Administrative policies which affect the operations of various Agency departments remain under administrative review.

Staff's Recommendation:

Adopt the updated IEUA Administrative Handbook.

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

Account/Project Name:

Fiscal Impact (explain if not budgeted):

Prior Board Action:

The Board discussed this matter at the December 6, 2017 Board Workshop.

Environmental Determination:

Not Applicable

Business Goal:

Attachments:

Attachment 1 - Inland Empire Utilities Agency Administrative Handbook

INLAND EMPIRE UTILITIES AGENCY
ADMINISTRATIVE HANDBOOK

2017



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CHAPTER I: INTRODUCTION

1.1 Background

Inland Empire Utilities Agency (“IEUA” or “Agency”) is a municipal water district located in the Inland Empire area of Southern California. Its mission is to supply imported drinking water and collect, treat, and dispose of wastewater and provide other utility-related (renewable energy and compost) services in a regionally planned, managed and cost-effective manner. IEUA provides wholesale imported water from Metropolitan Water District of Southern California to seven retail agencies: the cities of Chino, Chino Hills, Ontario, Upland, Cucamonga Valley Water District, Fontana Water Company in the city of Fontana, and the Monte Vista Water District in the city of Montclair.

As a regional wastewater treatment agency, IEUA provides sewage utility services to seven contracting agencies under the Chino Basin Regional Sewage Service Contract; the cities of Chino, Chino Hills, Fontana, Montclair, Ontario, and Upland as well as to the Cucamonga Valley Water District (CVWD) in the city of Rancho Cucamonga.

With a dedicated team of approximately 300 professionals, IEUA operates four regional water-recycling facilities that treat approximately 50 million gallons per day (mgd) of wastewater, providing high quality recycled water that is available for industrial applications, agricultural and landscape irrigation, and groundwater recharge.

1.2 Preamble

Inland Empire Utilities Agency (formerly Chino Basin Municipal Water District) was established by a majority vote in a special election on June 6, 1950, with the mission to supply supplemental water to the Chino Basin. The Agency is organized pursuant to the Municipal Water District Act of 1911 (CA Water Code Section 71000 et. seq.) and governed by a five-member Board of Directors. Once formed, the Agency was annexed to the Metropolitan Water District of Southern California (MWD). Through subsequent annexations, the Agency’s service area includes the cities of Chino, Chino Hills, Fontana, Montclair, Ontario, Rancho Cucamonga, Upland, unincorporated areas of San Bernardino County, and the service areas of Cucamonga Valley Water District, Fontana Water Company, and Monte Vista Water District.

The Agency’s original mission was to distribute imported water in the Chino Basin from the State Water Project. In 1972, the Agency negotiated a Regional Sewage Service Contract (Regional Contract) with its seven-member agencies: Chino, Chino Hills, Cucamonga Valley Water District, Fontana, Montclair, Ontario, and Upland. The Agency assumed the responsibility of purchasing and operating the wastewater recycling facilities in the service area from the member agencies. The Agency also operates two separate Brine Lines collection systems. Through agreements with the County Sanitation Districts of Los Angeles County (CSDLAC) and the Santa Ana Watershed Project Authority, brine wastewater from industrial users are conveyed outside of the Chino Basin.

The Agency operates four water recycling facilities located throughout the service area: Regional Water Recycling Plant No. 1 (RP-1), Carbon Canyon Water Recycling Facility (CCWRF), Regional Water Recycling Plant No. 4 (RP-4), and Regional Water Recycling Plant No. 5 (RP-5).

The Agency also operates Regional Water Recycling Plant No. 2 (RP-2), which process the solids from CCWRF and RP-5.

In addition to water recycling facilities, the Agency, through a Joint Powers Agreement with the CSDLAC, formed the Inland Empire Regional Composting Authority (IERCA). Through IERCA, the Agency operates an indoor composting facility known as the Inland Empire Composting Facility located adjacent to RP-4. The Agency also operates the Chino I Desalter (owned by the Chino Basin Desalter Authority) which treats groundwater from wells in the Chino Basin.

1.3 Mission Statement

Agency Mission – Inland Empire Utilities Agency is committed to meeting the needs of the region by providing essential public services in a regionally planned and cost-effective manner while safeguarding public health, promoting economic development and protecting the environment.

Agency Services - IEUA is focused on the following products and services:

- IEUA is a wholesale distributor for water supplies from the Metropolitan Water District for distribution to local agencies within its service area.
- Collecting and treating wastewater, developing recycled water, local water resources, and conservation programs to reduce the region's dependence on imported water supplies and drought-proof our service area.
- Promoting sustainable use of groundwater and development of local water supplies
- Converting biosolids and waste products into a high-quality compost made from recycled materials to ensure healthy soils, and
- Generating electricity from renewable sources.

Agency Vision – To become a world class leader in water management and environmental stewardship, including water quality, water-use efficiency, recycled water, and renewable energy, to enhance and preserve the quality of life throughout the region.

Agency Values – Leading the way. Planning for the future. Protecting the resources of the communities we serve. The Inland Empire Utilities Agency is:

- Committed to applying ethical, fiscally responsible, transparent and environmentally sustainable principles to all aspects of business and organizational conduct.
- Working with integrity as one team, while celebrating the region's diversity.
- Staying in the forefront of the industry through education, innovation, efficiency, and creativity.

Agency Responsibilities – The Board of Directors and employees of the Agency are responsible for fulfilling the mission and values by demonstrating and expecting:

- Loyalty, professionalism and ethical behavior.
- Open and courteous communication with each other and with the communities served.
- Prudent and cost-effective resource planning, management, and utilization.
- Innovation in meeting the present and future needs of the Agency.

1.4 Facilities

1.4.1 Administrative Headquarters

Located in the city of Chino, IEUA is the first public agency in the nation to receive the Platinum rating from the U.S. Green Building Council's Leadership in Environmental and Energy Design (LEED). IEUA's administrative headquarters takes water and energy conservation to new levels. The extensive use of recycled materials is seen throughout the interior and exterior of the headquarters complex.

1.4.2 Regional Water Recycling Plant No. 1 (RP-1)

Located in the city of Ontario, RP-1 began operation in 1948. RP-1 has undergone several expansions to increase the permitted wastewater treatment capacity to 44 million gallons per day ("mgd") of wastewater and 60 mgd equivalent of biosolids treatment capacities (2017). The facility serves the Cities of Ontario, Rancho Cucamonga, Upland, Montclair, Fontana, and unincorporated areas of San Bernardino County.

1.4.3 Regional Water Recycling Plant No. 2 (RP-2)

Located in the City of Chino, RP-2 began operation in 1960 and currently treats the biosolids flow streams from the Carbon Canyon Water Recycling and the Regional Water Recycling Plant No. 5 facilities. As a result of biosolids production, methane gas (or bio-gas) is produced and utilized as a fuel source to operate microturbines that produce electricity. This electricity is used to operate equipment at RP-2, reducing the Agency's need to purchase power from the grid.

1.4.4 Carbon Canyon Water Recycling Facility ("CCWRF")

Located in the City of Chino, CCWRF began operation in 1992. The facility works in tandem with RP-2 and serves the Cities of Chino, Chino Hills, Montclair and Upland. The liquids are treated at CCWRF to produce recycled water, while the solids removed from the waste flow are treated at RP-2. CCWRF's treatment capacity is 11.4 mgd as of 2017.

1.4.5 Regional Water Recycling Plant No. 4 (RP-4)

Located in the City of Rancho Cucamonga, RP-4 began operation in 1997. As of 2017, RP-4 treats an average flow of 14 mgd. RP-4 works in conjunction with RP-1 to provide recycled water to users within the Cities of Ontario, Rancho Cucamonga, Upland, Montclair, Fontana, and an unincorporated area of San Bernardino.

1.4.6 Regional Recycling Water Plant No. 5 (RP-5)

Located in the City of Chino adjacent to IEUA's headquarters complex, RP-5 began operation in 2004. RP-5 services the cities of Chino and Chino Hills and is permitted to treat 16.3 mgd as of 2017.

1.4.7 Regional Plant No. 5 Solids Handling Facility (RP-5 SHF)

Located on the southeast corner of the RP-5 facility site, RP-5 SHF began operation in 2001. The facility is designed to process manure and food waste through an anaerobic digestion process. During this process, approximately 400,000 to 600,000 cubic feet/day of methane gas (biogas) is generated and used as a fuel source to operate engine generators that produce electricity. The electricity produced is used to operate equipment at RP-5.

1.4.8 Inland Empire Regional Composting Facility (IERCF)

Located in the City of Rancho Cucamonga, IERCF began in 2002. The fully enclosed IERCF is a joint partnership with the CSDLAC. The facility composts a variety of organic residuals which have a high level of nutrient value for horticultural uses in an environmentally responsible manner. The facility is permitted to process approximately 150,000 wet tons per year of biosolids.

1.4.9 Chino Basin 1 Desalter

Located in the City of Chino, the Chino Basin 1 Desalter produces approximately 14 mgd of high quality drinking water, serving the water needs of approximately 35,000 people. Groundwater pumped from 14 wells throughout the Chino Basin is pumped to the Chino Basin 1 Desalter for process. Once there, a combination of reverse osmosis, ion exchange, and volatile organic compound treatment technologies are used to remove salt, nitrates, and other organic compounds from the water, bringing it to drinking water standards. The Chino Basin Desalters are owned by the Chino Basin Desalter Authority of which IEUA is a member.

1.4.10 Chino Creek Wetlands and Educational Park (Park)

Located in the City of Chino, the Chino Creek Wetlands and Educational Park provides a hands-on opportunity for the community to experience the importance of constructed wetlands in the protection of our watershed. The Park improves water quality, flood control, habitat restoration, recreation, water conservation and public education. The Park was designed to restore native habitat and natural drainage, showcasing the environmental values of the Prado Basin, the largest freshwater habitat remaining in southern California.

1.4.11 Solar Power

In 2008, 3.5 Megawatts (“MW”) of solar energy was installed at four of IEUA’s recycled water facilities. Generating clean solar power reduces the largest non-labor component of IEUA’s operating budget – electrical costs. The solar project is funded in part under the state’s innovative California Solar Initiative. It is a private-public partnership where investors funded the capital for the project and ongoing maintenance while the Agency agreed to purchase power produced at a mutually agreed price and escalation rate.

1.4.12 Battery Storage

In 2016, IEUA entered into a public-private partnership to install, operate, and maintain 4.0 MW of battery storage at IEUA’s wastewater treatment plants. The batteries, will reduce IEUA’s demand for grid power during peak periods, saving electricity costs. The system charges the batteries at night when grid demand and power costs are lowest, then uses power from the batteries during the day when demand and costs are exponentially higher. These battery storage systems will integrate IEUA’s renewable power installations and enhance the Agency’s ability to cost-effectively meet power demands while optimizing self-generated electricity. In April 2017, IEUA received the Excellence in Environmental Engineering and Science Award for the “RP-5 Battery Storage Project” from the American Academy of Environmental Engineers and Scientists.

1.4.13 Grantors for Facilities

Grantors have aided in many projects that IEUA has undertaken. These grantors include: California Integrated Waste Management Board, U.S. Department of Energy, Department of

Water Resources, Metropolitan Water District, U.S. Bureau of Reclamation, California Department of Forestry and Fire Protection, California Energy Commission, U.S. Department of Agriculture, Western United Resource Department, Inc, California Public Utilities Commission through Southern California Gas Company Self Generation Incentive Program, California Solar Initiative through Southern California Edison, State Water Resources Control Board, and California Department of Parks and Recreation.

CHAPTER 2: AGENCY BYLAWS

2.1 Election of Board of Directors

2.1.1 Elections

(a) The elective officers of the Agency shall consist of a board of five members. Board representation shall be divided into five divisions; one member elected from each division, said divisions being numbered and described by area according to and based upon the population as estimated by this Board from the Register of Voters used at the last general election in such manner as to equalize, as nearly as practicable, the population in the respective division, and will serve for a term of four years and until their successors qualify. The terms of all officials so elected shall be deemed to have commenced on the first Friday in December following the election, or in the case of a special election, upon certification of election returns by the County Clerk.

(b) The qualifications of candidates and electors and the procedure governing general district elections shall apply to any special election called pursuant to this section, and the notice of such election shall be published at least thirty (30) days prior to the date of such special election.

(c) Members of the Board of Directors must be qualified electors who reside within the boundaries of their respective division.

(d) The general district election is held at the State Consolidation Election of the even numbered years in accordance with State Law.

2.1.2 Vacancies.

a) Any vacancy in the office of a Director may be filled by a majority of the remaining Directors. The person selected shall be a resident of, and otherwise qualified to be a Director from the division in which the vacancy occurred, and shall hold office for the remainder of the unexpired term. If within 60 days after a vacancy on the Board of Directors occurs and the remaining Directors have failed to fill such vacancy, a special election shall be called by the Board of Directors and held in the division affected, for the purpose of filling such vacancy.

(b) If a member of the Board of Directors is absent from six consecutive regular meetings of the Board of Directors, unless by permission of the Board of Directors expressed in its official minutes, or is convicted of a crime involving moral turpitude, the office of such person shall become vacant. The Board of Directors shall declare the existence of any vacancy.

2.1.3. Election of Officers

Officers of the Board of Directors shall be elected by the Board of Directors in a procedure established by the Board of Directors through a resolution and in compliance with State Law.

2.1.4 Compensation

(a) The members of the Board of Directors shall receive compensation for their services as such, and in addition shall receive reimbursement for their Agency-authorized expenses when acting on official duty. Each member shall receive as compensation such amount as may be fixed by Agency Ordinance and in conformance with State Law.

(b) Compensation to the members of the Board of Directors shall be part of the public record, reported by the Agency's General Manager and shall be available to the public upon request, and in compliance with the Public Records Act and the District's procedure.

2.2 Duties and Powers of the Board of Directors

2.2.1 Governance Responsibility

The Board of Directors of the Agency shall be responsible to set strategic direction and policy for the Agency. It shall be responsible to see that its policies and directions are being carried out by the General Manager and staff. The Board of Directors shall set Agency priorities. The Board of Directors shall review and adopt budgets. The Board of Directors is responsible to annually review the performance of the General Manager, Manager of Internal Audit, and the Board Secretary/Office Manager.

2.2.2 Powers of the Board

All powers of the Agency shall be vested in the Board of Directors, as the legislative body of the Agency. The General Manager implements policies established by the Board of Directors. Any executive, administrative, and ministerial powers may be delegated and redelegated by the Board as allowed by law.

2.2.3 Property

The Board of Directors shall have the right to take or acquire real or personal property or any interest therein, within and without the Agency, by grant, purchase, gift, devise or lease; and to hold, manage, occupy, dispose of, convey, and encumber such property, and create a leasehold interest in such property for the benefit of the Agency within applicable State Law.

2.2.4 Eminent Domain

The Board of Directors shall have the right to exercise eminent domain, in compliance with all applicable State Law.

2.2.5 Hiring/Appointments

The Board of Directors shall have the power to appoint and hire employees and consultants as described in section 2.4 below. The General Manager, under the direction of the Board of Directors, shall have the power to appoint, employ, and pay persons who are necessary and adequately trained, to maintain and operate the property, improvements and facilities of the Agency, and to implement the policies of the Board of Directors. The Board of Directors shall establish rules and regulations for classification, compensation and personnel policy.

2.2.6 Contracts

The Board of Directors on behalf of the Agency may enter into and perform all contracts necessary for its proper and efficient operation. Rules and regulations regarding contracts have been developed and approved by Agency Ordinance or Resolution.

2.2.7 Rules

The Board of Directors shall establish rules and procedures for its proceedings.

2.2.8 Ordinances, Resolutions and Motions

The Board of Directors shall make policy decisions using Ordinances when establishing rules and regulations (not policy manuals), Resolutions in matters generally obligating the Agency, and Motions as administrative direction. All Ordinances shall be adopted by a roll call vote. Yea and Nay votes will be recorded on all motions. Resolutions and motions may be adopted by voice vote, but on demand of any member of the Board the roll shall be called. The Agency Bylaws are the underlying Constitution or Charter of the organization.

1. Ordinances.

- a. Ordinances are the highest form of action and take precedence over Resolutions and Motions.
- b. Ordinances must be approved through a hearing process. The short title and description of a proposed Ordinance must be advertised in a local newspaper of general distribution and one hearing must be held before an Ordinance can be adopted. Rates should be set according to policies set in the Ordinance. Any requirement that the Agency desires to have the effect of law should be established by Ordinance.

2. Resolutions.

- a. A Resolution makes a statement of will and policy of the Board of Directors. A Resolution will be the implementing document that sets rates and fees. The Resolution can then be changed to reflect new cost numbers, without amending the Ordinance.

3. Motions.

- a. A Motion typically gives administrative direction or approval. For example, if the Agency desires to purchase an item for more than the General Manager is authorized to pay, the Board of Directors by Motion can authorize purchase of the item. Motions are documented by "Minutes" and many times the Board of Directors may be asked to make approvals by minute order. This is the same as a Motion and refers to the Motion's documenting number.

2.3 Duties of Officers

2.3.1 President of Board

The President of the Board of Directors presides at all Board of Directors meetings, makes rulings on procedural points of order and appoints Agency Representatives to membership organizations and members of the Board to committees. The President of the Board of Directors is responsible to sign all agreements approved by the Board of Directors. The President shall keep meetings productive and on track. The President should encourage open discussion and allow all members the opportunity to express their views. The President should lead and guide the Board of Directors. The President should provide a stabilizing influence and bring out the best in all members. The President shall provide consistent leadership. The President appoints the chair/president of the committee, committee member, and alternate for all committees, including the standing and ad hoc. The President also coordinates the efforts of the committees, integrates committee work with that of the Board of Directors, and defines committee relationships with staff. The President must be knowledgeable of all material at hand.

2.3.2 Vice-President of the Board

The Vice-President acts for the President in his or her absence. The Vice-President shall remain apprised and backup for the President, and chair key committees.

2.3.3 Secretary/Treasurer of the Board

The Secretary/Treasurer of the Board is responsible for reviewing, on a monthly basis, the financial register of demands and the monthly financial reports. The Secretary/Treasurer verifies expenditures, and acts as a check on staff, to verify the accuracy of financial reports. The Secretary/Treasurer makes provisions to maintain all Agency records and acts as the recorder for Agency Board of Directors Meetings. The Secretary/Treasurer certifies minutes of meetings and countersigns documents with the President of the Board of Directors on behalf of the Agency. In the absence of the President and Vice-President, the Secretary calls the Board of Directors Meeting to order and asks that a President Pro-tem be elected.

2.3.4 Committees

Regular standing committees of the Board of Directors are the: Audit Committee, Community and Legislative Affairs Committee, Engineering, Operations, and Water Resources Committee, and the Finance and Administration Committee.

The Board may choose, at its own discretion, to change the names of the current standing committees or to add or consolidate the standing committees as they see necessary to conduct business.

2.4 Board of Directors' Appointments

2.4.1 General Manager

The Board of Directors shall appoint a General Manager, who shall serve at the pleasure of the Board, in implementing Board policies. The General Manager is an "at will" employee. The Board of Directors may terminate employment of the General Manager whenever it chooses, in compliance with State and Federal Law, the Agency's policies and any existing Employment Agreement. The General Manager is responsible for the management of the Agency under the policy direction of the Board of Directors. The Board of Directors works through the General Manager. The General Manager shall implement policy decided by the Board of Directors and keep the Directors informed at all times. The General Manager may be neither the Agency Chief Finance Officer, nor a member of the Board of Directors.

2.4.2 Legal Counsel

Legal Counsel for the Agency shall be appointed by and serve at the pleasure of the Board of Directors. The holder of the office must be an attorney-at-law duly licensed as such under the laws of the state of California, and shall have engaged in the practice of law for at least five years. Legal Counsel shall have the power to prosecute on behalf of the people all civil cases for violations of provisions of these Bylaws and Ordinances of the Agency. Legal Counsel shall act on behalf of the Agency to develop and enforce agreements. Legal Counsel shall advise and represent the Agency and the Board of Directors, Committees or departments, and give advice or opinion in writing when so requested by any of the foregoing. Legal Counsel shall advise the Board of Directors, as necessary, in matters pertaining to the Brown Act. Legal Counsel shall represent and appear for the Agency in any action or proceeding in which the Agency is a party or is otherwise interested or concerned when the Agency is not otherwise represented by special counsel. Legal Counsel shall appear on behalf of a Board Member or employee or former Agency

Board Members or former employees, in any action or proceeding concerned in his or her official Agency capacity. Legal Counsel shall attend all scheduled meetings of the Board of Directors, and other such meetings that the Board of Directors deem necessary. Special Counsel shall keep Legal Counsel apprised of the status of the case or claim.

2.4.3 External Auditor

An external auditor is appointed by the Board of Directors to present annual audited financial statements to the Board of Directors, and to make annual management reports of any reportable conditions found during the audit.

Independent auditors are required to be Certified Public Accountants in good standing in the state of California with public agency auditing experience, and shall have engaged in the practice of accounting for at least five years.

2.4.4 Manager of Internal Audit

The Board of Directors shall appoint a Manager of Internal Audit, who shall serve at the pleasure of the Board. The Manager of Internal Audit is responsible for assisting the Board and Audit Committee in fulfilling their oversight responsibilities for financial reporting, internal controls and compliance with regulatory requirements. The Manager of Internal Audit also carries out the Board approved Internal Audit Department Charter. The Manager of Internal Audit monitors the efficiency and effectiveness of Agency operations and compliance with applicable state and federal laws and regulations. The Manager of Internal Audit further monitors departmental compliance with established Agency policies and procedures, while providing recommendations to add value and improve the operations of the Agency.

2.4.5 Board Secretary/Office Manager

A Board Secretary/Office Manager shall be appointed and serve at the pleasure of the Board of Directors. The Board Secretary/Office Manager plans, organizes and coordinates the activities of the Board members, including the preparation and posting of meeting agenda packages. The Board Secretary/Office Manager serves as the recording secretary for the Board meetings, committee meetings and meetings of the Inland Empire Regional Composting Authority. The Secretary collects information to ensure that the Board members are in legal and regulatory compliance and ensures that all timesheets, reimbursements and expense reports are completed for all Board members in accordance to Agency policies and Special District rules. The Board Secretary/Office Manager monitors the Board of Directors annual budget. The Board Secretary/Office Manager serves as the Agency's conflict of interest filing official and maintains public records associated with Board matters.

2.5. Board Meetings

2.5.1 Regular Meetings

Regular Meetings of the Board of Directors shall be held at a time and place as set forth by Resolution of the Board of Directors. Unless otherwise determined, regular meetings shall be held twice per month at the Agency's main office. All meetings shall be conducted in accordance with the Brown Act (California Government Code §§54950 through 54962).

2.5.2 Special Meetings

Special Meetings of the Board of Directors may be called by the presiding officer or by a majority of the Board. Newspapers of general circulation in the Agency, radio stations and television

stations, organizations, and all residents who have requested written notice of meetings in accordance with the Brown Act shall be notified by a mailing, unless the special meeting is called less than one week in advance, in which case, the notice, including business to be transacted, will be given by email during business hours as soon after the meeting is scheduled as practicable, at least 24 hours before the time of the Special Meeting. Notice should also be made available on the Agency's website within this time period. Call and notice shall be posted at least 24 hours prior to the special meeting in a location that is freely accessible to members of the public.

2.5.3 Emergency Meetings

In an emergency situation involving matters upon which prompt action is necessary due to disruption or threatened disruption of public facilities, emergency meetings may be called without the twenty-four (24) hour notice as required above. An "emergency situation" means a work stoppage, or other activity or crippling disaster which severely impairs public health, safety, or both, as determined by the majority of the members or the legislative body. Newspapers of general circulation in the Agency, radio or television stations, organizations, and all residents who have requested notice of meetings in accordance with the Brown Act, (California Government Code §54950 through §54962) shall be notified by at least one (1) hour prior to the Emergency Meeting by telephone. In the event that telephone services are not functioning, the notice requirement of one hour shall be deemed waived, but the General Manager, or his/her designee, shall notify such newspapers, radio stations, or television stations of the fact of the holding of the emergency meeting, and the purpose of the meeting, any action taken by the Board at the meeting, as soon after the meeting as possible. Notice shall also be made available on the Internet as soon as practicable after the decision to call the Emergency Meeting has been made. No closed session may be held during an emergency meeting, and all other rules governing special meetings shall be observed, with the exception of the twenty-four (24) hour notice. The minutes of the Emergency Meeting, a list of persons the General Manager or designee notified or attempted to notify, a copy of the roll call vote(s) and any actions taken at such meetings shall be posted for a minimum of ten (10) days in the Agency office as soon after the meeting as possible.

2.5.4 Adjourned Meetings

A majority vote by the Board of Directors may adjourn any Board meeting at any place in the agenda, to any time and place specified in the order of adjournment. If all members are absent from any regular, adjourned regular, special, or adjourned special meeting, the Board Secretary/Office Manager or the legislative body may declare the meeting adjourned to a stated time and place, and he/she shall cause a written notice of adjournment to be given to those specified above.

If an adjourned meeting is held more than five days after the regular meeting, a new agenda shall be posted.

2.5.5 Organizational Meetings

The Board of Directors shall hold an organizational meeting at its first regular meeting in January of every odd year. At this meeting, the Board will elect a President, Vice President and Secretary/Treasurer in accordance with procedures established by the Board. Notwithstanding this rule, the Board may at any time vote to reorganize itself at a properly agendized meeting as in accordance with State Law.

2.5.6 Meeting Agendas

Agendas for regular Board meetings shall be prepared by the General Manager in cooperation with the Board Secretary/Office Manager and Board President, and shall be posted and delivered at least 72 hours in advance of any regular board meeting. Any Director may request at a Board meeting and, with the concurrence of a majority of the Board, to add any issue to the next meeting's agenda. Agendas shall be prepared in accordance with the Brown Act. Agendas shall inform the Board of Directors and the public of the items to be considered in the meeting, (and of any anticipated actions arising out of the meeting).

Late-breaking items may be added to an agenda by a 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. If knowledge of the item came to the Agency's attention after the agenda was posted, or provided that an emergency exists as defined in the Brown Act. Only those items of business listed in the call for the special meeting shall be considered by the Board at any special meeting.

2.5.7 Public Comments

The Board shall provide a period during every regularly scheduled meeting to receive comments from the public. The Board may receive comments from the public at special meetings of the Board on matters which are not on the agenda which a member of the public may wish to make. However, the Board shall not discuss or take action on such matters at that meeting. The Board may limit the time allowed for public comments.

2.5.8 Time Limits

The Board of Directors may reasonably limit the time allowed for any one person to speak on an item at the meeting, or to make public comments. Unless otherwise permitted, limits on any one speaker will be three (3) minutes.

2.5.9 Posting of Agenda

The Agenda shall be posted conspicuously for public review at least seventy-two (72) hours prior to the time of all regular meetings, which shall include but not be limited to all matters on which there may be discussion and/or action by the Board.

2.5.10 Order of Agenda

The President shall determine the order in which agenda items will be considered for discussion and/or action by the Board of Directors. The President shall strive to make the meeting convenient for members of the public, whenever possible, by placing public comment periods at the beginning of meetings and placing closed sessions at the end of meetings.

2.5.11 Board Meeting Conduct

Meetings of the Board of Directors shall be conducted by the President in a manner consistent with the policies of the Agency. The latest edition of Robert's Rules of Order, revised may also be used as a general guideline for meeting protocol. Agency policies shall prevail whenever they are in conflict with Robert's Rules of Order Revised. All Board meetings shall commence at the time stated on the agenda. The conduct of meetings shall, to the fullest possible extent, enable Directors to:

- Establish policy direction;
- Consider problems to be solved, weigh evidence related thereto, and make wise and informed decisions intended to solve the problems; and

- Receive and consider appropriate reports of Agency operations and take any appropriate action with respect thereto.

2.5.12 Board Meeting Disruptions

General rules for permitting any individual or group to address the Board concerning any item on the agenda of a special meeting, or to address the Board at a regular meeting on any subject that lies within the jurisdiction of the Board of Directors, are as follows:

- No boisterous conduct shall be permitted at any Board meeting.
- Persistence by an individual or group of individuals in boisterous conduct shall be grounds for summary termination, by the President, of that individual's or group's privilege of address.
- No oral presentation shall include charges or complaints against any Agency employee, regardless of whether or not the employee is identified in the presentation by name or by another reference which tends to identify. All charges or complaints against employees shall be submitted to the Board of Directors in writing in accordance with the Brown Act, and subject to existing employee Memorandum of Understandings and Personnel Rules and Regulations.
- Willful disruption of any of the meetings of the Board of Directors shall not be permitted. If the President finds that there is in fact willful disruption of any meeting of the Board, he/she may order the room cleared.
- In such an event, only matters appearing on the agenda may be considered in such a session.
- After clearing the room, the President may permit those persons who, in his/her opinion, were not responsible for the willful disruption to re-enter the meeting room.
- Duly accredited representatives of the news media, whom the President finds not to have participated in the disruption, shall be admitted to the remainder of the meeting.

2.5.13 Board Quorum

A quorum is achieved when three or more members of the Board of Directors are present.

2.5.14 Board Minutes

The Board Secretary/Office Manager shall keep Minutes of all meetings of the Board. Copies of said Minutes shall be made for distribution to Directors, with the agenda for the next regular Board meeting. The Minutes of a meeting shall be revised and approved at that meeting.

2.5.15 Audio Recording

A recording of any meeting of the Board of Directors may be made by tape or an electronic recorder, but is not required. The President may announce the fact that a recording is being made at the beginning of the meeting, and the recording device shall be placed in plain view of all present, so far as is possible. The recordings, tapes, discs or other electronic data/information storage devices shall be destroyed after a period of 30 days, or until the minutes of the meeting have been approved, or longer at the discretion of the Board.

2.5.16 Closed Sessions

Recordings will not be made during closed sessions of the Board.

2.5.17 Recording Votes

Motions, Resolutions or Ordinances shall be recorded as having passed or failed, and individual votes will be recorded unless the action was unanimous. There shall be a roll call vote for Ordinances, and if requested by a member of the Board, for Resolutions.

2.5.18 Minutes

The minutes of Board meetings shall include:

- Date, place and type of each meeting;
- Directors present and absent;
- Call to order;
- Adjournment of the meeting;
- Record of written notice of special meetings; and,
- Record of items to be considered at special meetings;
- Approval of the minutes of preceding meeting as may be amended;
- Information as to each subject of the Board's deliberation;
- All Board Resolutions and Ordinances by Title and Number;
- A record of all contracts entered into;
- A record of all bids awarded or rejected by the Board of Directors;
- A record by number of all obligations approved for payment;
- Adoption of the annual budget and amendments thereof;
- A record of all important correspondence;
- A record of the General Manager's report to the Board;
- Approval of all policies and Board-adopted regulations; and,
- A record of all visitors and delegations who have identified themselves.

2.6. Power to Collect Fees and Taxes, or to Incur Debt

2.6.1 Set Procedure to Establish Fees

The Agency is empowered to collect fees as necessary to maintain all systems, make necessary improvements and provide for service to customers. All Agency fees are related to the cost of the Agency to provide said service.

2.6.2 Set Procedure to Collect Taxes

Inland Empire Utilities Agency is entitled to collect taxes and standby charges through the County Assessor, and maintains that right as described in the State Constitution and applicable State Law.

2.6.3 Ability to Incur Debt

The Agency shall have the right to incur debt as provided by applicable State Law, to enter into purchase agreements and to enter into long-term lease agreements as needed to provide for service to Agency customers.

2.6.4 Ability to Act as Regional Financing Authority

The Agency, along with Cucamonga County Water District, has formed the Chino Basin Regional Financing Authority for the purpose of financing regional projects. The Board of Directors of Inland Empire Utilities Agency shall constitute the Members of the Commission of the Chino Basin Regional Financing Authority and shall meet at least annually. The Chino Basin Regional Financing Authority shall be subject to the same audit requirements as the Agency itself.

2.7. Financial Responsibility

2.7.1 Requirement for Investment Policy

The Agency shall at least once per year review the investment policy of the Agency and set in place guidelines that shall govern the management of the financial resources of the Agency. The critical investment factors shall be security, liquidity and return on investment. The Executive Manager of Finance and Administration/Assistant General Manager shall at least quarterly report to the Board of Directors the status of all Agency investments and the financial position of the Agency.

2.7.2 Requirement for Independent Audit

The Agency shall commission an Independent Audit each year through the Independent Auditor. The Independent Auditor shall be a Certified Public Accountant with experience in auditing public agencies. These audits are to be performed in accordance with generally accepted auditing standards, the standards set forth for financial audits in the General Accounting Office's (GAO) Government Auditing Standards and other applicable requirements. The Independent Auditor shall audit the financial statements of the Agency and shall report to the Board of Directors on the fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America (GAAP) and adequacy of the internal controls that are in place to protect the Agency. The Independent Auditor shall perform the single audit in compliance with the Single Audit Act and Office of Management and Budget Policy A-133.

2.8. Ability to Contract with or Join with Other Agencies

2.8.1 Ability to Execute Contracts

Inland Empire Utilities Agency is entitled to enter into Contracts, Agreements, Leases and Lease Purchase Agreements as needed for the operation of the Agency.

2.8.2 Ability to Form Joint Power Authorities

Inland Empire Utilities Agency has joined with other agencies to form Joint Power Authorities and retains the right to continue to form such authorities as granted by State Law.

2.8.3 Ability to Exercise Authority Under Water District Law

Inland Empire Utilities Agency was formed pursuant to the Municipal Water District Act of 1911, and retains all rights, powers and authorities granted in that law. The Board of Directors may at any time choose to exercise such powers, even though they may not be enumerated in this document, in Ordinance or Resolution.

2.9 Boundaries

2.9.1 Describe Boundaries

A Legal Description of the Agency shall be maintained and updated by Agency Ordinance.

2.9.2 Ability to Annex

The Local Agency Formation Commission (LAFCO) has been established by the State Legislature to, among other duties, review and approve or disapprove proposals for annexation of territory to special districts. The Agency has the ability to annex property with prior approval of the LAFCO. Unconditional commitments to provide service to territory and/or proposed development will not be considered until said territory is annexed to the Agency. (California Water Code §72300)

Annexation proponents shall provide the Agency copies of their LAFCO application, petition, map, legal description and any other necessary legal documents should they desire to receive confirmation of District acceptance of their proposal prior to initiating the LAFCO application. In the case that the proposed territory's water service will be supplied by water sourced from Metropolitan Water District of Southern California (MWD), a concurrent MWD annexation application is required. The annexation proponents shall be responsible for the completion of the MWD annexation application per the applicable section of the MWD Administrative Code. The Board of Directors will consider the annexation proposal in a publicly noticed meeting. Acceptance by the Board of the proposed annexation shall be formalized by the adoption of a resolution. Said resolution shall contain the following:

- All of the information required in the petition;
- The annexation map and legal description as attachments;
- Verification that the Agency desires to annex the subject territory;
- Authorization for the resolution to be submitted as an application for annexation approved by LAFCO; and
- A request that LAFCO approve and authorize the Agency to conduct proceedings for the annexation.

If LAFCO accepts the annexation proposal, the LAFCO Commission will adopt a resolution and forward it to the Agency. After confirmation of LAFCO acceptance, and after the annexation proponents tender to the Agency applicable annexation fees and appropriate recording and State Board of Equalization fees, as determined by LAFCO, MWD Board of Directors (if required), the Agency's Board of Directors at a regularly scheduled meeting, will consider approval of the proposed annexation. Approval by the Board of the proposed annexation shall be formalized by the adoption of a resolution. All proceedings shall be done in conformance with Section 56700 et seq. of the California Government Code.

CHAPTER 3: BOARD OF DIRECTORS VALUES AND PRINCIPLES

The Board of Directors' primary goal is to create and follow policies that guide the Agency and its employees towards its mission. Policy decisions constitute the "actions" taken by the Board of Directors.

The Board itself has six (6) major responsibilities:

1. Promote the best interests of the Agency's customers by establishing policies that support the mission, vision, and values of the Agency.
2. The Board shall further establish policies that ensure fiscal stability and the effective use of funds.
3. Appoint a General Manager to manage the day-to-day operations of the Agency.
4. Appoint a Manager of Internal Audit to conduct internal audits of the Agency.
5. Appoint a Board Secretary/Office Manager to assist the Board of Directors and Manage the Executive Administrative Group.
6. Appoint Legal Counsel to handle legal issues on behalf of the Agency.

3.1 Ethical Standards

3.1.1 Agency Ethical Philosophy

The Board of Directors of Inland Empire Utilities Agency is committed to providing excellence in legislative leadership that results in the provision of the highest quality of services to its customers. When a present or potential financial benefit exists, Board Members shall excuse themselves from any discussion or decisions that impacts them or their direct family members (parents, siblings, children, spouse or grandchildren) more than on the public at large. As an example, a Director may properly vote on any rate increase or general fee that impacts all customers equally. A Director may not, however, participate in the discussion or a decision about a project being built by his or her relative, or in another example, a pay increase for his or her spouse who works for the Agency. Voting on this would constitute an impermissible conflict of interest. In order to assist in the behavior between and among members of the Board of Directors, the following rules shall be observed: the dignity, style, values and opinions of each Director shall be respected; responsiveness and attentive listening in communication is encouraged and expected; the needs of the Agency's constituents should be the priority of the Board of Directors; the primary responsibility of the Board of Directors is the formulation and evaluation of policy; the presentation of the opinions of others should be encouraged; differing viewpoints are healthy in the decision-making process; individuals should have the right to disagree with ideas and opinions, without being disagreeable.

Directors should practice the following procedures:

- In seeking clarification on informational items, Directors may directly approach the Executive team members, unless otherwise defined by the General Manager, to obtain information needed to supplement, upgrade, or enhance their knowledge to improve legislative decision-making.
- In handling complaints from residents and property owners of the Agency, the complaints should be referred directly to the General Manager.
- In handling items related to safety, concerns for safety or hazards should be reported to the General Manager or to the Agency Executive Team. Emergency situations such as personnel, legal action, land acquisition and development, finances, and Agency programming, such concerns should be referred directly to the General Manager.

- When approached by Agency personnel concerning specific Agency policy, Directors should direct inquiries to the appropriate Executive Manager. The chain of command should be followed for orderly management of the Agency.
- The work of the Agency is a team effort. All individuals should work together in a collaborative process, assisting each other in conducting the affairs of the Agency.
- Directors and the General Manager should develop a working relationship wherein current issues, concerns and Agency projects can be discussed comfortably and openly.
- Directors should function as a part of the whole. Issues should be brought to the attention of the Board as a whole, rather than to individual members selectively.
- Directors are responsible for monitoring the Agency's progress in attaining its goals and objectives, while pursuing its mission.

3.2 Leadership

The Board should adhere to established organizational values and principles that can help promote a collaborative work environment.

- Take ownership of, and responsibility for, actions, risks, and results.
- Use outcomes, whether positive or negative, as learning opportunities.
- Make sound decisions from experience, good judgment and collaboration.
- Give and seek clear expectations.
- Look for solutions that contribute to desired results.
- Act in all endeavors with an ethical, honest, and professional manner.
- Honor commitments in order to build trust.
- Be truthful in word and deed.

3.3 Openness

- Approach every situation with good intentions.
- Encourage new and diverse ideas.
- Listen, cooperate, and share across the organization.
- Value and recognize individual contributions.

3.4 Balance

- Recognize the need for personal and professional balance.
- Do not forsake long-term goals in order to satisfy short-term needs.
- Support an environment that is optimistic and enjoyable in which relationships can prosper across the organization.

3.5 Guiding Principles

- Insuring a safe, reliable, and efficient water and wastewater delivery system to our wholesale customers.
- Designing and administering the highest quality, secure and innovative programs.
- Supporting and encouraging the development of industry leading technology to enhance efficiency and promote innovation.

- Delivering services in an equal, accurate, courteous, professional, and prompt manner.
- Attracting, developing, and retaining a competent, creative, and highly motivated workforce.
- Maintaining public trust by being ethical, sensitive, effective, and cost efficient in service to our wholesale water and wastewater customers.

3.6 Interaction Between Board Members

There is an expectation that each Board member will strive to work with fellow Board members and Agency staff as part of a team to address the various challenges and opportunities that are presented to them. The following represents Board member best practices for interacting with each other.

1. Board members are representatives of the Agency's culture and values its customers at all times.
2. Business attire at Board meetings, and when representing the Agency at public events, is appropriate.
3. Relationships between Board members are informal and always professional.
4. Board members lead by example in their interaction and communications style and practice.
5. Board members function as a team and are not exclusive in their communication and interaction.
6. To the extent possible, Board members will be cooperative in supporting each other.
7. Personal attacks against fellow Board members or staff are not representative of a constructive culture.

CHAPTER 4: BOARD OF DIRECTORS' STAFF INTERACTION

The efficient and effective delivery of wholesale water and wastewater treatment for the Agency's service area is a collaborative effort between the elected members of the Board and those individuals employed to execute the Agency's day-to-day operations. The Board's relationship and interaction with its professional staff must be carefully cultivated and nurtured at all times.

Agency staff serves the entire Board of Directors as a whole. Consequently, the Board should adhere to the following guidelines in its interaction with the staff:

1. Board members shall not direct staff to initiate any action, change a course of action, or prepare any report without the approval of the General Manager and, if necessary, the majority of the Board.
2. Board members shall not attempt to pressure or influence discussions, recommendations, workloads, schedules, or priorities.
3. When preparing for Board meetings, Board members should direct questions ahead of time to the General Manager so that staff can provide the desired information at the Board meeting.

4. Any concerns by a member of the Board regarding the behavior or work of an Agency employee should be directed to the General Manager privately to ensure that the concern is addressed. Board members shall not reprimand employees directly nor should they communicate their concerns to anyone other than the General Manager.
5. Soliciting political support from staff (e.g. financial contributions, display of posters or lawn signs, name on support list, etc.) is prohibited. Agency staff may, as private citizens with constitutional rights, support political candidates, but all such activities must be done away from the workplace and may not be conducted while on the job.

4.1 Relationship between Board Members and the General Manager

The General Manager acts as the primary agent of the Board and is the one whom the Board delegates its authority to manage and administer the Agency's daily operations in accordance with the Board's approved policies. The General Manager acts as the Chief Executive Officer of the Agency and the top advisor to the Board.

Much of the Agency's success will be dependent upon a positive relationship between the Board and its General Manager. A strong Board and a strong General Manager may not always agree on every issue. However, both must consciously focus on maintaining a shared sense of purpose, open communication, honesty, trust and mutual support. While the General Manager is hired to carry out Board policy directives, the Board also looks to him/her for guidance and leadership.

The Board should support the decisions of a General Manager and grant him/her the authority to manage and lead the Agency. This is critical to building the General Manager's credibility with the staff and the community. Both parties should always publicly support each other.

It is the General Manager's responsibility to ensure that the Board members have all the information they need to make Board-level decisions and that all Board members are provided the same information. Board members expect the General Manager to make a recommendation on every issue before the Board, except those that are strictly reserved to the Board.

The following are guidelines intended help define the relationship between the Board and the General Manager:

1. General Manager prepares annual goals which are approved by the Board of Directors as part of a formal performance review process
2. The Board of Directors will provide the General Manager with an annual written performance evaluation.
3. Board members are encouraged to contact the General Manager about any subject related to the operations of the Agency. Similarly, the General Manager may discuss any Agency related issue with any member of the Board of Directors.
4. Concerns regarding overall Agency operations or specific department issues or department heads are addressed with the General Manager.
5. Critical information will be provided to all members of the Board by the General Manager, which feedback may be verbal, written or electronic in nature.

6. The General Manager handles interdepartmental issues including but not limited to, Agency staffing, department, and structuring the departments within the budget authorized by the Board.
7. The General Manager shall advise the Board of Directors when he/she is out of the office for an extended period of time and shall designate the individual who shall be acting General Manager during that time.

4.2 Request for Staff Resources

Individual Board member requests for research or other staff work must be directed to the General Manager, or the Agency's Legal Counsel regarding legal matters. If, in the judgment of the General Manager, more than one hour of staff time will be required to complete the requested task/project, the item may be agendaized to solicit Board authorization to expend the additional time necessary on the proposed item. Staff responses to Board member requests shall be distributed to all Board members.

CHAPTER 5: BOARD OF DIRECTORS' PUBLIC INTERACTION

As a public body, it is important for Board of Directors to establish a working environment that encourages participation and trust between the contracting agencies and public as well.

5.1 Contracting Agency Concerns and Public Complaints

1. All concerns between the contracting public agencies that the Agency services shall be referred to the General Manager.
2. Staff will provide the Board with a written or verbal report of customer/contracting agency concern or inquiry that cannot be handled as a routine manner. Staff shall also provide the Board with a suggested response to the concern or inquiry.
3. The Board will be informed of significant, politically sensitive, urgent and/or repetitive inquiries. Staff will research the request as soon as possible and provide the General Manager with the appropriate follow-up and response. The General Manager will review the communication and requests prior to dissemination to the Board, and if appropriate, the Agency's Legal Counsel.
4. Copies of any written or electronic responses to customer concerns provided by a member of the Board shall be provided to the other members of the Board of Directors as well.
5. Information that may expose the Agency to liability will be shared with the Board at a noticed, closed session meeting of the Board of Directors and the Agency's Legal Counsel.

5.2 Public Comment on the Agenda

1. Prior to public comment on an agenda item, the Board will consider staff reports, questions from the Board, and a response.
2. Agenda items noticed on the agenda for public hearing will follow procedures as outlined by the Agency's Legal Counsel.
3. The President of the Board may elect to defer action on an item brought forward by the public until such time as staff can prepare an appropriate response.

4. The President is responsible for maintaining an orderly progression of the business before the Board; and, to the extent possible, regulates the amount and type of input from the public and from members of the Board and staff.

Under the Brown Act, members of the public may address the Board on any item within the subject matter jurisdiction of the Agency and not otherwise listed on the meeting agenda. Generally, Board members will not respond to public comments except for the President referring matters to the General Manager for follow-up. Board members may, through the President, ask clarifying questions to ensure that staff provides an appropriate response. Occasionally, a prompt response may be offered by the President or the General Manager when an obvious answer or resolution is available.

5.3 Representing an Official Agency Position

In order to ensure that they are properly representing their positions as elected officials of the Inland Empire Utilities Agency, Board Members should adhere to the following guidelines:

1. Board members may use their title only when conducting official Agency business, for information purposes, or as an indication of background and expertise.
2. Once the Board of Directors has taken a position on an issue, all official Agency correspondence regarding that issue will reflect the Board's adopted position.
3. In most instances, the Board will authorize the President to send letters stating the Agency's official position to appropriate legislators.
4. Meetings of any outside agencies and organizations that are included on the Agency's list of Representative Assignments are to be attended by the designated Board member and/or alternate.
5. If a member of the Board appears before the meeting of another governmental agency organization to give a statement on an issue affecting the Agency (including Representative Assignments), the Board member shall indicate the majority position and opinion of the Board.
6. Personal opinions and comments that may be contrary to adopted policy may be expressed only if the Board member clarifies that these statements do not reflect the official position of the Board or the Agency.
7. Board members should exercise caution when utilizing the news media, social media or other forms of communications to specifically express views which are in opposition to adopted Board policy.

When two Board members are authorized/assigned by the Board to attend a meeting as the Agency's official representative, other Board members may not participate at the meeting in order to avoid violations of the Ralph M. Brown Act.

CHAPTER 6: BOARD OF DIRECTOR'S CODE OF CONDUCT

6.1 Board Member's Fiduciary Duties and Code of Conduct

Board members hold a fiduciary duty to the Agency. A fiduciary has been defined as a person to whom property or power has been entrusted for the benefit of another. Board members hold an obligation to act with the Agency's best interests in mind. This can create conflicting loyalties when you serve on a regional body such as the Agency. While a Board member can argue for measures that mitigate unfair burdens on their respective districts, pursuing parochial interests at the expense of the general welfare of the organization as a whole conflicts with a Board member's ethical duties to the organization.

In order to promote the public's trust in Board policies and to ensure the most effective and efficient delivery of Agency services, members of the Board shall abide by the following Director's Code of Conduct:

1. Board members shall refrain from abusive conduct, personal charges, or verbal attacks upon the character or motives of other members of the Board, committees, staff, or the public.
2. Board members will provide policy direction and instructions to the General Manager on matters within the authority of the Board of Directors by a majority vote of the Board during a duly convened meeting of the Board and/or Board Committee meetings.
3. Board members duties shall be performed in accordance with the processes and rules of order established by the Board.
4. Communication between Board members, including electronic, verbal and written, shall comply with all State-mandated open meeting law requirements (i.e. the Ralph M. Brown Act).
5. Board members shall inform themselves on public issues, listen attentively to public discussions before the body, and focus on the business at hand.
6. Board decisions shall be based upon the merits and substance of the matter at hand.
7. Board members shall represent the official policies and positions of the Board. When presenting their personal opinions on positions publicly, members shall explicitly state they do not represent the Board or the Agency.
8. Board members shall respect and preserve the confidentiality of information provided to them concerning the confidential matters of the Agency. They must neither disclose confidential information to advance or adversely affect the personal, financial, private interests of themselves or others.
9. It is the responsibility of Board Members to publicly share substantive information that is relevant to a matter under consideration that they have received from sources outside of the public decision-making process with all other Board members and the public prior to taking action on the matter.
10. Appropriate Agency staff should be involved when Board members meet with officials from other agencies and jurisdictions to ensure proper staff support as needed and to keep the General Manager informed.

11. Board members shall not attend internal staff meetings or meetings between Agency staff and third parties unless invited by the General Manager or directed by the Board to do so.
12. Board members shall disclose to the appropriate authorities and/or to the Board any behavior or activity that may qualify as corruption, abuse, fraud, bribery, or other violation of law.
13. Board members, by virtue of their public office, shall not take advantage of services or opportunities for personal gain that are not available to the public in general. They shall not accept gifts, favors or promises of future benefits that might compromise their independence of judgment or action or give the appearance of being compromised. Likewise, Board members shall not appear on behalf of, or advocate for, the private interests of a third-party before the Board.
14. Except for statements on the record in a scheduled public meeting, Board Members shall not directly or indirectly communicate with the General Manager, Legal Counsel, Manager of Internal Audit, or Agency staff regarding the selection of specific vendors, contractors, consultants, or other business entities for a specific procurement of goods or services.
15. Board members will address matters within the authority of the General Manager to the General Manager and not directly through Agency staff.
16. Board members are prohibited from soliciting public funds or contributions at Agency facilities on Agency time or while representing the Agency.

6.2 Protection of Agency Resources, Property, and Information

Board members cannot use, or permit others to use, Agency-owned vehicles, equipment, computers, telephones, for personal convenience or profit. Each Board member must protect and properly use any Agency asset within his or her control, including information recorded on paper or in electronic form.

Board members also cannot require or request an Agency employee to perform services for the personal convenience or profit of a Board Member.

Board members are responsible for maintaining written records, including expense accounts, in sufficient detail to reflect accurately and completely all transactions and expenditures made on the Agency's behalf.

6.2.1 Handling of Confidential Information and Legal Matters

The Board appoints the Agency's Legal Counsel to provide a wide range of professional legal services including assistance and legal advice to the Board of Directors, General Manager and all Agency departments and offices.

1. These guidelines shall be employed by Board members when dealing with legal and/or other confidential matters:
 - a. Board members are not authorized, without Legal Counsel approval, to disclose information that qualifies as confidential information that (1) has been received for, or during, a closed session of the Board, (2) is protected from disclosure under the attorney/client privilege or other evidentiary privilege, or (3) is not required to be

- disclosed under the California Public Records Act and/or California Government Code.
- b. All written materials and verbal information provided to Board members on matters that are confidential and/or privileged under State law shall be kept in complete confidence to ensure that the Agency's position is not compromised.
 - c. Confidential materials provided in preparation for and during Closed Sessions shall not be retained and electronic copies must be deleted or documents returned to staff at the conclusion of the Closed Session.
 - d. Confidential materials provided to Board members outside of Closed Sessions must be destroyed, deleted, or returned to staff within thirty (30) days of their receipt.
 - e. Board members may not request confidential written information from staff that has not been provided to all Board members.
 - f. Board members are prohibited from using any confidential information for personal advantage or profit.
2. Board members may disclose information in the following circumstances:
 - a. Making a confidential inquiry or complaint to a district attorney or grand jury concerning a perceived violation of law, including disclosing facts to a district attorney or grand jury that are necessary to establish the alleged illegality of an action taken by the Agency, and elected official or employee.
 - b. Expressing an opinion concerning the propriety or legality of actions taken by the Agency in closed session, including disclosure of the nature and extent of the allegedly illegal action.
 - c. Disclosing information acquired by being present in a closed session that is not confidential information.
 - d. Before disclosing information, a Board Member or Executive Manager will first bring the matter to the Legal Counsel to provide the Agency an opportunity to cure an alleged violation or to assure that the information is not confidential.
 3. Board members cannot enjoy or establish an attorney-client relationship with Legal Counsel by consulting with or speaking to the same. Any attorney-client relationship established belongs to the Agency, acting through the Board of Directors, and as may be allowed in State law for purposes of defending the Agency and/or the Board in the course of litigation and/or administrative procedures, etc.
 4. Board members are encouraged to utilize Agency email addresses when conducting Agency business. While utilizing personal email addresses is not prohibited, doing so may render the Board member's personal email address subject to forensic review in connection with litigation involving the Agency or record requests under the Public Records Act.

CHAPTER 7: CONFLICT OF INTEREST (APPLICABLE TO ALL AGENCY DIRECTORS AND EMPLOYEES)

In order to assure their independence and impartiality on behalf of the public good, state law prohibits Board members from using their official positions to influence government decisions in

which they have a financial interest or where they have an organizational responsibility or a personal relationship that would present a conflict of interest under applicable state law.

Conflict of interest rules apply to Agency employees as well. Employees cannot participate in the making of a contract if the employee or a family member has a financial interest in the contract. The making of a contract includes more than just voting for its approval. Under the law, the making of a contract includes discussions, negotiations, drafting and approval. Therefore, if an employee has been assigned to prepare a request for qualifications or request for proposal, or is in a position to recommend a purchase from a vendor, that employee has participated in the making of a contract. The objective of these conflict of interest provisions is to ensure the Board member or employee's dedication to the Agency is not impaired or potentially impaired by familial relationships, contractual relationships, or similar financial interests.

If a Board member becomes aware or suspects that he or she or a family member has a financial interest in a transaction involving the Agency, they should immediately disclose the fact to the Legal Counsel for evaluation and opinion on the potential conflict.

Whenever an employee becomes aware or suspects that he or she or a family member has a financial interest in a transaction involving the Agency, they should immediately disclose that fact to a supervisor. The matter will then be referred to Legal Counsel for evaluation and opinion on the potential conflict.

7.1 Board of Directors Conflict of Interest Adherence

1. A Board member or employee shall not be financially interested in any contract made by them in their official capacity, or by any body or board of which they are members.
2. A Board member or employee will not participate in the discussion, deliberation or vote on a matter before the Board of Directors, or in any way attempt to use his or her official position to influence a decision of the Board, if he or she has a prohibited interest with respect to the matter, as defined in the Political Reform Act, Government Code section 81000 et seq. relating to conflicts of interest. A Director has a financial interest if he/she has a material financial effect that is distinguishable from the effect on the public generally on:
 - a. Any business entity in which the Board member or employee has a direct or indirect investment worth the amount specified in the then-effective Fair Political Practices Commission (FPPC) regulations;
 - b. Real property in which the Board member or employee has a direct or indirect interest, with a worth in the amount specified in the then-effective FPPC regulations;
 - c. A source of income of the Board member or employee in the amount specified in the then-effective FPPC regulations;
 - d. A source of gifts to the Board member or employee in an amount specified in the then-effective Fair Political Practices Commission (FPPC) regulations within twelve months before the Board decision;
 - e. A business entity in which the Board member holds a position as a director, trustee, officer, partner, manager or employee;

- f. The Board member or employee's personal expenses, income, assets or liabilities, and those of his or her immediate family, are likely to go up and down in a 12-month period as a result of the decision in the amount specified in the then-effective FPPC regulations.
3. If a Board member believes that he or she may be disqualified from participation in the discussion, deliberations or vote on a particular matter due to a conflict of interest, the following procedures will be followed:
 - a. If the Board member becomes aware of the potential conflict of interest before the Board meeting at which the matter will be discussed or acted on, the Board member will notify the Agency's General Manager and the Agency's Legal Counsel of the potential conflict of interest, so that a determination can be made whether it is a disqualifying conflict of interest;
 - b. If it is determined that a disqualifying conflict of interest exists, the Board member shall state on the record during an open Board meeting, the nature of the conflict of interest and shall excuse himself/herself from the boardroom prior to Board discussion on the agenda item. The conflicted Board member shall abstain from voting and shall not participate in Board discussion or in any way attempt to influence the Board's consideration of the agenda item.

Board members shall refrain from voting on or otherwise influencing matters involving any person with whom the member is negotiating for, or has accepted, future employment, or where the member has a direct or indirect ownership interest or business relationship.

Board members are also prohibited from recommending the employment of a relative by the Agency.

No conflict exists if a Board member votes on a rate increase or tax level that effects all members of a class in the same manner as it will affect the Board member.

7.1.1 Compensation, Gifts and Gratuities

No Board member shall receive or agree to receive, directly or indirectly, any compensation, reward, honoraria or gift from any source except from his or her employer, for any action related to the conduct of the Agency's business.

7.1.2 Post-Employment Relationships

A former Board member, General Manager, Executive Manager, or department supervisor cannot represent, for compensation, any non-governmental entity before the Agency for a period of one year after leaving office or employment. This means to actively support or oppose a particular decision in a proceeding by lobbying in person to the executive managers or employees of the Agency, and to members of the Board of Directors. This does not apply to representation for a not-for-profit charitable entity or government entity before the Agency.

7.1.3 Incompatible Offices

Any Board member being considered for election to, or appointment at, another public entity, the duties of which may require action contrary or inconsistent with the interest of the Agency, may

request an opinion from the Legal Counsel, Attorney General of the State of California, or the California Fair Political Practices Commission, whichever may be applicable as to the compatibility of the offices.

7.2 Ethics and Anti-Harassment Training

7.2.1 Ethics Training

AB 1234 requires elected or appointed officials who are compensated for their service or reimbursed for their expenses to take two hours of training in ethics principles and laws every two years. Those who enter office after January 1, 2006, must receive the training within a year starting their service. They must then receive the training every two years after that.

The training must cover general ethics principles relating to public service and ethics laws, including:

1. Laws relating to personal financial gain by public officials (including bribery and conflict of interest laws);
2. Laws relating to office-holder perks, including gifts and travel restrictions, personal and political use of public resources, and prohibitions against gifts of public funds;
3. Governmental transparency laws, including financial disclosure requirements, and open government laws (the Brown Act and Public Records Act);
4. Laws relating to fair processes, including fair contracting requirements, common law bias requirements, and due process.

7.2.2 Sexual Harassment Prevention Training

Existing law requires any civil or political subdivision of the state and all cities to provide at least two hours of training regarding sexual harassment to all supervisory employees, as specified.

7.3 Agency Ethical Philosophy

It is Agency policy that Board members, executive managers, and employees maintain the highest standard of personal honesty and fairness in carrying out their duties. The Board members must uphold the United States Constitution, the California Constitution, and local and state laws. They must comply with both the spirit and letter of the applicable laws regulating conduct, including conflict of interest and financial disclosure requirements.

Board members should work in full cooperation with other public officials unless prohibited by law or officially recognized confidentiality of their work. This includes those Board members elected to the Board but who have not yet assumed office as a Board member.

The Board of Directors must perform its duties in accordance with rules established by the Agency, state law, federal law, and those rules and regulations established by state and federal agencies.

7.4 Equal Treatment

Board members shall also refrain from abusive conduct, personal attacks upon the character or morals of other Board members, Executive Managers, Agency, employees, or members of the public. Furthermore, no Board member, Executive Manager, or Agency employee shall directly or

indirectly use or attempt to use the authority or influence of his or her position for the purpose with the intent of interfering with that person's duty to disclose improper activity.

Board members are prohibited from offering inducements to potential vendors, contractors, consultant, or other parties, to the exclusion of similar persons or firms, in hopes of obtaining reciprocal favors.

Board members shall not, in the performance of their official functions, discriminate against any person on the basis of race, religion, color, creed, age, marital status, national origin, ancestry, sex, sexual preference, medical condition, or disability.

CHAPTER 8: COMPLAINT PROCEDURE

Concerns regarding a Board member's, Executive Manager's, contractor's, consultants, or vendor's ethical behavior should be reported immediately to the Agency's Legal Counsel. Concerns regarding an employee's ethical behavior should be immediately reported to the Manager of Human Resources. The ethics complaint should be used for allegations of intentional or negligent non-compliance with this Resolution, state or federal law or Agency policies.

All information relating to verbal and written complaints and investigation materials will be kept strictly confidential to the extent permitted by law.

Where practical, all complaints should be submitted in writing with substantiating documentation or through the Agency's Ethics/Fraud hotline which is noted on the Agency's web site. While complaints may be submitted anonymously, individuals are strongly encouraged to identify themselves, as this will facilitate follow-up investigation regarding the complaint.

All complaints received by Legal Counsel regarding ethical or possible illegal behavior will be reviewed by the Agency's Legal Counsel to determine the appropriate course of action. If deemed appropriate by Legal Counsel, an investigation will be commenced within thirty (30) calendar days of receipt. If possible all investigations into complaints will be completed within sixty (60) days of the commencement of the investigation.

Unless it is necessary as part of the investigation to communicate with the Board of Directors, the Executive Manager, or as provided for in section 6 below, no Board Member, Executive Manager or employee is to be advised that an investigation is being conducted.

Upon completion of the investigation, Legal Counsel will find the complaint to be unsubstantiated, to be mistaken, to be malicious, or find that non-compliance has occurred. If a finding of non-compliance has occurred involving members of the Board of Directors or Executive Management, Legal Counsel will recommend appropriate action to the full Board of Directors, as permitted by the Brown Act.

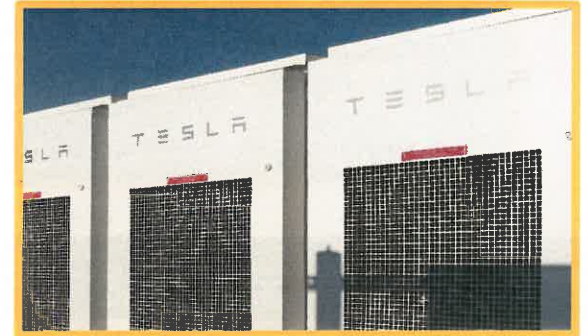
If a finding of non-compliance has occurred involving a contractor, consultant, or vendor, Legal Counsel will forward a copy of the investigation to the appropriate law enforcement agency.

All records of complaints filed against a Board Member, General Manager, or a member of Executive Management are to be kept in a locked file in the Office of the Agency's Legal Counsel. All records of complaints filed against an Agency employee are to be kept in a locked file in the Office of the Manager of the Human Resources Department.

INFORMATION
ITEM

3A

Engineering and Construction Management Project Updates



DL37141 – CDA Structures Coating

- Construction Contractor: Industrial Coating & Restoration
- Current Contract (Construction): \$170 K
- Total Project Budget: \$220 K
- Project Completion: December 2017
- Percentage Complete: 95%
- Scope of Work:
 - Recoat all specified process vessels, chemical tanks, light poles, electrical structures, pipelines, and pumps
- Current Activities:
 - Final touch-ups and punch list
- Focus Points:
 - Finalize and close project



Finish Coat to Light Poles



Finish Coat to Process Tanks

EN11031 – RP-5 Flow Equalization

- Construction Contractor: SCW
- Current Contract (Construction): \$1.2 M
- Total Project Budget: \$3.4 M
- Project Completion: April 2018
- Percentage Complete: 80%
- Scope of Work:
 - Install level transmitters
 - Replace chemical pumps
 - Concrete repair and coating at chemical facility
- Current Activities:
 - Review and approve final control submittal
 - Install weir gate actuator at emergency splitter box
- Focus Points:
 - Start-up and testing of chemical pumps



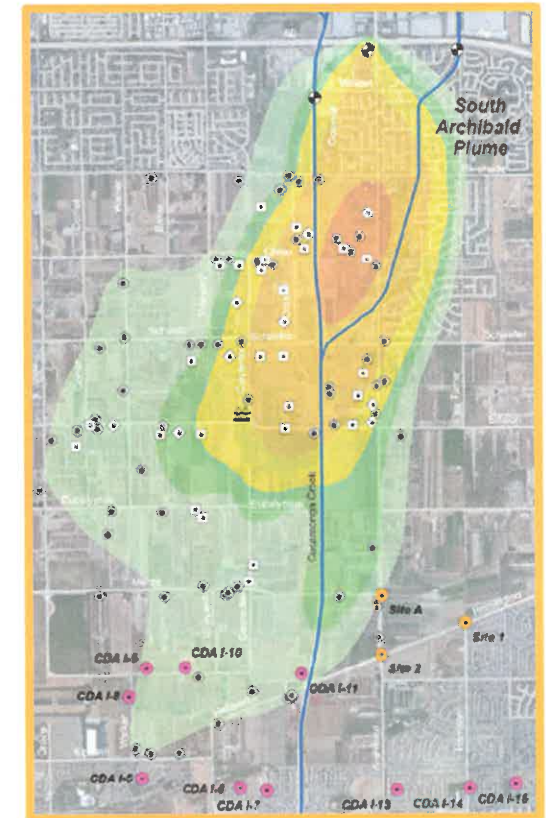
New Control Panel



New Chemical Pumps

EN16021 – TCE Plume Cleanup

- Design Engineer: Multiple Consultants
- Total Project Budget: \$20.1 M
- Project Completion: October 2019
- Percentage Complete: 27%
- Scope of Work:
 - Wells: 2 monitoring, 1 supply
 - Pipelines: 30,000 feet of 18” and 24”
 - Treatment: Modify Chino II Desalter’s decarbonators
- Current Activity:
 - Wells: Acquire property for well location
 - Pipelines: Award design contract January 2018
 - Treatment: Solicit design consultant January 2018
- Focus Points:
 - Secure property for well location and begin construction on monitoring well



South Archibald TCE Plume

EN16049 - Conference Rooms Audio Visual Upgrades

- Construction Contractor: New Millennium
- Current Contract (Construction): \$1.1 M
- Total Project Budget: \$1.4 M
- Project Completion: January 2018
- Percentage Complete: 99%
- Scope of Work:
 - Design and install audio visual upgrades at the Headquarters' Conference Rooms and Board Room
- Current Activities:
 - Project close out and warranty
- Focus Points:
 - Close out job



Event Center Modifications



Conference Room Schedulers

EN17052 – RP-1 and RP-4 Safety Improvements

- Construction Contractor: Ferreira
- Current Contract (Construction): \$708 K
- Total Project Budget: \$1.0 M
- Project Completion: December 2017
- Percentage Complete: 100%
- Scope of Work:
 - Safety enhancement at RP-1
 - South facing fencing at RP-4
- Current Activities:
 - Project close out
- Focus Points:
 - Punch list items



Completed RP-4 Picket Fence

EN17059 – RP-1 Iron Sponges Installation

- Construction Contractor: W.A. Rasic
- Current Contract (Construction): \$367 K
- Total Project Budget: \$600 K
- Project Completion: December 2017
- Percentage Complete: 100%
- Scope of Work:
 - Installation of two new iron sponges and tie-ins
 - Piping, fittings, valves, supports, and appurtenances similar to the existing iron sponge
 - Protective coatings for the new and existing iron sponges
- Current Activities:
 - Project close out
- Focus Points:
 - Punch list items



BEFORE



AFTER

**INFORMATION
ITEM**

3C

Date: January 17, 2018

To: The Honorable Board of Directors
Committee:

From: Halla Razak, General Manager

HR

Executive Contact: Christina Valencia, Executive Manager of Finance & Administration/AGM

Subject: Treasurer's Report of Financial Affairs

Executive Summary:

The Treasurer's Report of Financial Affairs for the month ended November 30, 2017 is submitted in a format consistent with the State requirement.

For the month of November 2017, total cash, investments, and restricted deposits of \$179,914,477 reflects an increase of \$1,530,268 compared to the total of \$178,384,209 reported in October 2017. The increase was primarily due to property tax receipts of \$3.5 million, new wastewater and water connection fees receipt of \$2.7 million, partially offset by the debt service payment of \$4.5 million corresponding to the 2017A bonds. As a result the average days of cash on hand for the month ended November 30, 2017 slightly increased from 246 days to 247 days.

The Agency's investment portfolio yield in November 2017 was 1.273%, an increase of 0.07% compared to the October yield of 1.203%. Higher yields in the Local Agency Investment Fund (LAIF) account from 1.143% in October to 1.172% in November, and the CalTrust investment accounts from 1.315% to 1.791%, explains the overall improvement.

Staff's Recommendation:

The Treasurer's Financial Affairs Report for the month ended November 30, 2017 is an informational item for the Board of Director's review.

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

Account/Project Name:

Fiscal Impact (explain if not budgeted):

The interest earned on the Agency's investment portfolio increases the Agency's reserves.

Prior Board Action:

On December 20, 2017, the Board of Directors approved the Treasurer's Financial Affairs Report for the month ended October 31, 2017.

Environmental Determination:

Not Applicable

Business Goal:

The Financial Affairs report is consistent with the Agency's Business Goal of Fiscal Responsibility in providing financial reporting that accounts for cash and investment activities to fund operating requirements and to optimize investment earnings.

Attachments:

Attachment 1 - Background

Attachment 2 - Powerpoint

Attachment 3 - November 2017 Financial Affairs Report

Background

Subject: Treasurer's Report on Financial Affairs

The Treasurer's Report of Financial Affairs for the month ended November 30, 2017 is submitted in a format consistent with State requirements. The monthly report denotes investment transactions that have been executed in accordance with the criteria stated in the Agency's Investment Policy (Resolution No. 2017-4-1).

In the October 2017 Treasurer's Financial Affairs Report, staff noted an exception that the medium-term note portfolio was at 10.4 percent, which exceeds the 10 percent allowable threshold defined in the Investment Policy but below the 30 percent threshold established under the California Government Code (CGC). As of November 30, 2017, the medium-term notes portfolio was 9.96 percent which complies with the allowable threshold in the Agency's Investment Policy.

Agency total cash, investments, and restricted deposits for the month ended November 30, 2017 amount \$179.9 million, an increase of \$1.5 million over the \$178.4 million reported for the month ended October 31, 2017. The increase was primarily due to property tax receipts of \$3.5 million, new wastewater and water connection fees receipt of \$2.7 million, partially offset by the debt service payment of \$4.5 million corresponding to the 2017A bonds.

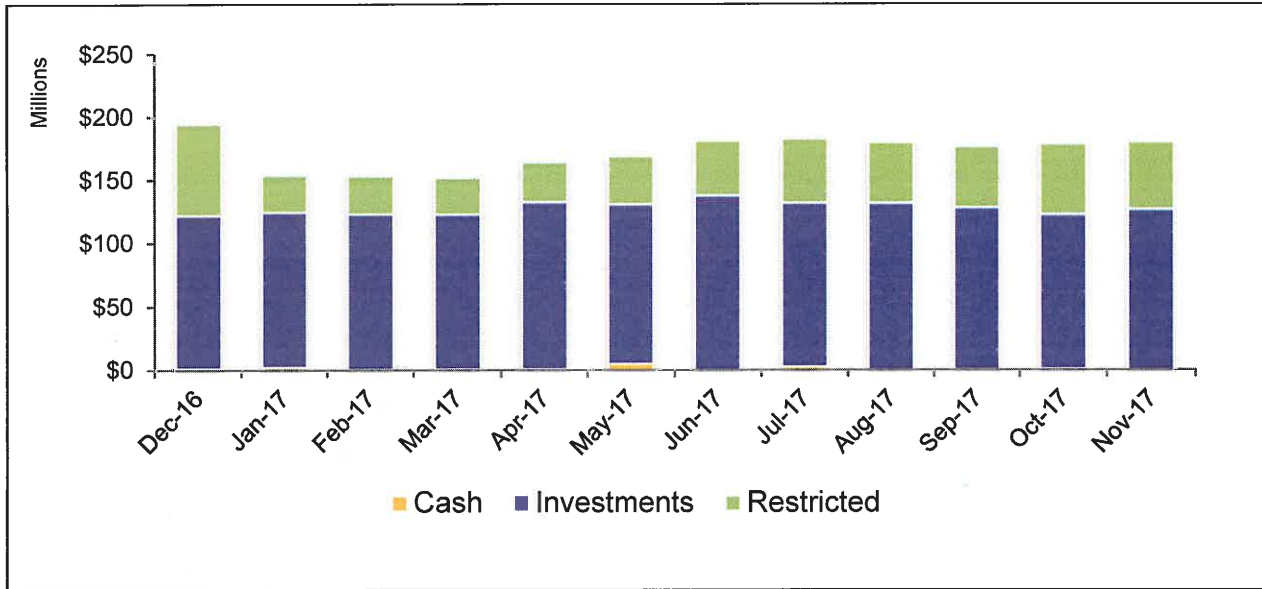
Table 1 represents the Agency portfolio, by authorized investment and duration, in a total amount of \$126.3 million. The Agency portfolio excludes restricted deposits in the amount of \$53.6 million held by member agencies and with fiscal agent.

Table 1: Agency Portfolio

Authorized Investments	Allowable Threshold (\$ million or %)	Investment Value as of November 30, 2017 (\$ million)				Average Yield	Portfolio % (Unrestricted)
		Under 1 Year	1-3 Years	Over 3 Years	Total		
LAIF	\$65	\$32.27			\$32.27	1.17%	25.54%
CalTrust	n/a	\$15.22	\$6.00		\$21.22	1.79%	16.80%
CAMP	n/a	\$18.27			\$18.27	1.20%	15.46%
Citizens Business Bank – Sweep	40%	\$16.85			\$16.85	0.70%	13.34%
Brokered CD's	30%	\$1.20	\$0.48	\$0.24	\$1.92	1.60%	1.52%
Medium Term Notes	10%	\$6.50	\$6.08		\$12.58	1.34%	9.96%
Municipal Bonds	10%		\$1.00		\$1.00	1.75%	0.79%
US Treasury Notes	n/a		\$2.00		\$2.00	1.35%	1.58%
US Gov't Securities	n/a		\$20.23		\$20.23	1.33%	16.01%
Total		\$90.31	\$35.79	\$0.24	\$126.34	1.27%	100.00%

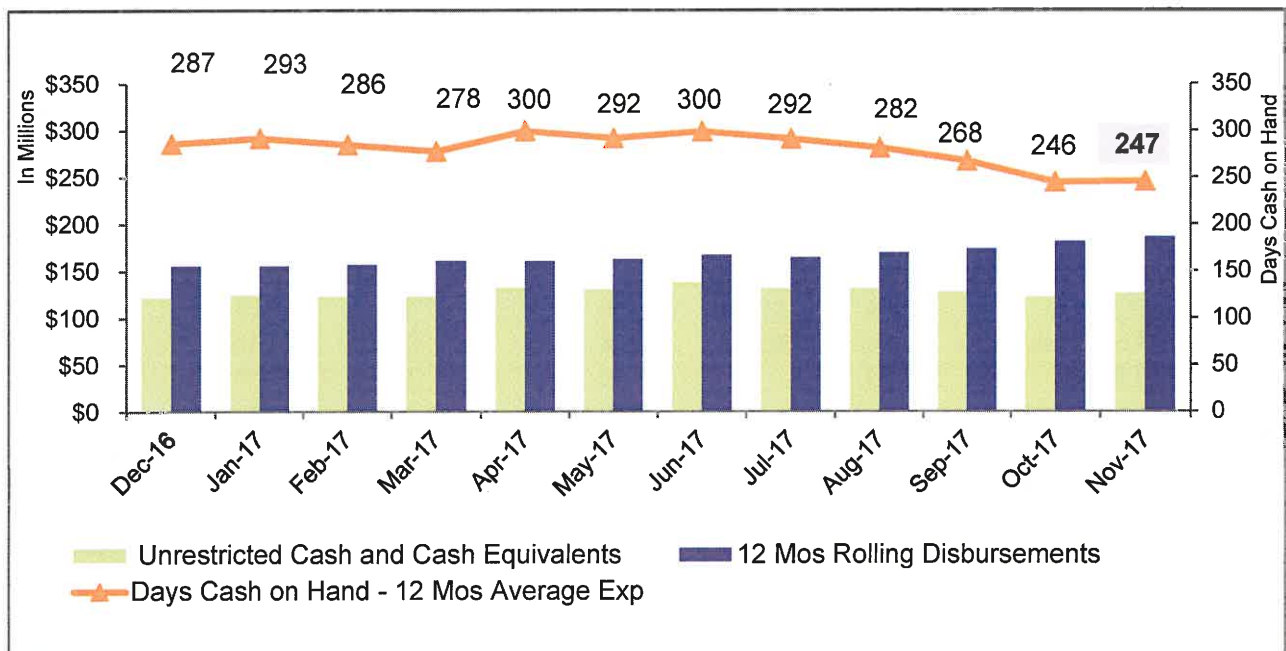
For the month of November 2017, total cash, investments, and restricted deposits reflects an increase of \$1.5 million compared to the total in October 2017, as reported in Figure 1.

Figure 1: Cash, Investments, and Restricted Deposits



Average days cash on hand is calculated using the monthly ending balance of unrestricted cash and cash equivalents divided by disbursements associated with operating expenses, debt service, and capital expenditures as recorded in the Agency’s cash flow. The increase in total cash, investment, and restricted deposits resulted in a slight increase in the Average Days Cash on Hand from 246 days at the end of October to 247 days at the end of November as shown in Figure 2.

Figure 2: Days Cash on Hand – 12 Month Rolling Average



Treasurer's Report of Financial Affairs for November 30, 2017

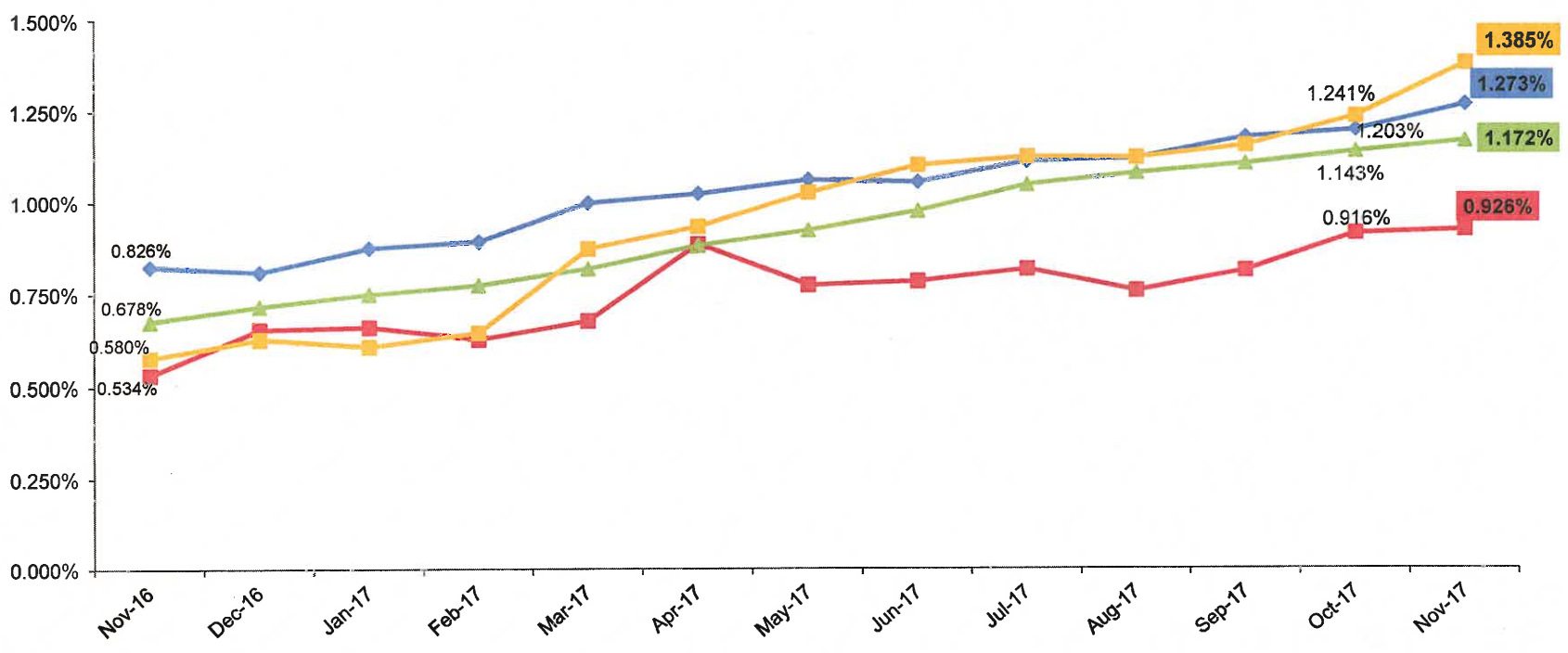


Agency Liquidity

- Increase in total portfolio mainly due \$3.5M of property tax receipts
- Slight increase in average cash on hand as a result of increase in total cash, investment, and deposits

Liquidity			
Description	November (\$ million)	October (\$ million)	Increase (Decrease) (\$ million)
Total Cash, Investments, and Restricted Deposits	\$179.9	\$178.4	\$1.5
Total Investment Portfolio	\$126.3	\$121.4	\$4.9
Investment Portfolio Yield	1.273%	1.203%	0.070%
Weighted Average Duration (years)	0.75	0.82	(0.07)
Average Cash on Hand (days)	247	246	1

Month End Portfolio Yield Composition



Questions



The Treasurer's Report of Financial Affairs is consistent with the Agency's business goal of fiscal responsibility

TREASURER'S REPORT OF FINANCIAL AFFAIRS

For the Month Ended November 30, 2017



All investment transactions have been executed in accordance with the criteria stated in the Agency's Investment Policy (Resolution No. 2017-4-1) adopted by the Inland Empire Utilities Agency's Board of Directors during its regular meeting held on April 19, 2017.

The funds anticipated to be available during the next six-month period are expected to be sufficient to meet all foreseen expenditures during the period.

* A Municipal Water District

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
November 30, 2017

	November	October
<u>Cash, Bank Deposits, and Bank Investment Accounts</u>	\$115,084	\$903,166
<u>Investments</u>		
Citizens Business Bank (CBB) Repurchase (Sweep)	\$16,854,979	\$11,439,294
Local Agency Investment Fund (LAIF)	32,268,927	32,268,927
CalTrust	21,219,208	21,222,865
California Asset Management Program (CAMP)	18,257,513	18,239,537
Certificates of Deposit	1,925,000	2,421,000
Municipal Bonds	997,807	997,705
Medium Term Notes	12,582,897	12,585,489
U.S. Treasury Notes	1,993,321	1,992,955
U.S. Government Sponsored Entities	20,235,618	20,234,976
Total Investments	\$126,335,270	\$121,402,748
 Total Cash and Investments Available to the Agency	\$126,450,354	\$122,305,914
 <u>Restricted Deposits</u>		
Debt Service Accounts	\$2,551,262	\$7,141,702
CCRA Deposits Held by Member Agencies	38,181,904	36,401,533
OPEB (CERBT) Account	12,147,500	12,044,921
Escrow Deposits	583,457	490,139
Total Restricted Deposits	\$53,464,123	\$56,078,295
 Total Cash, Investments, and Restricted Deposits	\$179,914,477	\$178,384,209

INLAND EMPIRE UTILITIES AGENCY

Cash and Investment Summary

Month Ended
November 30, 2017

Cash, Bank Deposits, and Bank Investment Accounts

CBB Demand Account (Negative offset by CBB Sweep Balance)	(\$53,231)
CBB Workers' Compensation Account	24,246
Subtotal Demand Deposits	<u>(\$28,985)</u>

Other Cash and Bank Accounts

Petty Cash	<u>\$2,250</u>
Subtotal Other Cash	\$2,250

US Bank Pre-Investment Money Market Account	\$141,819
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<i>Total Cash and Bank Accounts</i>	<u>\$115,084</u>
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Investments

CBB Repurchase (Sweep) Investments

FNMA	<u>\$16,854,979</u>
Subtotal CBB Repurchase (Sweep)	\$16,854,979

Local Agency Investment Fund (LAIF)

LAIF Fund	<u>\$32,268,927</u>
Subtotal Local Agency Investment Fund	\$32,268,927

CalTrust

Short Term	\$15,224,733
Medium Term - Restricted	<u>5,994,475</u>
Subtotal CalTrust	\$21,219,208

California Asset Management Program (CAMP)

Pool	<u>\$18,257,513</u>
Subtotal CAMP	\$18,257,513

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
November 30, 2017

Investments Continued

Brokered Certificates of Deposit

Brokered Certificates of Deposit	\$1,925,000
Subtotal Brokered Certificates of Deposit	<u>\$1,925,000</u>

Municipal Bonds

State and Local Municipal Bonds	\$997,807
Subtotal Municipal Bonds	<u>\$997,807</u>

Medium Term Notes

John Deere Capital Corp.	\$1,505,855
Toyota Motor Credit Corp.	999,840
JP Morgan Chase & Co.	2,009,739
Johnson & Johnson	2,059,476
Microsoft	1,003,436
Exxon Mobil	3,004,551
Wells Fargo Bank N.A.	<u>2,000,000</u>
Subtotal Medium Term Notes	<u>\$12,582,897</u>

U.S. Treasury Notes

Treasury Note	\$1,993,321
Subtotal U.S. Treasury Notes	<u>\$1,993,321</u>

U.S. Government Sponsored Entities

Fannie Mae Bank	\$3,749,709
Freddie Mac Bank	5,488,072
Federal Farm Credit Bank	7,999,215
Federal Home Loan Bank	<u>2,998,622</u>
Subtotal U.S. Government Sponsored Entities	<u>\$20,235,618</u>

<i>Total Investments</i>	<u>\$126,335,270</u>
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INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
November 30, 2017

Restricted Deposits

Debt Service

08B Debt Service Accounts	\$2,550,498
10A Debt Service Accounts	155
17A Debt Service Accounts	609
	\$2,551,262
Subtotal Debt Service	\$2,551,262

CCRA Deposits Held by Member Agencies

City of Chino	\$5,882,638
Cucamonga Valley Water District	3,624,539
City of Fontana	6,106,367
City of Montclair	1,102,088
City of Ontario	13,214,317
City of Chino Hills	6,691,397
City of Upland	1,560,558
	\$38,181,904
Subtotal CCRA Deposits Held by Member Agencies	\$38,181,904

CalPERS

OPEB (CERBT) Account	\$12,147,500
Subtotal CalPERS Accounts	\$12,147,500

Escrow Deposits

Kemp Brothers Construction	\$583,457
Subtotal Escrow Deposits	\$583,457

Total Restricted Deposits

\$53,464,123

Total Cash, Investments, and Restricted Deposits as of November 31, 2017

\$179,914,477

Total Cash, Investments, and Restricted Deposits as of 11/30/17

\$179,914,477

Less: Total Cash, Investments, and Restricted Deposits as of 10/31/17

178,384,209

Total Monthly Increase (Decrease)

\$1,530,268

INLAND EMPIRE UTILITIES AGENCY

Cash and Investment Summary

Month Ended
November 30, 2017

	Credit Rating @ Purchase		CHANGES IN Credit Rating		Par Amount	Cost Basis Amount	Term (Days)	November Amortization	November Value	% Coupon	% Yield to Maturity	Maturity Date	Market Value
	S&P	Moody's	S&P	Moody's									
<u>Cash, Bank Deposits, and Bank Investment Accounts</u>													
Citizens Business Bank (CBB)													
Demand Account*					(\$53,231)	(\$53,231)	N/A	N/A	(\$53,231)		N/A	N/A	(\$53,231)
Payroll Checking					0	0	N/A	N/A	0		N/A	N/A	0
Workers' Compensation Account					24,246	24,246	N/A	N/A	24,246		N/A	N/A	24,246
Subtotal CBB Accounts					(\$28,985)	(\$28,985)			(\$28,985)				(\$28,985)
US Bank (USB)													
Federated Automated MMA					\$141,819	\$141,819	N/A	N/A	\$141,819		0.66%	N/A	\$141,819
Subtotal USB Account					\$141,819	\$141,819			\$141,819		0.66%		\$141,819
Petty Cash					\$2,250	\$2,250	N/A	N/A	\$2,250		N/A	N/A	\$2,250
Total Cash, Bank Deposits and Bank Investment Accounts					\$115,084	\$115,084			\$115,084				\$115,084
<i>*Negative demand checking balance is offset by the Daily Repurchase (Sweep) Account balance</i>													
<u>Investments</u>													
CBB Daily Repurchase (Sweep) Accounts													
FNMA					\$16,854,979	\$16,854,979			\$16,854,979		0.70%		\$16,854,979
Subtotal CBB Repurchase Accounts					\$16,854,979	\$16,854,979			\$16,854,979		0.70%		\$16,854,979
LAIF Accounts													
Non-Restricted Funds					\$32,268,927	\$32,268,927	N/A	N/A	\$32,268,927		1.172%	N/A	\$32,268,927
Subtotal LAIF Accounts					\$32,268,927	\$32,268,927			\$32,268,927		1.172%		\$32,268,927
CALTRUST Accounts													
Short-Term					\$15,224,733	\$15,224,733	N/A	N/A	\$15,224,733		1.87%	N/A	\$15,224,733
Medium-Term (Self Insurance Reserves)					5,994,475	5,994,475	N/A	N/A	5,994,475		1.59%	N/A	5,994,475
Subtotal CalTrust Accounts					\$21,219,208	\$21,219,208			\$21,219,208		1.791%		\$21,219,208
CAMP Accounts													
Short-Term					\$18,257,513	\$18,257,513	N/A	N/A	\$18,257,513		1.20%	N/A	\$18,257,513
Subtotal CAMP Accounts					\$18,257,513	\$18,257,513			\$18,257,513		1.20%		\$18,257,513

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary
 Month Ended
 November 30, 2017

	Credit Rating @ Purchase		CHANGES IN Credit Rating		Par Amount	Cost Basis Amount	Term (Days)	November Amortization	November Value	% Coupon	% Yield to Maturity	Maturity Date	Market Value
	S&P	Moody's	S&P	Moody's									
Investments (continued)													
Brokered Certificates of Deposit (CDs)													
Capital One Bank	N/A				240,000	240,000	916		240,000	1.35%	1.35%	01/16/18	240,077
Goldman Sachs Bank USA	N/A				240,000	240,000	916		240,000	1.40%	1.40%	01/16/18	240,091
BMW Bank of North America	N/A				240,000	240,000	915		240,000	1.40%	1.40%	01/17/18	240,091
American Express Bank	N/A				240,000	240,000	1097		240,000	1.70%	1.70%	07/16/18	240,106
American Express Centurion	N/A				240,000	240,000	1097		240,000	1.70%	1.70%	07/16/18	240,106
Ally Bank	N/A				243,000	243,000	722		243,000	1.45%	1.45%	03/11/19	242,385
Wells Fargo Bank	N/A				242,000	242,000	729		242,000	1.55%	1.55%	03/15/19	241,683
Synchrony Bank	N/A				240,000	240,000	1827		240,000	2.25%	2.25%	10/02/20	241,411
Subtotal Brokered CDs					\$1,925,000	\$1,925,000		\$0	\$1,925,000		1.60%		\$1,925,950
US Treasury Note													
US Treasury Note					\$2,000,000	\$1,990,000	808	366	\$1,993,321	1.125%	1.35%	05/31/19	\$1,981,720
Subtotal US Treasuries					\$2,000,000	\$1,990,000		\$366	\$1,993,321		1.35%		\$1,981,720
U.S. Government Sponsored Entities													
Federal Home Loan Bank	AA+	Aaa			1,000,000	1,000,380	713	(16)	1,000,218	1.25%	1.23%	01/18/19	994,900
Federal Farm Credit Bank	AA+	Aaa			3,000,000	3,000,000	1,079		3,000,000	1.15%	1.15%	02/22/19	2,969,550
Freddie Mac Bond	AA+	Aaa			1,000,000	1,003,132	1,023	(92)	1,001,439	1.25%	1.14%	03/15/19	993,410
Federal Farm Credit	AA+	Aaa			1,500,000	1,499,411	720	25	1,499,604	1.40%	1.42%	03/27/19	1,493,280
Federal Farm Credit	AA+	Aaa			1,500,000	1,499,400	720	24	1,499,611	1.40%	1.42%	03/27/19	1,493,280
Federal Home Loan Bank	AA+	Aaa			2,000,000	1,997,600	801	89	1,998,404	1.375%	1.43%	05/24/19	1,988,740
Federal Farm Credit Bank	AA+	Aaa			2,000,000	2,000,000	1,460		2,000,000	1.52%	1.52%	06/24/19	1,991,840
Freddie Mac Bond	AA+	Aaa			1,500,000	1,500,000	1,080		1,500,000	1.15%	1.15%	07/26/19	1,483,965
Fannie Mae Step Bond	AA+	Aaa			1,500,000	1,500,000	1,080		1,500,000	1.00%	1.33%	07/26/19	1,486,395
Fannie Mae Bond	AA+	Aaa			900,000	899,460	1,153	14	899,709	1.25%	1.27%	08/23/19	886,923
Fannie Mae Bond	AA+	Aaa			1,350,000	1,350,000	1,157		1,350,000	1.25%	1.25%	08/26/19	1,336,743
Freddie Mac Bond	AA+	Aaa			3,000,000	2,972,928	1,359	598	2,986,633	1.25%	1.50%	10/02/19	2,968,020
Subtotal U.S. Gov't Sponsored Entities					\$20,250,000	\$20,222,311		\$642	\$20,235,618		1.33%		\$20,087,046

(As of August 2011, all US GSE's have been downgraded to AA+ Rating by S&P)

INLAND EMPIRE UTILITIES AGENCY

Cash and Investment Summary

Month Ended
November 30, 2017

	Credit Rating @ Purchase		CHANGES IN Credit Rating		Par Amount	Cost Basis Amount	Term (Days)	November Amortization	November Value	% Coupon	% Yield to Maturity	Maturity Date	Market Value
	S&P	Moody's	S&P	Moody's									
<u>Municipal Bonds</u>													
San Diego Redevelopment Agency	AA	N/R			\$1,000,000	\$996,800	934	\$103	\$997,807	1.625%	1.75%	09/01/19	\$986,980
Subtotal State and Local Municipal Bonds					\$1,000,000	\$996,800		\$103	\$997,807		1.75%		\$986,980
<u>Medium Term Notes</u>													
Wells Fargo Bank	AA-	Aa2			1,500,000	1,502,565	301	(325)	1,505,855	1.65%	1.44%	01/22/18	1,499,910
Toyota Motor Credit Corp	AA-	Aa3			2,000,000	2,000,000	1,045		2,000,000	1.10%	1.10%	04/25/18	1,990,760
JP Morgan Chase & Co	A-	A3			1,000,000	999,000	1,037	29	999,840	1.625%	1.66%	05/15/18	999,410
Johnson & Johnson	AAA	Aaa			2,000,000	2,027,480	1,044	(790)	2,009,739	1.65%	1.16%	12/05/18	1,998,280
Microsoft	AAA	Aaa			2,050,000	2,076,691	1,045	(766)	2,059,476	1.625%	1.16%	12/06/18	2,046,556
Exxon Mobil	AA+	Aaa			1,000,000	1,005,750	763	(226)	1,003,436	1.708%	1.43%	03/01/19	998,410
Exxon Mobil	AA+	Aaa			1,500,000	1,506,285	712	(262)	1,504,108	1.819%	1.59%	03/15/19	1,498,875
Wells Fargo Bank	AA-	Aa2			1,500,000	1,511,655	1,061	(251)	1,500,443	1.75%	1.48%	05/24/19	1,492,935
Subtotal Medium Term Notes					\$12,550,000	\$12,629,426		(2,591)	\$12,582,897		1.34%		\$12,525,136
Total Investments					\$126,325,627	\$126,364,164			\$126,335,270				\$126,107,459
<i>(Source of Investment Market Value: US Bank)</i>													
<u>Restricted Deposits</u>													
<u>Debt Service and Arbitrage Accounts</u>													
08B Debt Service Accounts					\$2,550,498	\$2,550,498	N/A	N/A	\$2,550,498		0.57%		\$2,550,498
10A Debt Service Accounts					155	155	N/A	N/A	155		0.20%		155
17A Debt Service Accounts					609	609	N/A	N/A	609		0.20%		609
Total Debt Service Accounts					\$2,551,262	\$2,551,262			\$2,551,262		0.57%		\$2,551,262

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary
 Month Ended
 November 30, 2017

	Credit Rating @ Purchase		CHANGES IN Credit Rating		Par	Cost Basis	Term	November	November	%	%	Maturity	Market
	S&P	Moody's	S&P	Moody's	Amount	Amount	(Days)	Amortization	Value	Coupon	Yield to Maturity	Date	Value
CCRA Deposits Held by Member Agencies													
City of Chino					\$5,882,638	\$5,882,638	N/A	N/A	\$5,882,638		N/A	N/A	\$5,882,638
City of Chino Hills					6,691,397	6,691,397	N/A	N/A	6,691,397		N/A	N/A	6,691,397
Cucamonga Valley Water District					3,624,539	3,624,539	N/A	N/A	3,624,539		N/A	N/A	3,624,539
City of Fontana					6,106,367	6,106,367	N/A	N/A	6,106,367		N/A	N/A	6,106,367
City of Montclair					1,102,088	1,102,088	N/A	N/A	1,102,088		N/A	N/A	1,102,088
City of Ontario					13,214,317	13,214,317	N/A	N/A	13,214,317		N/A	N/A	13,214,317
City of Upland					1,560,558	1,560,558	N/A	N/A	1,560,558		N/A	N/A	1,560,558
<i>Subtotal CCRA Deposits Held by Member Agencies</i>					<u>\$38,181,904</u>	<u>\$38,181,904</u>			<u>\$38,181,904</u>				<u>\$38,181,904</u>
<i>Reported total as of October 2017</i>													
CalPERS Deposits													
OPEB (CERBT) Account					\$11,000,000	\$11,000,000	N/A	N/A	\$12,147,500		N/A	N/A	\$12,147,500
Subtotal CalPERS Deposits					<u>\$11,000,000</u>	<u>\$11,000,000</u>			<u>\$12,147,500</u>				<u>\$12,147,500</u>
As of September 30th, the 1 year net return is 4.30%													
Escrow Deposits													
Kemp Brothers Construction Escrow					\$583,457	\$583,457	N/A	N/A	\$583,457		N/A	N/A	\$583,457
Subtotal Escrow Deposits					<u>\$583,457</u>	<u>\$583,457</u>			<u>\$583,457</u>				<u>\$583,457</u>
Total Restricted Deposits					<u>\$52,316,014</u>	<u>\$52,316,014</u>			<u>\$53,464,123</u>				<u>\$53,463,514</u>
Total Cash, Investments, and Restricted Deposits as of November 30, 2017					<u>\$178,756,725</u>	<u>\$178,795,262</u>			<u>\$179,914,477</u>				<u>\$179,686,057</u>

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
November 30, 2017

November Purchases

No.	Date	Transaction	Investment Security	Type	Par Amount Purchased	Investment Yield
<i>None</i>						
Total Purchases					<u><u>\$ -</u></u>	

November Investment Maturities, Calls & Sales

No.	Date	Transaction	Investment Security		Par Amount Matured/Sold	Investment Yield to Maturity
1	11/06/17	Matured	Sallie Mae Bank	CD	\$248,000	1.15%
2	11/13/17	Matured	Key Bank National Association	CD	\$248,000	1.10%
Total Maturities, Calls & Sales					<u><u>\$ 496,000</u></u>	

INLAND EMPIRE UTILITIES AGENCY

Cash and Investment Summary

Month Ended
November 30, 2017

Directed Investment Category

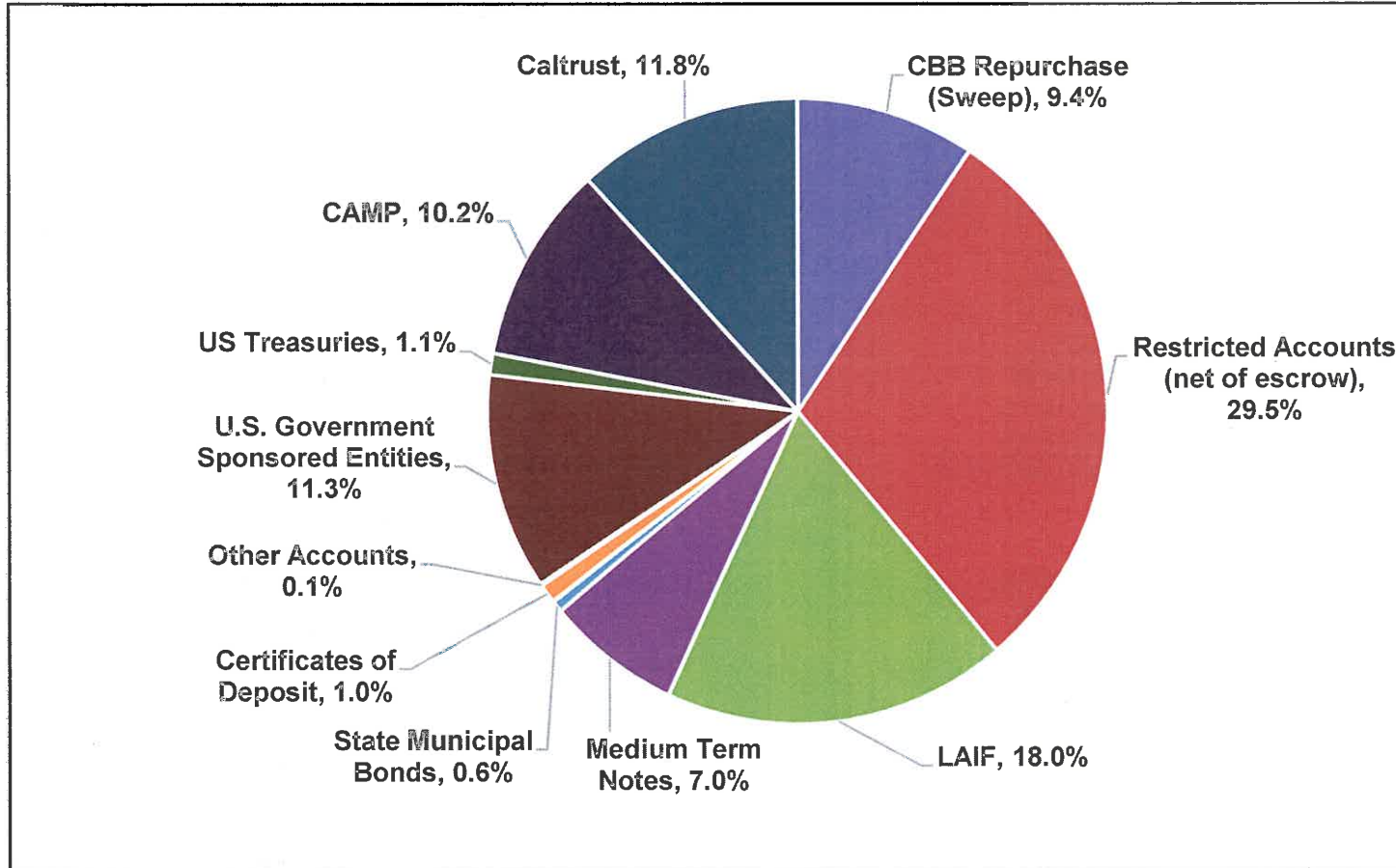
	<u>Amount Invested</u>	<u>Yield</u>
CBB Repurchase (Sweep)	\$16,854,979	0.700%
LAIF	32,268,927	1.172%
CalTrust	21,219,208	1.791%
CAMP	18,257,513	1.200%
Brokered Certificates of Deposit	1,925,000	1.600%
Medium Term Notes	12,582,897	1.336%
Municipal Bonds	997,807	1.753%
US Treasury Notes	1,993,321	1.352%
U.S. Government Sponsored Entities	20,235,618	1.335%
Total Investment Portfolio	\$126,335,270	
Investment Portfolio Rate of Return		1.273%

Restricted/Transitory/Other Accounts

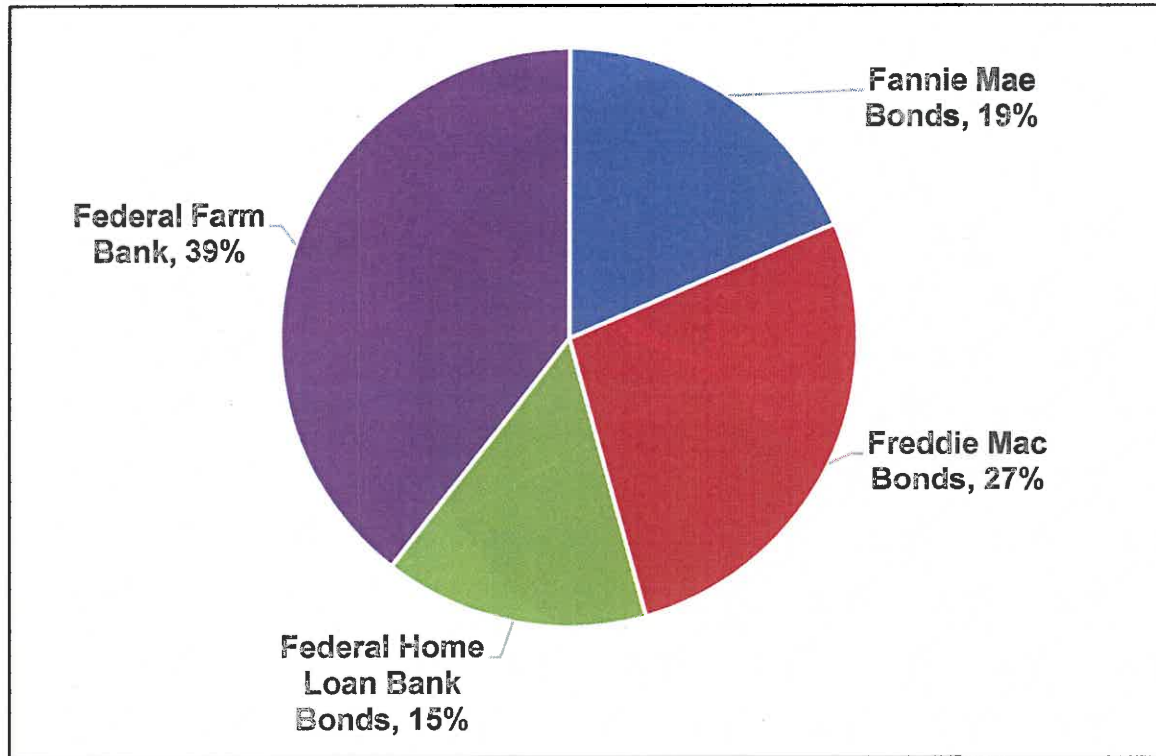
	<u>Amount Invested</u>	<u>Yield</u>
CCRA Deposits Held by Member Agencies	\$38,181,904	N/A
CalPERS OPEB (CERBT) Account	\$12,147,500	N/A
US Bank - 2008B Debt Service Accounts	\$2,550,498	0.570%
US Bank - 2010A Debt Service Accounts	\$155	0.200%
US Bank - 2017A Debt Service Accounts	\$609	0.200%
US Bank - Pre-Investment Money Market Account	\$141,819	0.660%
Citizens Business Bank - Demand Account	(\$53,231)	N/A
Citizens Business Bank - Workers' Compensation Account	\$24,246	N/A
Other Accounts*	\$2,250	N/A
Escrow Account	\$583,457	N/A
Total Restricted/Transitory/Other Accounts	\$53,579,207	
Average Yield of Other Accounts		0.575%
Total Agency Directed Deposits	\$179,914,477	

*Petty Cash

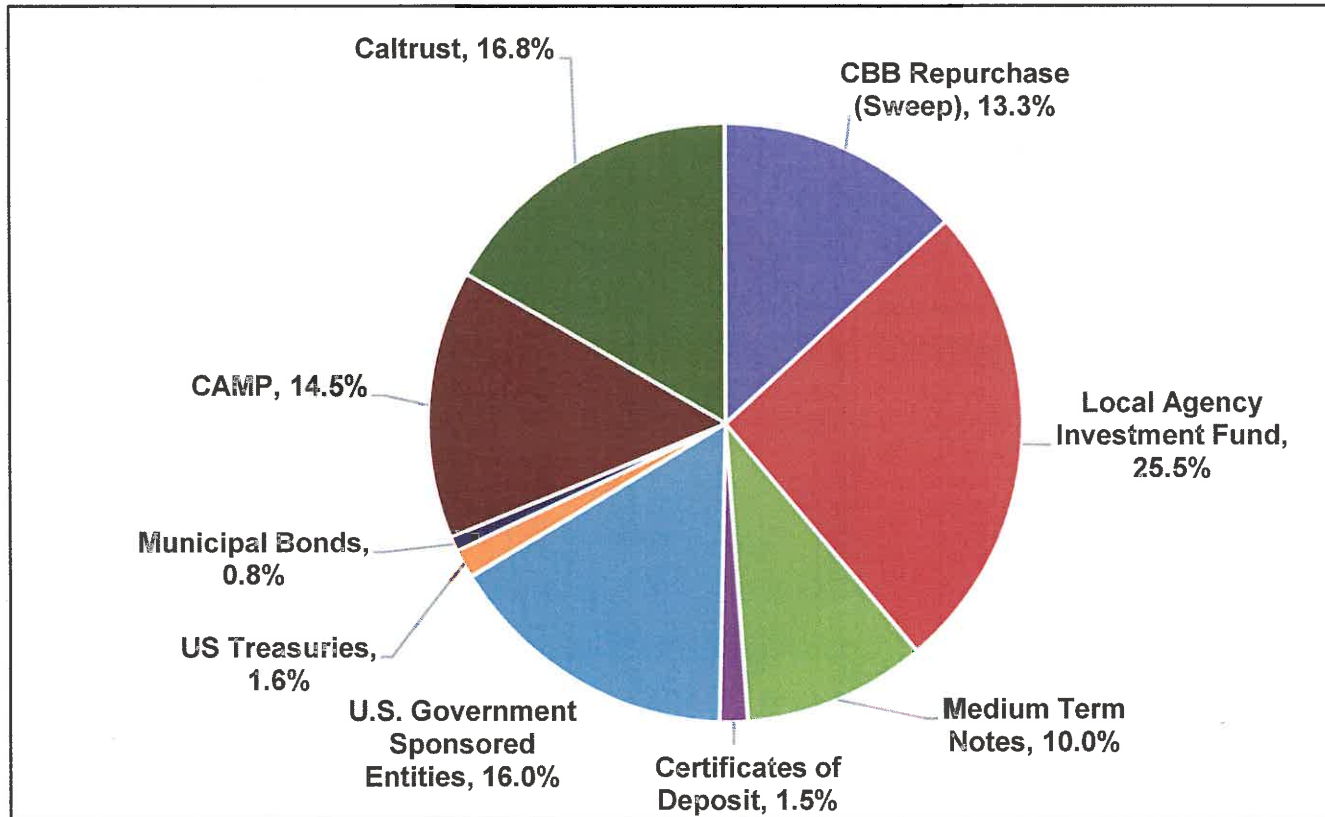
Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
For the Month Ended November 30, 2017
Agency Investment Portfolio (Net of Escrow Accounts)
\$179,331,020



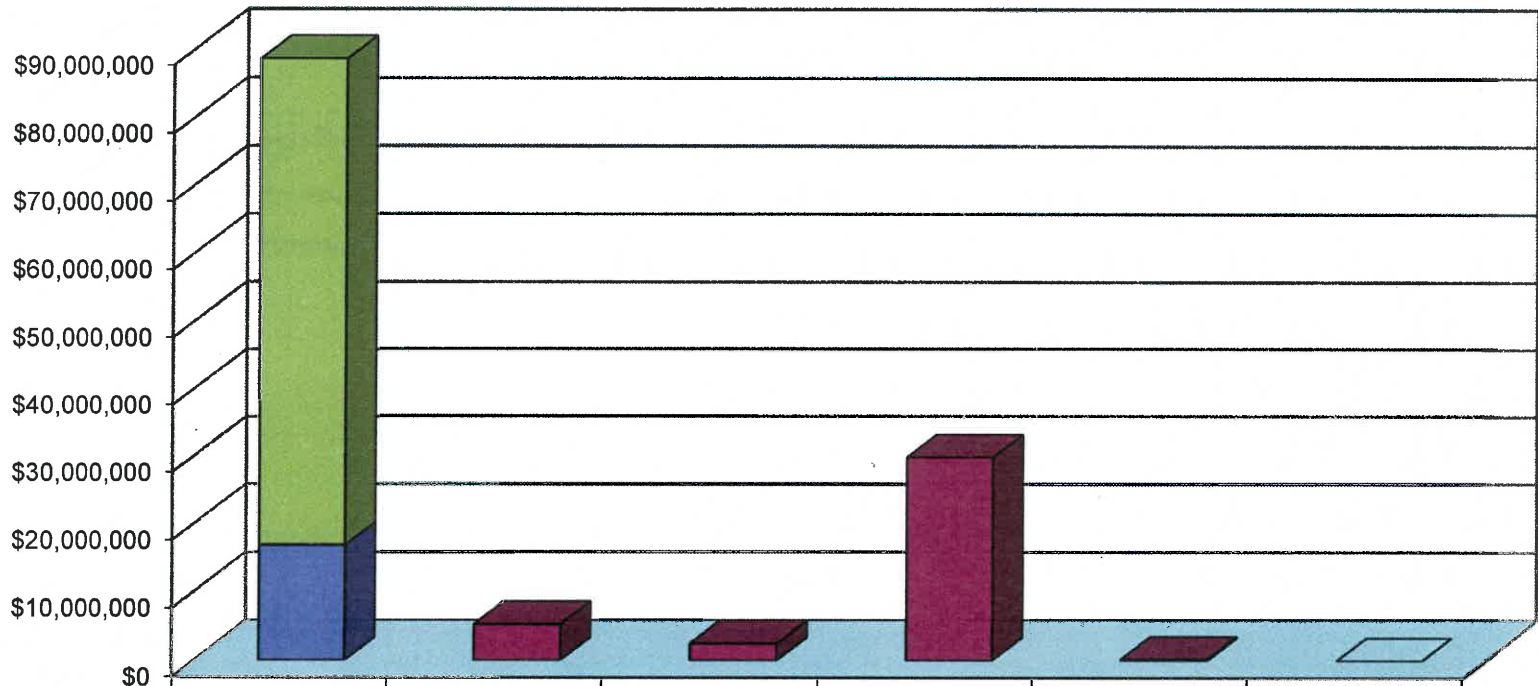
Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
For the Month Ended November 30, 2017
U.S. Government Sponsored Entities Portfolio
\$20,235,618



Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
For the Month Ended November 30, 2017
Unrestricted Agency Investment Portfolio
\$126,335,270

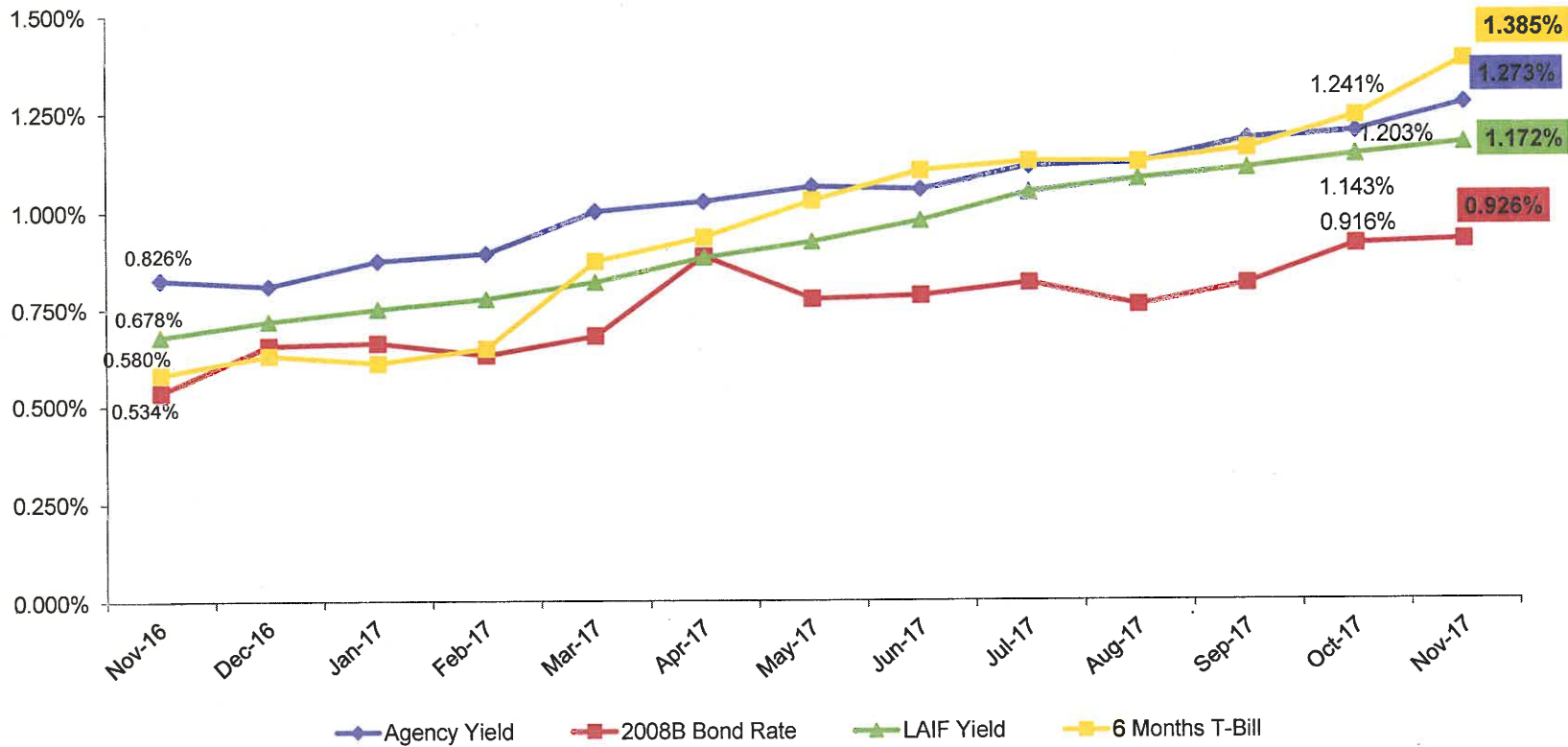


Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
For the Month Ended November 30, 2017
Agency Investment Portfolio Maturity Distribution (Unrestricted)
\$126,335,270



	0-30 Days	31-180 Days	181-365 Days	366-730 Days	2 to 3 Years	Over 3 Yrs
■ LAIF+CalTrust+CAMP	\$71,745,648					
■ CBB Repurchase (Sweep)	\$16,854,979					
■ GSE+CD+MTN+MUNI		5,225,695	2,489,739	29,779,209	240,000	
□ Percent	70.1%	4.1%	2.0%	23.6%	0.2%	0.0%

**Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
For the Month Ended November 30, 2017
Agency Investment Portfolio Yield Comparison**



INFORMATION
ITEM

3D



Date: January 17, 2018

To: The Honorable Board of Directors

From: Halla Razak, General Manager

HR

Committee: Community & Legislative Affairs

01/10/18

Executive Contact: Kathy Besser, Executive Manager of Ext. Aff. & Policy Dev./AGM

Subject: Public Outreach and Communication

Executive Summary:

This is an informational item that provides highlights of the External Affairs team's monthly outreach, education and communication programs and updates.

A Project WET and Garden in Every School® Workshop is scheduled for February 27. The workshop is mandatory for those schools interested in applying for the 2018/19 Garden in Every School® program for the installation of a water-wise garden on campus. This workshop also provides participants with the Project WET curriculum guide and training.

Staff is continuing to schedule Water Discovery field trips for program year 2017/18. To date, staff has provided field trips and/or scheduled approximately 3,210 students from July 2017 to May 2018.

Staff's Recommendation:

This is an informational item for the Board of Directors to receive and file.

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

Account/Project Name:

Fiscal Impact (explain if not budgeted):

Prior Board Action:

N/A

Environmental Determination:

Not Applicable

Business Goal:

IEUA is committed to providing a reliable and cost-effective water supply and promoting sustainable water use throughout the region.

IEUA is committed to enhancing and promoting environmental sustainability and the preservation of the region's heritage.

Attachments:

Attachment 1 - Background

Background

Subject: Public Outreach and Communication

February

- February 27, Project WET and Garden in Every School® Workshop, IEUA Building B Event Room, 8:00 a.m. – 3:00 p.m.

April

- April 18, Earth Day Event – Student Day, Chino Creek Wetlands and Educational Park, 9:00 a.m. – 2:00 p.m.
- April 19, Earth Day Event – Community Day, Chino Creek Wetlands and Educational Park, 4:00 p.m. – 7:00 p.m.

Outreach/Education - Civic Publications Newspaper Campaign

- IEUA staff distributed an email blast at the end of December focusing on resolutions to kick the water wasting habit.

Media and Outreach

- IEUA ran an ad in the *Champion Newspaper's* Holiday Greetings section on December 23.
- IEUA continues to run banner ads with *Fontana Herald News*.
- IEUA sent out *Kick the Habit* campaign ads focused on the holidays and New Year's resolutions to save water through social media and Constant Contact.
- In December, 18 posts were published to the IEUA Facebook page and 12 tweets were sent on the @IEUAWater Twitter handle.
 - The top three Facebook posts, based on reach and engagement, in the month of December were:
 - 12/5: SAWPA Commission Meeting – Intro. Halla Razak
 - 12/18: *Kick the Habit* water saving tip
 - 12/12: Project WET and GIES Workshop announcement
 - The top three tweets, based on reach and engagement, in the month of December were:
 - 12/7: #ThursdayThoughts #chinocreekwetlands post
 - 12/13: Project WET and GIES Workshop
 - 12/18: *Kick the Habit* #watersaving post

Education and Outreach Updates

- Staff is continuing to schedule Water Discovery field trips for program year 2017/18. To date, staff has provided field trips and/or scheduled approximately 3,210 students from July 2017 to May 2018.
- Student Earth Day is scheduled for Wednesday, April 18, 2018 and staff currently has 12 schools that have expressed interested in attending the event with approximately 1,100 students.
- Solar Cup Teams will be submitting their first technical report on January 4.

- A Project WET and Garden in Every School® Workshop is scheduled for February 27, 2018. The workshop is mandatory for those schools interested in applying for the 2018/19 Garden in Every School® program for the installation of a water-wise garden on campus. This workshop also provides participants with the Project WET curriculum guide and training.

INFORMATION
ITEM

3E

Innovative Federal Strategies LLC

Comprehensive Government Relations

MEMORANDUM

To: Halla Razak, Joe Grindstaff, Kathy Besser

From: Letitia White, Jean Denton, Annie Wake, Shavenor Winters

Date: December 22, 2017

Re: December Monthly Legislative Update

Congress Pushes Tax Reform Across Finish Line

The tax bill passed the House 227-203 on Tuesday, December 19, but was sent back to be voted on again after the Senate stripped out certain provisions of the bill that did not comply with the Byrd Rule, related to federal revenue and spending.

The Senate passed the measure by a 51-48 party-line vote early Wednesday, December 20. Both the House and the Senate have to pass an identical bill before the president can sign it into law.

The House Ways and Means Committee Chairman Kevin Brady (R-TX) said earlier that “the only thing better than voting on tax cuts once is voting on tax cuts twice.” After the bill passed, Brady could be seen on the House floor exchanging fist bumps with Rep. Steve Scalise (R-LA), as other Republican members waited to shake his hand and hug him.

The Tax Policy Center estimated in a new analysis that the Republican tax bill will add \$1.3 trillion to the deficit over 10 years once the benefits from economic growth are factored in. According to a statement, the bill would increase the gross domestic product by 0.8% in 2018.

The measure would have negligible effect on the GDP in 2027 or 2037, according to the TPC. President Donald Trump could signed the tax bill on Friday, December 22, after Congress passed a short-term spending bill that includes suspending the so-called PAYGO rules that would require automatic spending cuts tied to the tax reductions.

President Trump's signature was the last step to making the GOP tax legislation official. Many of the tax changes go into effect at the start of 2018. Individual taxpayers will start seeing withholding changes in their paychecks in February, Republican leaders say.

Republicans pointed to corporate announcements of more spending on employees after the bill's passage as an indication that the plan will boost economic growth. AT&T Inc. and Comcast Corp. announced Wednesday, December 20 that they will give their

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employees \$1,000 end-of-the-year bonuses on news of the tax cuts. Wells Fargo & Co. and Fifth Third Bancorp said they would raise their minimum wage to \$15 an hour. Boeing Co. pledged \$300 million in investment for employees and charities.

Corporations are “standing up and saying just exactly what people like Speaker Paul Ryan (R-WI) have been predicting for a long time,” Senate Majority Leader Mitch McConnell (R-KY) told reporters Dec. 21. “This is going to provide great opportunities for the employees of our economy.”

House Divided

Democrats pushed back on the idea that companies will automatically increase investment and wages because of a corporate tax cut. Rep. Lloyd Doggett (D-Texas) said offering employees a one-time bonus does more to generate good headlines than economic growth.

“They’ve not yet delivered even one-fourth of the blessings per household,” Doggett said, referring to a pledge Trump made that the tax bill would amount to a \$4,000 pay increase. “I hope next year everyone is asking, ‘Where is my money?’”

In addition to wage hikes and job increases, Ways and Means member Kenny Marchant (R-Texas) said the new legislation will result in companies buying back some of their stock and paying more dividends to shareholders.

“I think they will pay bigger dividends” and do more buybacks, Marchant said. Those actions would benefit shareholders directly, but in a lot of large companies, employees are shareholders so they’d also reap that benefit, he said.

House Ways and Means Committee Chairman Kevin Brady (R-Texas) said he is prepared to make changes to the legislation in the coming years to fix technical problems or address larger-scale updates to the tax code.

“We’re not waiting another 31 years,” Brady told reporters. “We’ll do what it takes to compete and give our workers and businesses a fighting chance around the world.”

Congress may need to amend the tax changes if foreign countries were to drastically lower their tax rates, if lawyers were able to discover loopholes in the code, or if trading partners were to raise objections to the legislation with the World Trade Organization.

Money Talks

Congress will resume government funding negotiations in January, with the continuing resolution set to expire Friday, January 19. Budget increases for the IRS, tasked with implementing the new tax plan, will likely come up, but Congressman Brady said the agency needs to make a compelling case to receive more funds.

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“The assumption is not we're opening the pocketbook,” he said. “The assumption is we need to know what it takes to implement this effectively and efficiently.”

Republicans may be more likely to allocate additional money to the IRS now that David Kautter, a President Trump pick, is the acting commissioner of the agency. GOP lawmakers have cut the IRS's budget for several years, citing concerns about the agency's alleged targeting.

Continuing Resolution Sent to President

The continuing resolution to fund the government through Friday, January 19, passed the House 231-188 and the Senate 66-32 on Thursday, December 21.

The Senate gave final approval Thursday, December 21, to a short-term extension of federal funding to keep the government running for three more weeks while shoving a raft of fiscal and policy fights into the new year.

The spending measure, was signed into law by President Donald Trump on Friday, December 22, maintains current levels of spending through Friday, January 19 and provide \$4.5 billion in emergency funding for missile defense work as well as other Pentagon expenses. It passed the Senate 66-32 after winning approval in the House 231-188.

It also provides money for several health programs and a funding bridge of \$2.85 billion for the Children's Health Insurance Program, or CHIP. A temporary extension of a section of the Foreign Intelligence Surveillance Act, or FISA, that allows collection of emails and other messages without a warrant also was included.

Among the most noteworthy provisions in the stopgap measure is a waiver of a budget rule that would trigger automatic cuts to Medicare and dozens of other federal programs because of the deficit impact of the tax overhaul signed into law this week. The waiver would cleared the way for President Trump to sign the tax legislation before the end of the year rather than waiting until January.

Disaster Aid

The Senate shelved a separate \$81 billion disaster aid package passed by the House, a blow to representatives from Texas, Florida, California and Puerto Rico, all of which were hit by devastating natural disasters this year. It was done in by a group of Republicans who argued it should be offset by spending cuts elsewhere and some Democrats who decried the package insufficient and want to use it as leverage on other issues.

The debate over the aid package now will carry into January, where it will be added to an already loaded agenda for lawmakers when they return from a holiday recess, which includes debates about the budget, immigration, health care and raising the federal debt ceiling.

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The wrangling that it took to cobble together a stopgap spending plan that could pass both the House and Senate drained away some of the euphoria in the Republican ranks left over from passage of their tax overhaul.

House GOP leaders backed down from their initial plan to appease the defense hawks in their ranks by attaching full funds for the 2018 military budget and forcing the Senate to decide how to approach the Democrats whose help they would need to help pass it. There was simmering resentment -- as Republicans cast their votes just before leaving town for the holiday -- that their policy making would once again be held hostage by the minority party in the Senate.

Republican unity still held strong enough in the House to approve the spending bill without having to count on votes from Democrats -- 14 of whom voted for the measure. Late night negotiations on Wednesday, December on how to fund the most basic functions of government yielded a bill that was exciting to no one, but ultimately acceptable enough to send over to be tested by the tricky math of the slim GOP majority in the Senate.

As a sign of just how deep partisan divisions run, Republicans and Democrats couldn't even agree on how to fund the Children's Health Insurance Program(CHIP), which provides assistance to low-income families. This program has been running on emergency funding for months, and in this bill receives only enough to get it through March 2018.

The House passed a version of CHIP funding earlier this year, but Democrats opposed it because its costs were offset by cuts to other government health programs.

The Veterans Choice Act, to give veterans more flexibility in their health care options, also receives \$2.1 billion under the spending bill.

And the defense spending that some conservatives have for weeks said was their Number 1 priority will continue for just three more weeks, along with some extra funds that the military requested for things like ballistic missile defense and repairs to naval ships. House Speaker Paul Ryan, recognizing the political risks of removing the full defense spending bill because of Senate concerns, assured his members on the night of Wednesday, December 20, that Defense Secretary James Mattis had signed off on this strategy, according to a person who was in the closed-door meeting.

Republicans still have to complete negotiations with Democrats on the ultimate levels for defense and non-defense spending for fiscal year 2018, because the Budget Control Act of 2011 caps those costs. Those levels must be worked out before congressional appropriators can write the package of spending bills that will last until the end of fiscal year 2018. Ideally, this legislation would be ready ahead of the new Jan. 19 shutdown deadline.

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The disaster funding, which could be used to repair damaged facilities and equipment and support emergency operations, would be distributed among federal agencies as follows:

Department (dollars in millions)	Emergency appropriations
Homeland Security Department	\$28,612.2
Housing and Urban Development Department (HUD)	\$26,060.0
Army Corps of Engineers	\$12,090.0
Agriculture Department	\$3,893.4
Education Department	\$2,900.0
Transportation Department	\$1,767.6
Small Business Administration	\$1,659.0
Defense Department	\$1,155.2
Health and Human Services Department	\$1,034.6
Commerce Department	\$800.1
Interior Department	\$483.5
General Services Administration	\$127.0
Veterans Affairs Department	\$93.5
Justice Department	\$85.2
NASA	\$81.3
Labor Department	\$60.9
Energy Department	\$21.7

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National Science Foundation	\$16.3
Government Accountability Office	\$14.0
Environmental Protection Agency	\$13.2
Legal Services Corporation	\$1.0

Tough Negotiations

However, the acrimony left over from Ryan switching strategies in the hours between the tax vote and the spending vote could limit his wiggle room on the tough negotiations that await when Congress returns in January.

Democrats stepped down from their demands for immigration protections this year, but the status of undocumented people brought to the U.S. as children must be resolved before March. Some Republicans say this immigration fix is a priority for them as well.

Senator Susan Collins(R-ME) also relented on her demand for legislation this year that would stabilize health insurance markets, but these bills -- which are extremely unpalatable to House Republicans -- are certain to resurface next year.

Although the Republicans who control Congress are on their way to avert a government shutdown on the heels of their tax victory, the tough decisions they didn't confront this week sets them up for a difficult start to 2018.

Both the House and Senate have finished voting for the week and 2017 and are departing Washington D.C., eyes begin to turn to the agenda for 2018.

Congress Averts a Shutdown But Now Faces a Messy Start to 2018

Patience Thin

Patience is running thin among both Democrats and Republicans.

Many lawmakers are eager to take agencies off auto-pilot and to devote more funding for the armed forces, the opioid abuse crisis, medical research and other priorities. They are divided, however, over how much to spend and how much to add to deficits.

To get the stopgap bill enacted, lawmakers dropped plans to provide long-term financing for the Children's Health Insurance Program, or CHIP, and the community health centers program as well as a long-term extension of electronic surveillance programs. Resolving those issues will take priority over the president's plans for an infrastructure bill and welfare reform.

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Senate Minority Leader Chuck Schumer(D-NY), said Thursday that he thought the disagreements could have been resolved "had my Republican colleagues, especially in the House, not put them on the back burner while jamming through their tax bill."

Bipartisan Standoff

Both parties are expected to return to the negotiating table in early January to try to hammer out a budget cap agreement, raising limits on domestic and defense spending imposed under the 2011 Budget Control Act.

They are far apart.

House Minority Leader Nancy Pelosi said that Republicans have sought to increase defense spending by \$54 billion and non-defense spending by \$37 billion. Democrats find that unacceptable because they want equal increases.

Surveillance Law

Both Republicans and Democrats are deeply divided over the government's warrant-less electronic surveillance law, Section 702 of the Foreign Intelligence Surveillance Act, or FISA. A compromise attempt between Republican libertarians and security hawks was pulled from consideration this week. Instead, a short-term extension of the authority, to Jan. 19, was put into the funding bill.

In the Democratic ranks, lawmakers face increasing pressure to force a showdown on the Dreamers, who had been protected under an Obama administration program called Deferred Action for Childhood Arrivals, or DACA.

In September, President Trump revoked the order and some of the undocumented immigrants say they are already losing protected status, along with their jobs.

Senator Jeff Flake(R-AZ) has secured a commitment from Senate Majority Leader Mitch McConnell to put any deal on the issue on the Senate floor in January.

A deal could involve expanded border security spending. Sticking points remain on President Trump's demand for a border wall, for more deportation agents and for changes that would end the ability of immigrants to bring family members to the U.S.

Battle Ahead

"The battle's going to come in January," Ralph Norman(R-SC), said in an interview after the House approved the temporary funding. "One of the reasons I voted for this now is I didn't want DACA thrown in."

Then there's the question of Affordable Care Act's future, which continues to haunt the Capitol.

Senator Susan Collins(R-ME) says she has a commitment from Senator McConnell to allow votes on two Affordable Care Act bills meant to lower premiums by restoring cost-sharing reduction payments and by setting up a reinsurance program. But they face strong opposition among Republicans in the House.

Some Republicans want to make another run at repealing Affordable Care Act once the leftovers are out of the way.

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Senator McConnell has suggested that repeal is off the table. That sparked a furious rebuke from Senator Lindsey Graham(R-SC) and will worsen in January once Alabama Democrat Doug Jones is sworn in to the U.S. Senate and the Republican majority shrinks to 51 members.

Senator McConnell also suggested cutting entitlements will not be on the agenda next year, a day after House Speaker Paul Ryan said he wants to push welfare-to-work proposals. Senator McConnell could use the budget process to try to ram through work requirements for welfare, food stamps and Medicaid, though that could be politically difficult in an election year.

White House Gears up to lay out Infrastructure Plan

President Donald Trump plans to keep pushing his legislative agenda in 2018 by releasing his long-promised infrastructure proposal in early January.

Infrastructure advocates question whether a Republican-led Congress will be able to pass a spending plan with enough federal funding if it's already approved a tax measure that official estimates say would bloat the budget deficit. Some say the Trump administration missed its best opportunity to deliver a meaningful public works initiative by not incorporating it into the tax bill, which is nearing approval.

The Russell 3000 Building Materials Index gained as much as 2.2 percent on the news and closed up 1.8 percent, as companies including Summit Materials Inc., Vulcan Materials Co. and Martin Marietta Inc. spiked sharply higher.

President Trump Promised

President Trump promised during his campaign to introduce a \$1 trillion proposal within his first 100 days in office, then the Trump administration said there'd be a plan by the third quarter. That did not happen after the failed attempt to overhaul health care and the ongoing tax effort.

The President aims to release a detailed document of principles, rather than a drafted bill, for upgrading roads, bridges, airports and other public works before the January State of the Union address.

The White House plan is essentially complete and President Trump recently reviewed it. It calls for allocating at least \$200 billion in federal funds over 10 years to spur at least \$800 billion in spending by states, localities and the private sector.

The plan would put the federal dollars in four areas: cash for states and localities, with preference for entities that generate their own funding as well; formula block grants for rural areas; federal lending programs; and money for "transformational" work such as plans to build high-speed trains in tunnels by Boring Co., which was founded by Elon Musk.

Shifting Responsibility

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The guiding principle of the plan is to shift responsibility for funding from the federal government to states and localities -- which own or control most assets -- by providing incentives for them to generate their own sustainable funding sources and work with the private sector.

Still, some governors and mayors have already balked, saying they're doing their fair share and that much more federal funding is needed to meet what the American Society of Civil Engineers has estimated to be a \$2 trillion funding gap for infrastructure by 2025. Some advocates say the best chance was to include measures such as a higher gas tax or levies on corporate profits returned from overseas in the tax overhaul.

"We need to be honest with the American people: failure to find the revenue for an infrastructure initiative now, as part of tax reform, will make passage of such a package nearly impossible in the future," Bud Wright, executive director of the American Association of State Highway and Transportation Officials, said in a letter last month to Senate leaders.

Too Difficult

A White House official said it would have been too difficult to combine infrastructure with the tax bill. The plan now is to give Congress a blueprint for a bill and allow the details -- including funding -- to be negotiated in a bipartisan way, the official said.

The U.S. Chamber of Commerce sees the \$200 billion amount as "a floor, not the ceiling," said Ed Mortimer, the chamber's executive director for transportation infrastructure.

The chamber has advocated raising the federal gas tax, which has not been increased since 1993 as the easiest and fairest way to generate money. The Trump Administration has not endorsed the idea but has not taken it off the table, either.

Cautiously Optimistic

Michael Burke, chairman and chief executive of AECOM, the world's biggest engineering firm, said he's "cautiously optimistic" about Congress enacting an infrastructure bill in 2018 but is disappointed that it didn't happen this year.

Despite the "headwinds and political turmoil," Macquarie Infrastructure and Real Assets remains hopeful a proposal will emerge in 2018 because there is political constituency for it from across the political spectrum, Managing Director David Agnew said in a statement.

One problem is how to treat states and localities that have already raised money for projects so they're not disadvantaged in the competition for federal funding, said Jim Tymon, chief operating officer of the American Association of State Highway and Transportation Officials in Washington.

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Gas Taxes

Twenty-six states have raised or adjusted their motor-fuel tax rates and other fees during the past five years, and voters in 20 states approved \$4.2 billion in new and continued funding for infrastructure in Nov. 7 ballot issues alone, according to the American Road & Transportation Builders Association.

The White House official said entities that raised revenues over time would get credit in the process, as will those that take action in 2018 instead of waiting for a federal bill.

The Trump Administration has also said a major element of its plan will be streamlining environmental reviews and permitting for projects, vowing to reduce the time it takes to get approvals to about two years.

Peter DeFazio (D-OR), the top Democrat on the House Transportation and Infrastructure Committee said, “there have been previous streamlining initiatives that have not yet been implemented, and it would be a mistake to focus on streamlining when more funding is needed.” He said the initiative is already at risk because it has been delayed so long.

Still, infrastructure has always been a bipartisan issue, and there has not been this type of discussion about infrastructure at the federal level in decades.

Blackburn: Net Neutrality Bill Up for Panel Vote in Early 2018

A House tech and telecom panel will likely vote on a net neutrality bill early next year, the bill's sponsor, Rep. Marsha Blackburn (R-TN).

Blackburn introduced the bill days after the Federal Communications Commission removed Obama-era internet rules banning internet service providers from blocking or slowing internet traffic, or from creating different tiers of network access for fees.

Blackburn's bill would continue to bar ISPs from blocking or slowing traffic. But it would retain the FCC's reclassification of the internet as an information service, rather than a telecom service, effectively shielding ISPs from some stringent requirements. It also aims to override state laws that may contradict its language, an attempt to possibly blunt the effects of states' legislative plans to push back on the FCC changes.

The vote would kick off Capitol Hill debates on the heated issue amid court challenges to the FCC's rollback, contributing to the legal and regulatory discord over net neutrality in 2018. Meanwhile, both ISPs and content companies also have urged lawmakers to pass legislation to clarify the much-altered rules.

Blackburn heralds her bill as “simple,” but its brevity could invite Democratic objections given that it leaves out a key 2015 net neutrality principle: a ban on prioritized network

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lanes. They also could criticize the bill's siding with the FCC regarding the internet service classification.

Blackburn defended the FCC's decision to toss out the 2015 classification of the internet as a utility-like telecom service, saying it was an overreach by Obama's FCC. "It was government control of the internet," she said.

But she also said she could find common ground with Democrats on the two main provisions: bans on blocking or slowing network traffic. "You have the agreement on those two components, and we would like to see it done in a bipartisan manner," she said.

Blackburn urged Democrats to do their legislative duty and address this legislatively rather than waiting out the court challenge to FCC.

Blackburn's other 2018 legislative priorities include expanding broadband access, reauthorizing the FCC, helping free up more space on the airwaves, and addressing internet privacy and data security.

End of Net Neutrality Creates Uncertainty for Rural Telehealth

The repeal of government net neutrality rules could potentially harm rural patients' ability to speak to a remote physician or electronically send a hospital health information from personal devices.

About 20 percent of Americans live in rural areas "where many do not have easy access to primary care or specialist services," according to a 2015 American Hospital Association report. With the long-term impact of the Federal Communications Commission's decision uncertain, some legal and policy experts believe that changes to the internet and how access is priced could restrict some rural patients' access to telehealth services. On Thursday, December 14, the FCC voted 3-2 to repeal rules barring internet service providers such as Comcast Corp. and AT&T Inc. from slowing or blocking web traffic. The 2015 Obama-era rules reclassified internet access under the Communications Act from an "information service" to a "common carrier service," moving regulatory jurisdiction of the internet service providers (ISPs) solely to the FCC from joint jurisdiction under the FCC and the Federal Trade Commission. Now, the FTC will regain full responsibility.

In a statement, the FCC said its vote was undoing 2015's "utility-style regulation of broadband Internet access service, which imposed substantial costs on the entire Internet ecosystem."

The new rules will take effect 60 days after they are published in the Federal Register, which has not yet happened. State attorneys general and activist groups have announced intentions to sue the FCC, advocating for a free and open internet.

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The impact of the repeal on rural and elderly patients is unknown because the ISPs can each decide how to implement new practices and payment structures. Rural patients who don't live close to the doctor or lack sufficient Internet access may face increasing personal costs or difficulty connecting with telehealth services if the price of bandwidth increases, attorneys and health technology professionals. Small hospitals, health systems, and telehealth companies may also be unable to compete with large companies for high-quality service.

Telehealth services include a variety of functions, such as allowing patients to communicate with physicians from their homes and technology applications that pass real-time and stored health data electronically to physicians. They can include a patient using a video conference to speak with a physician, remote patient monitoring, and mobile health communication. These services have become increasingly popular over the past few years among patients who lack easy access to a physician and elderly patients whose health needs constant monitoring.

About 39 percent of America's rural population (about 23.4 million people) lack access to advanced telecommunications capability, compared with 4 percent of the urban population, according to the FCC's most recent broadband report published in January 2016. The agency recently created the Rural Broadband Auctions Task Force to increase mobile coverage in rural areas.

Direct consultation for patients over the internet, services that provide patients with medical education, and the ability for doctors to evaluate data uploaded from patients' personal devices like heart rate monitors "could be constricted if they were treated differently than preferred traffic," Leslie Lenert, chief research information officer at the Medical University of South Carolina.

About 50 percent of Americans only have one ISP to choose from, so the "idea that you could switch providers to get the performance you needed is not true," Lenert said. The lack of choice affects less-densely populated areas, which are "just the ones we like to serve with telehealth applications," he said. Lenert, who is a proponent of reduced regulation, said that the rules under net neutrality also did not go far enough to prefer health data over other internet traffic.

Prioritized Service

ISPs that control the quality of service for different players are the potential big winners of the repeal, and the potential losers are innovation and the marketplace, because a non-neutral network will favor the bigger players, like Google and Netflix, because they have the money to pay for the bandwidth.

The result of the changes will depend on how ISPs structure their systems, and if they choose to have business agreements with large companies, Gaynor said. This model of a business agreement, called paid prioritization, could potentially slow down traffic for companies that don't pay as much as others. Many ISPs say they will not implement a

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paid prioritization model, but it is difficult to predict what the internet companies will do, he said.

A paid prioritization model could potentially affect smaller hospitals', health systems', and telehealth companies' ability to provide telehealth services if they can't pay a high cost, especially those in rural areas that already have broadband issues. The structure could also create a multi-tiered health-care system if the large hospitals that have the money to pay for more bandwidth can only treat wealthier patients who can pay for the higher-quality service.

Remote monitoring capabilities and digital health services delivered in the home or workplace require "a very high-quality internet connection," according to Rob McCray, president and chief executive of the Wireless-Life Sciences Alliance, a San Diego-based trade organization for innovative health-care technologies.

Patients with chronic diseases often utilize remote monitoring technologies, and patients that either don't have access to a monitoring program or drop out because of the high cost could risk exacerbating conditions if health problems go unchecked.

Patients receiving services directly in the home could see increased costs because the telehealth programs are delivered over the patients' internet connection.

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December 22, 2017

To: Inland Empire Utilities Agency

From: Michael Boccadoro
Beth Olhasso

RE: December Legislative Report

Overview:

The Legislature remained quiet in December, with members spending time in their districts getting ready to return to the Capitol in January. When they return in January, they will face a January 31 house of origin deadline for all carry over, two-year bills from last year and a February 16 bill introduction deadline. In addition to normal legislative business, the ongoing sexual harassment fallout will continue to play a big role in shaping the year. Several members have already resigned, with one more being asked to take a leave of absence and even more members rumored to be the next accused. Not only will this take a toll on doing business with fewer members in each house, the attention and time required to properly handle these issues will become a distraction from other issues.

The start of the “rainy season” has been anything but wet, raising concerns that dry conditions will continue through the winter, pushing the state back into drought-like conditions. The only positive piece of news is that most reservoirs remain significantly above normal levels for this time of year.

Fix the Grid, a coalition of clean energy companies, technical experts and environmental organizations working to modernize California’s electric grid to facilitate large-scale integration of carbon-free renewable energy, hosted a briefing and panel discussion on the future of the grid. The briefing was moderated by Don Furman of *Fix the Grid* and guest panelists included Laura Wisland, Union of Concerned Scientist; Michael Backstrom, Southern California Edison; Stacey Crowley, California ISO; and Danielle Osborn Mills, American Wind Energy Association (AWEA).

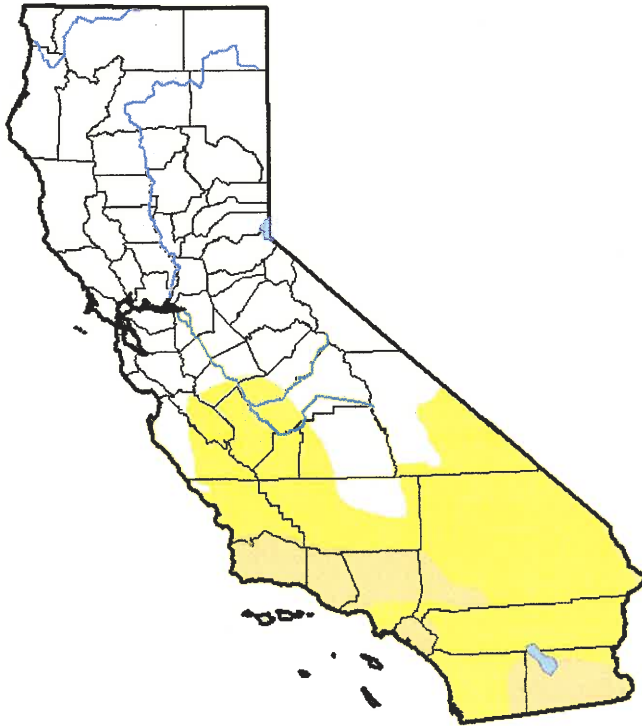
The California Air Resources Board (CARB) recently adopted the climate-change Scoping Plan, which provides a strategy for achieving a 40 percent reduction in greenhouse gas emission below 1990 levels by 2030.

Inland Empire Utilities Agency Status Report – December 2017

Drought Concerns

While California is technically in the middle of the rainy season, there are rising concerns because the season hasn't been all that rainy. In just three months, the percentage of the state experiencing drought conditions increased by about 20 percent. The main increase was documented in the south-eastern portion of the state, the same portion that was the last to emerge from the previous drought. While all reservoirs, except Oroville and Perris, on the State Water Project system remain above average, there are growing concerns that the state might be entering another prolonged dry period.

U.S. Drought Monitor California



December 12, 2017

(Released Thursday, Dec. 14, 2017)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	66.70	44.30	9.90	0.00	0.00	0.00
Last Week 12-05-2017	66.38	34.62	9.90	0.00	0.00	0.00
3 Months Ago 09-12-2017	77.86	22.12	6.24	0.04	0.00	0.00
Start of Calendar Year 01-01-2017	18.07	81.93	67.61	54.02	38.17	18.31
Start of Water Year 09-26-2017	77.66	22.12	6.24	0.00	0.00	0.00
One Year Ago 12-13-2016	12.16	67.64	73.04	60.27	42.50	21.04

Intensity:

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

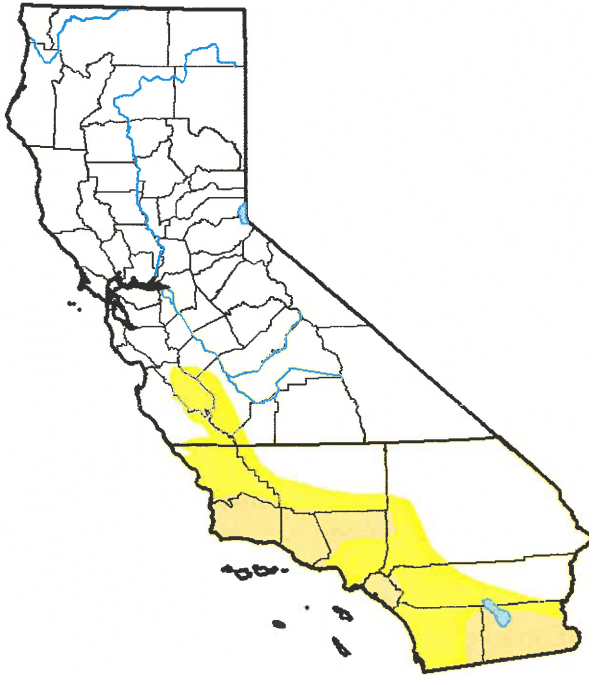
Author:

Jessica Blunden
NCEI/NOAA



<http://droughtmonitor.unl.edu/>

September 12, 2017



Fix the Grid Holds “Future of the Grid” Legislative Briefing

Fix the Grid, a coalition of clean energy companies, technical experts and environmental organizations working to modernize California’s electric grid to facilitate large-scale integration of carbon-free renewable energy, hosted a briefing and panel discussion on the future of the grid. The briefing was moderated by Don Furman of *Fix the Grid* and guest panelists included Laura Wisland, Union of Concerned Scientist; Michael Backstrom, Southern California Edison; Stacey Crowley, California ISO; and Danielle Osborn Mills, American Wind Energy Association (AWEA).

The briefing was attended by legislative staff and energy policy professionals. The bulk of the conversation included strategies for decarbonizing the electric grid and the transportation sector including a regional grid. Each panelist made a short presentation followed by a question and answer period by attendees. The individual presentations captured the following points:

- **SoCal Edison:** Three major steps for implementing a “clean” grid by 2030, while avoiding negative impacts to consumers’ pocket books, as follows:
 1. Decarbonize the electric sector (80% carbon free by 2030)
 2. Electrify the transportation sector (25% of all cars and trucks electric by 2030)
 3. Electrify buildings (1/3 of all space and water heaters by 2030)
- **CA ISO:** A review of the current state of the grid, highlighting the ability to track GHG emissions coming to CA from energy resources out of the state; and the advantages of establishing regional day-ahead and real-time markets to reach carbon free goals.

- **AWEA:** Advantages of a regional renewable grid including achieving carbon free goals; cost effectiveness; job creation in California; technical diversity, leading to a balanced portfolio; and geographic diversity, allowing for maximized wind generation and distribution.
- **UCS:** “Why” and “how” to decarbonize the grid.
 - Why: reduction of criteria air pollution from existing natural gas production facilities; ability to electrify transportation sector; and job creation in CA.
 - How: Improving weather forecasting; improving energy storage; shifting demand (both time of day and seasonal); shutting down “dirty” gas facilities first and “clean” facilities last, if at all; and decentralizing the grid.

During the question and answer period, legislative staff and advocates from the Sierra Club, Californians for Environmental Justice (CEJA), and the Independent Energy Producers Association asked questions. Questions were focused on decarbonizing the grid by eliminating coal generation and minimizing natural gas production; support for a regional grid from the utilities; replacing the impending closure of Diablo Canyon nuclear facility; benefits of an energy imbalance market; and the prioritization of electrifying the transportation sector over getting rid of natural gas – a clean and affordable energy source.

Predictably, CA ISO continued to highlight the benefits of a regional grid, while environmentally focused groups and panelists favored elimination of coal and natural gas (in most cases). Laura Wisland from the Union of Concerned Scientist repeatedly emphasized that the market alone will not force the elimination of coal and natural gas generation; state and national policies will need to force that change. She also added that while it is “politically uncomfortable” to establish a western regional grid, CA ISO is the only ISO that is concentrated principally in one state. The other ISOs include both “red and blue states” with differing political agendas and environmental policies. Don Furman mentioned that the major utilities he has spoken to across the country are interested in renewable energy over more carbon intensive energy sources because of the opportunity to invest capital and see a return on those projects. Affordability was really only discussed in the context of uncertainty with electrifying the transportation sector.

It is unclear whether *Fix the Grid* will look to sponsor legislation on any of these topics next year, but renewable and carbon free energy as well as a regional grid will continue to be hot topics in the final year of the 2017-2018 session.

CARB Approves Plan to Achieve 2030 GHG Emissions Goal

The California Air Resources Board (CARB) recently adopted the climate-change Scoping Plan, which provides a strategy for achieving a 40 percent reduction in greenhouse gas emission below 1990 levels by 2030.

The mix of programs outlined in the Scoping Plan for achieving a cumulative 621 million metric tons of carbon dioxide equivalent between 2021 and 2030 include cap and trade, the 50 percent renewable portfolio standard (RPS), cleaner vehicle and transportation programs, improvements to freight-system efficiency, and 18 percent reduction in carbon intensity under the Low Carbon Fuel Standard, reductions in short-lived climate pollutants, and a doubling of energy efficiency savings from natural gas and electricity end uses.

Legislative Outlook for 2018

Members will return to Sacramento on January 3 to hit the ground running on two-year bills from 2017. All bills introduced in 2017 must be passed out of their house of origin by January 31. February 16 is the deadline to introduce new bills.

A new leader, Toni Atkins (D-San Diego) will be sworn in in the Senate in the New Year, which will likely lead to some shuffling of committee assignments.

Long-term water use efficiency and funding clean drinking water for all Californians will be hot topics when the Legislature reconvenes. On the energy side focus will remain on a proposal for 100 percent clean energy and the creation of a western-region electrical grid. The Governor will be working to cement his legacy in his final year of office, including getting the final details and permits in place for the California Water Fix. Finally, most members will be running for re-election in 2018. Democrats will be seeking to solidify the gains they made in 2016 and Governor Brown's replacement will be determined.

In addition to members running for re-election, there are water bonds slated for both the June and November ballots, and the first special election has been called to replace members who have resigned amongst sexual harassment claims. There will likely be several more members accused and possibly resigning, or being expelled, in the coming months.

Democrats will temporarily lose their two-thirds majority, should any more Democratic members resign from the Assembly, which would make it more difficult to pass any taxes or fees such as SB 623 (Monning).

The Governor will release his preliminary budget on January 10, which will include billions of dollars in Greenhouse Gas Reduction Fund revenue.

With all these moving parts, 2018 should prove to be an interesting year in Sacramento.

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CALIFORNIA STRATEGIES, LLC

Date: December 18, 2017
To: Inland Empire Utilities Agency
From: John Withers, Jim Brulte
Re: December Activity Report

1. This month Senator Brulte and John Withers held their initial meeting with newly selected General Manager Halla Razak and the senior staff of the agency. Also in attendance was outgoing General Manager Joe Grindstaff.
2. To introduce California Strategies and specifically Senator Brulte and John Withers to GM Razak we prepared a presentation for her review.
3. The presentation contained:
 - a. Background information on California Strategies
 - b. Brief biography of John Withers
 - c. Brief bio on Senator Brulte
 - d. Areas of partnership with IEUA
 - e. A sampling of representative projects we have worked on since our engagement
 - f. Contact information for Withers and Brulte
4. GM Razak asked specific questions regarding project specific work as well as certain outcomes related to that specific work.
5. We engaged in a discussion related the status of the activity related to the Regional Contract as well as the recent meeting between the facilitator, Chris Berch and Director Parker. We also discussed specific issues raised by some of the stakeholders.
6. The final discussion related to the Water Bank; the proposals and the staff scoring system. We noted that Joe and Halla were going to be speaking before the State Water Commission to advocate for our project.

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Federal Legislation of Significance

Bill Number	Sponsor	Title and/or Summary	Summary/Status
H.R. 1370	Rep. Michael McCaul (R-TX)	Vehicle for the Short-Term Continuing Resolution	<p>The continuing resolution(CR) to fund the government through Friday, January 19, passed the House 231-188 and the Senate 66-32 on Thursday, December 21. The CR maintains current levels of spending through Jan. 19 and provide \$4.5 billion in emergency funding for missile defense work as well as other Pentagon expenses</p> <p>President Trump signed the legislation into law on Friday, December 22.</p>
H.R. 4667	Rep. Rodney Frelinghuysen (R-NJ)	Making further supplemental appropriations	<p>Making further supplemental appropriations for the fiscal year ending September 30, 2018, for disaster assistance for Hurricanes Harvey, Irma, and Maria, and calendar year 2017 wildfires, and for other purposes.</p> <p>The House passed the legislation by a vote of 251 to 169. The Senate did not take up the legislation and will revisit the issue in January 2018.</p>
S.1	Sen. Mike Enzi	Tax Cuts and Jobs Act	<p>This bill provides for the reconciliation pursuant to title II of the concurrent resolution on the budget for fiscal year 2018. Tax rates would be reduced, dozens of breaks would be eliminated, and the individual mandate from the Affordable Care Act would be eliminated. The corporate income tax rate would be set at 20 percent.</p> <p>S.1 was introduced by the Senate Budget Committee on Tuesday, November 28.</p>
	Sen. Thad Cochran (R-MS)	Fiscal 2018 Appropriations Act	<p>On November 21st the Senate Appropriations Committee released funding bills for Defense, Homeland Security, Financial Services and the Interior for fiscal year 2018. We expect the Senate to go straight to conference on these bills. The remaining eight FY18 bills were approved by the committee prior to November.</p>
H.R.1	Rep. Kevin Brady (R-TX)	Tax Cuts and Jobs Act	<p>This bill amends the Internal Revenue Code to reduce tax rates and modify policies, credits, and deductions for individuals and businesses. Tax rates would be reduced, dozens of breaks would be eliminated, and the individual mandate from the Affordable Care Act would be eliminated. The corporate income tax rate would be set at 20 percent.</p> <p>H.R.1 was introduced on Thursday, November 2 buy the Committee on Ways and Means. The House voted 227-205 and passed the bill on Thursday, November 16.</p>
H. Con. Res. 71	Rep. Diane Black (R-TN)	Establishing the congressional budget for the United States Government for fiscal year 2018 and setting	<p>Legislation that would change the tax code and increase the deficit by as much as \$1.5 trillion over a decade could be passed with simple majorities in both chambers under the Senate amendment to H. Con. Res. 71.</p>

		forth the appropriate budgetary levels for fiscal years 2019 through 2027	<p>The proposed fiscal 2018 budget resolution would direct the tax-writing panels -- House Ways and Means and Senate Finance -- to produce reconciliation legislation by Monday, November 13.</p> <p>The plan calls for spending \$3.13 trillion in fiscal 2018, while bringing in \$2.49 trillion in revenue, for a deficit of \$641 billion. Those figures don't include "off-budget" items such as Social Security, which would bring total spending to \$3.99 billion in fiscal 2018. It would seek about \$5.1 trillion in spending reductions over the next decade and \$1.6 trillion in tax cuts.</p> <p>The House adopted its version of H. Con. Res. 71 by a vote of 219-206 on Thursday, October 5. The Senate adopted an amended version by a vote of 51-49 on Thursday, October 19. And, the House passed the Senate amended bill on Thursday, October 26 by a vote of 216-212. It now goes to the White House for the President's expected signature.</p>
H.R. 2266	Rep. John Conyers	Additional Supplemental Appropriations for Disaster Relief Requirements Act, 2017	<p>Hurricane and wildfire relief efforts would receive an additional tranche of emergency supplemental funding under a House amendment to the Senate amendment to H.R. 2266.</p> <p>The \$36.5 billion aid package would: Appropriate \$18.7 billion for the Federal Emergency Management Agency's (FEMA) Disaster Relief Fund (DRF). As much as \$4.9 billion could be transferred to FEMA's Community Disaster Loan (CDL) program to help local governments and U.S. territories provide essential services. Cancel \$16 billion in loans to the National Flood Insurance Program (NFIP), which reached its borrowing limit after hurricanes Harvey and Irma. And allow as much as \$1.27 billion in previously appropriated funding to be transferred for emergency nutritional assistance in Puerto Rico.</p> <p>The Senate agreed to the House amendment to the Senate amendment to H.R. 2266 by 82-17. On October 26, 2017, the bill became Public Law No: 115-72.</p>
H.R. 3711	Reps. Lamar Smith (R-TX)/Ken Calvert (R-CA) /Bob Goodlatte (R-VA)	The Legal Workforce Act	<p>A bill that would require all U.S. employers to use the E-Verify electronic employment verification system. The requirement would be phased over a two-year period, starting with the largest employers. The agriculture industry would have an additional six months (or 30 months total) to come into compliance.</p> <p>H.R. 3711 was referred to the Committee on the Judiciary, and in addition to the Committees on Ways and Means, and Education and the Workforce on Friday, September 8th. On Wednesday, September 27th, H.R.3711 was referred to Judiciary</p>

			Subcommittee on Immigration and Border Security. Judiciary Committee Consideration and Mark-up Session was held on Wednesday, October 25 th . H.R. 3711 was ordered and reported (amended) by the yeas and nays: 20-10 on October 25 th .
H.R. 601	Rep. Nita Lowey (D-NY)	Continuing Appropriations Act, 2018 and Supplemental Appropriations for Disaster Relief Requirements Act, 2017	<p>\$15.25 billion dollar bill for disaster aid following the destruction caused by Hurricane Harvey and anticipated by Hurricane Irma. This bill will also raise the debt limit and includes a continuing resolution funding the government until December 8th.</p> <p>H.R. 601 was passed in the Senate on Thursday, September 7 will additional Hurricane funding and the deficit reduction until December provisions. The House passed the bill on Friday, September 8, and was signed by the President on the same day.</p>
H.R. 3354	Rep. Ken Calvert (R-CA)	Make America Secure and Prosperous Appropriations Act, 2018	<p>An omnibus package including the Interior; Homeland Security; Financial Services; Commerce, Science, and Justice; Transportation, Housing and Urban Development; Agriculture; Labour and Health and Human Services, and Education; and State and Foreign Operations Appropriations Acts, fiscal year 2018. The House-passed version of H.R. 3354 includes all 12 appropriations bills, including four that were previously passed in H.R. 3219.</p> <p>Highlighted bills in this package are below.</p> <p>H.R. 3219 was introduced in the House Rules Committee on Wednesday, August 16. was considered and passed by a vote of 211 to 198 on the House Floor on September 14, 2017.</p>
H.R. 3219	Rep. Kay Granger (R-TX)	Make America Secure Appropriations Act, 2018	<p>A small omnibus package including the Defense, Energy and Water, Military Construction and Veterans Affairs, and Related Agencies, Legislative Branch, and Border Barrier funds from the Homeland Security Bill Appropriations Acts, fiscal year 2018.</p> <p>Highlighted bills in this package are below.</p> <p>H.R. 3219 was introduced in the House Rules Committee on Monday, June 24. It was passed on the House Floor by a vote of 235-192.</p>
	Rep. Charlie Dent (R-PA)	Fiscal 2018 Military Construction and Veterans Affairs, and Related Agencies Appropriations Act	<p>This legislation provides \$88.8 billion in discretionary funding, \$6 billion above the fiscal year 2017 level. Within this total, funding for the Department of Veterans Affairs was increased by \$4 billion over the fiscal year 2017 level, and increases access to services for veterans and regulatory oversight within the department. Also within the</p>

			<p>total, Military construction was increased by \$2.1 billion over the fiscal year 2017 level.</p> <p>This bill was passed out of the Appropriations Committee on June 15th. The Senate's corresponding legislation was reported out of the Senate Appropriations Committee in July.</p> <p>This bill was included in H.R. 3219 and passed on the House Floor by a vote of 235-192.</p>
	Rep. Mike Simpson (R-ID)	Fiscal 2018 Energy and Water Appropriations Act	<p>The House Appropriations Committee marked up the FY18 Energy and Water Bill in full committee on July 17th.</p> <p>Within the bill, the Bureau of Reclamation funding is reduced from the FY17 level but well above what the Administration had requested for FY18. Also, the bill would authorize the EPA and Army to withdraw from the Waters of the United States rule.</p> <p>This bill was included in H.R. 3219 and passed on the House Floor by a vote of 235-192.</p>
	Rep. Mario Diaz-Balart (R-FL)	Fiscal 2018 Transportation, Housing and Urban Development, and Related Agencies Appropriations Act	<p>The House Appropriations Committee today approved the fiscal year 2018 Transportation, Housing and Urban Development funding bill on July 17, 2017.</p> <p>In total, the bill reflects an allocation of \$56.5 billion in discretionary spending – \$1.1 billion below fiscal year 2017 and \$8.6 billion above the request.</p> <p>Within the bill, Community Development Block Grants are funded at \$2.9 billion, \$100 million below fiscal year 2017 level.</p>
	Sen. Lamar Alexander (R-TN)	Fiscal 2018 Energy and Water Appropriations Act	<p>The Senate Appropriations Committee approved their FY18 Energy and Water Bill on July 20th in full committee markup.</p> <p>Within the bill the Committee recommended funding the Bureau of Reclamation at \$1,287,725,000, which is \$190,332,000 above the President's FY18 budget request. Similar to the House mark, the Senate provided \$34,406,000 for Title XVI and \$24,000,000 for WaterSMART grants. Also, an additional \$98,000,000 for drought resiliency programs authorized in the Water Infrastructure Improvements Act (WIIN Act).</p>
	Sen. Susan Collins (R-ME)	Fiscal 2018 Transportation, Housing and Urban	<p>The Senate Appropriations Committee marked up the FY18 Transportation, Housing and Urban Development, and Related Agencies Bill in subcommittee on July 25th. At this time the bill and report text has not been released.</p>

		Development, and Related Agencies Appropriations Act	The FY2018 appropriations bill providing \$60.058 billion in discretionary spending for the U.S. Department of Transportation, U.S. Department of Housing and Urban Development, and related agencies. Within the bill, TIGER grants were funded at \$550 million, \$50 million above the FY2017 enacted level; and the Community Development Block Grant (CDBG) formula program is funded at \$3 billion.
H.R. 23	Rep. David Valadao (R-CA)	Gaining Responsibility on Water Act of 2017	<p>Among other things the legislation would require regulators to comply with the Bay-Delta Accord and make changes to the state's Central Valley and State Water projects and streamline permitting processes. The bill included provisions from multiple other bills previously passed by the House that sought to increase the flow of water to areas of California that have experienced drought over the past five years. The measure was referred to the House Committee on Natural Resources and the Committee on Agriculture.</p> <p>By a vote of 230-190, the House passed H.R. 23, as amended, on July 12, 2017. H.R. 23 was received in Senate, read twice and referred to the Committee on Energy and Natural Resources on July 18th.</p>
	Rep. Bill Shuster (R-PA) /Sens. Jim Inhofe (R-WY) and Kamala Harris (D-CA)	Infrastructure Package	<p>Throughout the month, the House Transportation and Infrastructure Committee have held a series of hearings entitled, "Building a 21st Century Infrastructure for America," which have focused on various aspects of infrastructure, from passenger rail service to reauthoring the Federal Aviation Authorization (FAA).</p> <p>On June 7, President Trump outlined that he intends to leverage \$200 billion in direct federal funding over ten years to help stimulate \$1 trillion in investment in infrastructure. This federal funding will consist of 1) grants and loans that seek to privatize the country's air traffic control system, 2) grants to repair bridges, road, 3) enhanced loan program with the Transportation Infrastructure Finance and Innovation Act, and 4) incentive programs with grants to states and municipalities.</p> <p>One part of the president's plan has already been put into legislation. House Transportation and Infrastructure Committee Chairman Bill Shuster and Aviation Subcommittee Chairman Frank LoBiondo (R-NJ) introduced the FAA's reauthorization legislation, H.R. 4441, the 21st Century Aviation Innovation, Reform, and Reauthorization (AIRR) Act, which will transfer air traffic control operations from the FAA to a private, nonprofit, 13-member board. While Representative Shuster said that the bill does not "mirror" President Trump's infrastructure outline, he said that he considered many aspects of the proposal. Shuster has also voiced his hope that the</p>

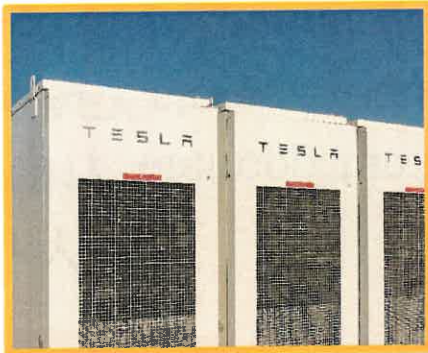
			<p>committee will markup the legislation on Tuesday, June 27 and move to the floor in mid-July.</p> <p>Currently, it is unclear who will champion the bill in the other chamber. Senate Commerce, Science and Transportation Committee Chairman John Thune (R-SD) announced that the Senate's FAA reauthorization legislation will not include privatizing the air traffic control system. That said, Representative Sam Graves (R-MO), who last year voted against the 2016 FAA reauthorization bill, helped develop the legislation with Chairman Shuster.</p>
H.R. 1663	Rep. Grace Napolitano (D-CA) / Rep. Rob Wittman (R-VA)	Water Resources Research Amendments Act	<p>This legislation would extend a Federal-State partnership aimed at addressing state and regional water problems, promoting distribution and application of research results, and providing training and practical experience for water-related scientists and engineers. H.R. 1663 would authorize \$9,000,000 annually over five years for grants to water resources research institutes and require two-to-one matching with non-federal funds. It would also promote exploration of new ideas, expand research to reduce energy consumption, and bolster reporting and accountability requirements.</p> <p>The bill has been introduced in the House Committee on Natural Resources and referred to the Subcommittee on Water, Power and Oceans on March 27th.</p>
H.R. 497/ S.357	Rep. Paul Cook (R-CA)/ Sen. Dianne Feinstein (D-CA)	Santa Ana River Wash Plan Land Exchange Act	<p>This bill directs the Department of the Interior: (1) to quitclaim to the San Bernardino Valley Water Conservation District in California approximately 327 acres of identified federal land administered by the Bureau of Land Management, and (2) in exchange for such land, to accept from the Conservation District a conveyance of approximately 310 acres of its land.</p> <p>On April 27th HR 497 passed through the House Natural Resources Committee by unanimous consent, and was scheduled for the House Floor Consideration on June 2nd.</p> <p>This bill was passed by the House on June 27th by a vote of 424-0. The bill was referred to the Senate Committee on Energy and Natural Resources on June 28th and no further action has been taken.</p> <p>The Senate Environment and Public Works Committee held a hearing on S. 357 on July 26, 2017. No further activity is anticipated until the Fall.</p>
S. 32	Sen. Dianne Feinstein (D-CA)	California Desert Protection and Recreation Act	<p>This bill would designate important wilderness in the California desert and protect lands for recreation, wildlife and tourism. Aspects of the bill include:</p>

			<ul style="list-style-type: none"> • Mandate study and protection of Native American cultural trails along the Colorado River. • Designate 230,000 acres of additional wilderness area between the Avawatz Mountains near Death Valley to Imperial County’s Milpitas Wash. • Add 43,000 acres to Death Valley and Joshua Tree national parks. • Create a 75,000-plus acre special management area at Imperial County’s Vinagre Wash. • Designate Inyo County’s Alabama Hills as a National Scenic Area. • Prohibit new mining claims on 10,000 acres in Imperial County considered sacred by the Quechan Tribe. <p>Additionally, the bill protects 140,000 acres of existing off-road vehicle riding areas from mining, energy development, military base expansion or other decisions that would close them to vehicle use.</p> <p>The Senate Environment and Public Works Committee held a hearing on S.32 on July 26, 2017. No further activity is anticipated until the Fall.</p>
H.R. 2510	Rep. Peter DeFazio (D-OR)	Water Quality Protection and Job Creation Act of 2017	<p>This bill would amend the Federal Water Pollution Control Act to authorize appropriations for State water pollution control revolving funds.</p> <p>This bill has been introduced to the House Transportation and Infrastructure subcommittee on Water resources and Environment on May 19th.</p>
H.R. 1654	Rep. Tom McClintock (R-CA)	Water Supply Permitting Coordination Act	<p>This bill would allow water project sponsors the opportunity to use an expedited permitting process for new or expanded surface non-federal storage facilities through the Bureau of Reclamation, which would be the lead and central agency coordinating the review process.</p> <p>The House Natural Resources Committee approved the bill by a vote of 24-16 on April 27th. The House Rules Committee on June 20th dictated final amendments for passage on the House Floor; this bill passed the House on June 22nd by a vote of 233-180. H.R. 1654 was referred to the Senate Committee on Energy and Natural Resources on June 26th and not further action has been taken.</p>

INFORMATION
ITEM

31

2nd Quarter Planning & Environmental Resources Update



Water Resources Activities

- Dry Year Yield
 - June 2017: Metropolitan Water District initiated request to store water
 - 25,000 AFY storage requirement
 - Through IEUA ground water recharge and Monte Vista Water District injection well
 - FY 16/17: 6,318 AF
 - FY 17/18: 25,500 AF (through November)
 - Chino Basin Watermaster approved additional storage for FY17/18 up to 50,000 AF



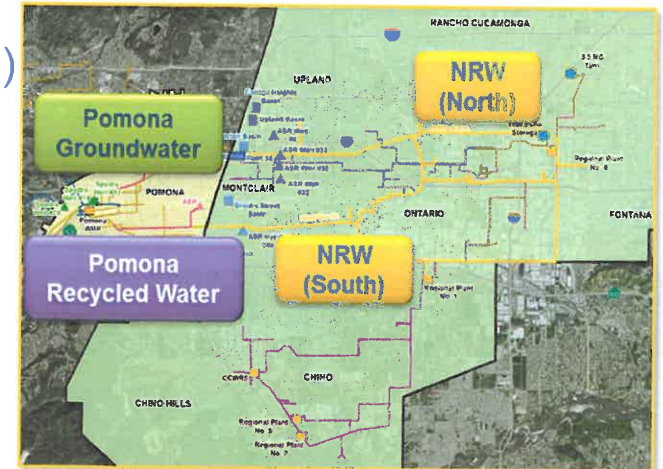
Regulatory Permit Activities

- US Army Corps Individual Permit (IP) for Groundwater Recharge
 - Current permit expires every 5 years
 - IP provides 10-20 year permit for recharge
 - Permit application submitted March 2016
 - ✓ Public comment period completed
 - ✓ Consultation with Fish & Wildlife service completed
 - In process of receiving draft permit



Recycled Water Feasibility Studies

- United States Bureau of Reclamation (USBR) Program
- Title XVI/Water Infrastructure Improvements for the Nation (WIIN)
- USBR approved study is required to apply for funding opportunities
- IEUA Recycled Water (RW) Feasibility Studies:
 - IEUA/Pomona/Monte Vista Water District RW Intertie (\$71M)
 - IEUA /Jurupa Community Services District RW Intertie (\$54M)



INFORMATION
ITEM

3J

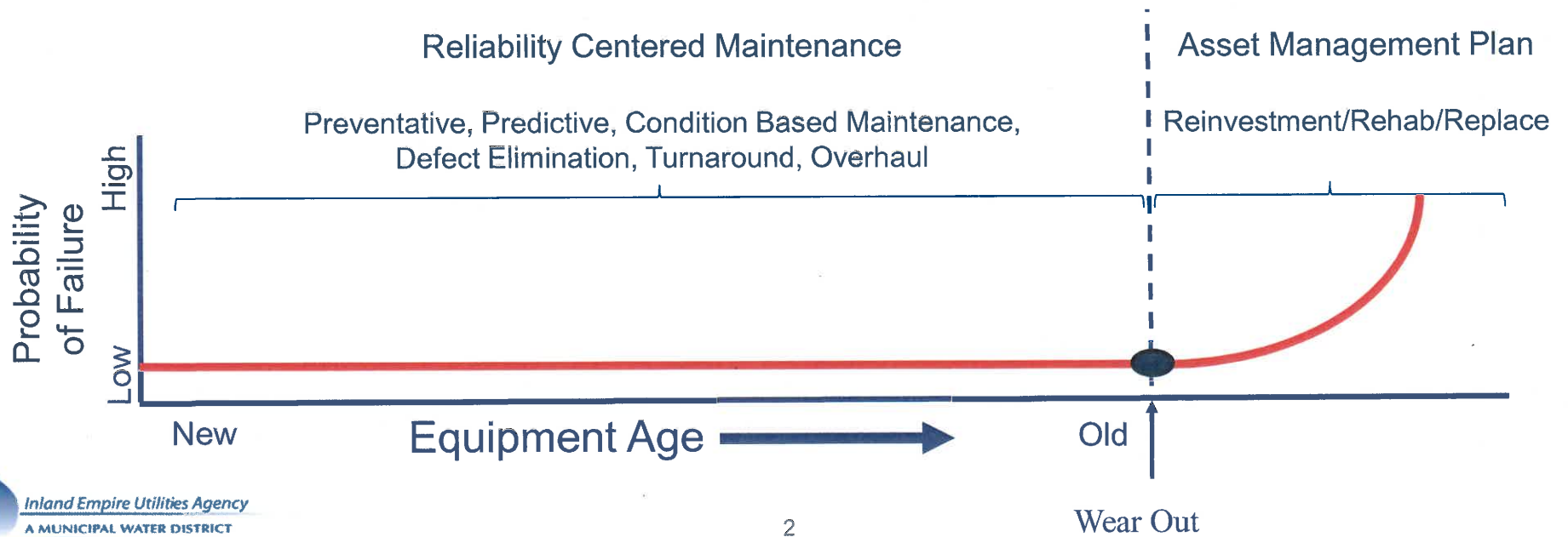
Computerized Maintenance Management System (CMMS)



Grounding Terms and Concept

Reliability Centered Maintenance (RCM)
Preventative Maintenance (PM)
Predictive Maintenance (PdM)

Condition Based Monitoring (CBM)
Computerized Maintenance Management System (CMMS)



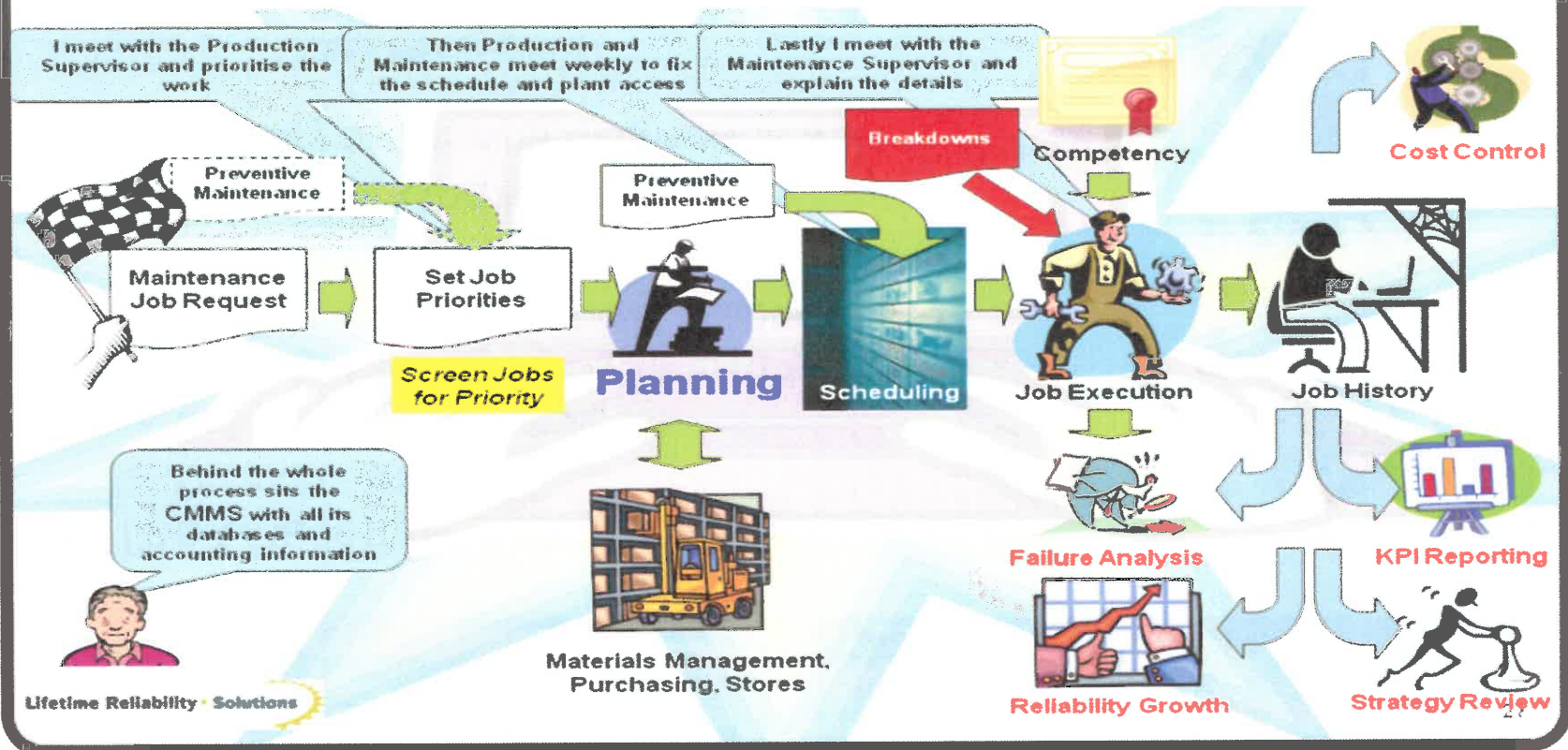
The Maintenance Challenges

- The Challenge
 - Do more with less!
 - Deliver superior services!
 - Comply with regulatory requirements!
 - Provide detailed financial accountability!
- Meeting the Challenge
 - Industry are arming themselves with
 - Reliability Centered Maintenance (RCM)
 - Data Management
 - Reporting
 - Maintenance Equipment Strategies (CBM)
 - Execution (Planning & Scheduling)



Work Process

Standardised Maintenance Work Management Process



What is Computerized Maintenance Management System (CMMS)?

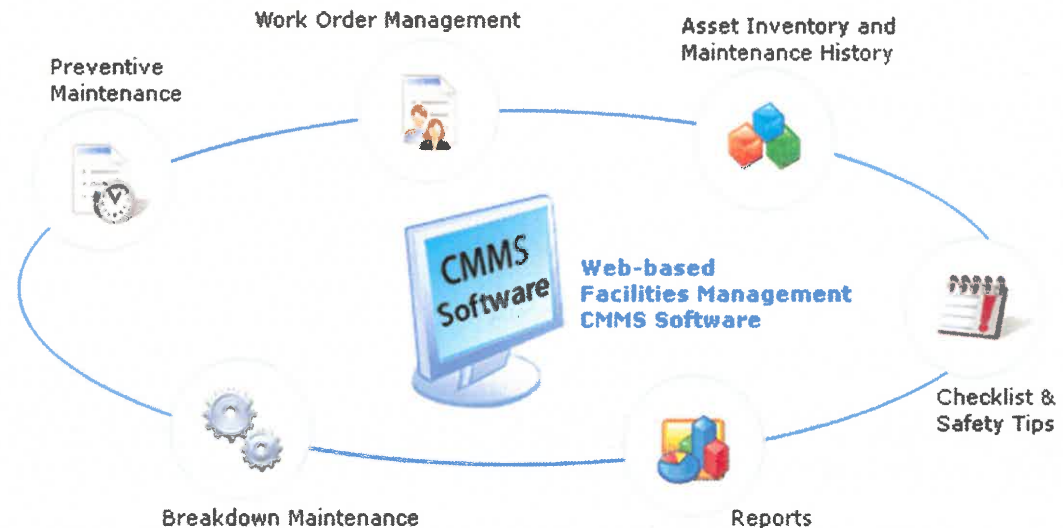
CMMS is a computer software designed to simplify maintenance management and facilitate the maintenance work-process.

Major Functions:

- Work Notification/Order Generation
- Approval/Prioritization
- Planning
- Scheduling
- Procurement
- Warehouse
- History

Essentials:

- Reporting
- Equipment Database
 - Organized/Comprehensive/Accurate



CMMS in IEUA

No.	Component	Current Status	Future Post Enhancement Project
1	Database	Incomplete/Incoherent/Inaccurate	Robust foundation
2	Work Notification/Order	Limited prioritization	Prioritization based on criticality
3	Planning	Very limited	Planning driving efficiency
4	Scheduling	Limited and outside of SAP	Resources coordinated
5	Preventative Maintenance	Inadequate/confusing	PM based on failure modes preventing failures
6	Predictive Maintenance	Program in place but not based on criticality of equipment	Early detection of failures of critical equipment
7	Reporting	None	Managing the work-process and driving improvement and sustainability
8	Bill of Materials	None	Materials identified and the correct spare parts are housed in the Warehouse
9	Warehousing	Low transparency & pigeon-holing is occurring	High transparency, trusted and valuable to the organization

Benefits of Reliability Centered Maintenance (RCM)

- Cultural change
 - Shift from fighting fires to focusing on proactive activities that prevent fires
- CMMS
 - A robust tool, strong data system are critical to the success of an RCM based culture
- Couple the elements of RCM with a true culture change will improve
 - Safety Performance
 - Cost Effectiveness
 - Machine Uptime
 - Reliability
 - Understanding of Risk

**AGENCY
REPRESENTATIVES'
REPORTS**

4B



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

MWD MEETING AGENDA

REVISED AGENDA

Board Meeting

January 9, 2018

12:00 p.m. – Board Room

January 9, 2018 Meeting Schedule		
9:00 a.m.	Rm. 2-145	L&C
10:00 a.m.	Rm. 2-456	C&LR
12:00 p.m.	Board Room	Board Meeting

MWD Headquarters Building

• 700 N. Alameda Street

• Los Angeles, CA 90012

1. Call to Order

- (a) Invocation: Joseph Chavez, Administrative Analyst III (C),
Administrative Services
- (b) Pledge of Allegiance: Director Cynthia Kurtz
City of Pasadena

2. Roll Call

3. Determination of a Quorum

- 4. Opportunity for members of the public to address the Board on matters within the Board's jurisdiction. (As required by Gov. Code § 54954.3(a))

5. OTHER MATTERS

- A. Approval of the Minutes of the Meeting for December 12, 2017
(A copy has been mailed to each Director)
Any additions, corrections, or omissions
- B. Report on Directors' events attended at Metropolitan expense for month of December 2017
- C. Approve committee assignments
- D. Chairman's Monthly Activity Report

6. DEPARTMENT HEADS' REPORTS

- A. General Manager's summary of activities for the month of December 2017
- B. General Counsel's summary of activities for the month of December 2017
- C. General Auditor's summary of activities for the month of December 2017
- D. Interim Ethics Officer's summary of activities for the month of December 2017

7. CONSENT CALENDAR ITEMS — ACTION

- 7-1 Adopt CEQA determination and appropriate \$320,000; and authorize construction to replace the roofs on two buildings at the Eagle Rock Control Center (Appropriation No.15480) (E&O)

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed action is categorically exempt, and

- a. **Appropriate \$320,000; and**
- b. **Authorize construction to replace the roofs on two buildings at the Eagle Rock Control Center**

- 7-2** Adopt CEQA determination and appropriate \$1.45 million; award \$374,359 procurement contract to Flow International Corp. to furnish a waterjet cutting system; award \$332,939 procurement contract to North South Machinery to furnish a hydraulic press brake; and authorize increase of \$200,000 to an agreement with Richard Brady & Associates, for a new not-to-exceed total of \$446,000, for the La Verne Shops Upgrades (Appropriation No. 15395) (E&O)

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed action has been previously addressed in the certified Final EIR, findings, SOC, and MMRP, and that no further environmental analysis or documentation is required, and

- a. Appropriate \$1.45 million;**
- b. Award \$332,939 procurement contract to North South Machinery to furnish a hydraulic press brake;**
- c. Award \$374,359 procurement contract to Flow International Corp. to furnish a water jet cutting system; and**
- d. Authorize increase of \$200,000 to an agreement with Richard Brady & Associates, for a new not-to-exceed total of \$446,000, for the La Verne Shops Upgrades**

Added

- 7-3** Adopt CEQA determination, report on status of outside counsel's review of the policies and procedures of Metropolitan's Ethics Office; and authorize an increase in maximum amount payable under contract for legal services with Wilmer Cutler Pickering Hale and Dorr LLP by \$400,000 to an amount not to exceed \$650,000

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed action is not defined as a project and is not subject to CEQA, and

Authorize an increase in the maximum amount payable under contract for legal services with Wilmer Cutler Pickering Hale and Dorr LLP by \$400,000 to an amount not to exceed \$650,000

END OF CONSENT CALENDAR

8. OTHER BOARD ITEMS — ACTION

- 8-1** Adopt CEQA determination and appropriate \$16.45 million; authorize preliminary design to rehabilitate prestressed concrete cylinder pipe portions of the Allen-McColloch Pipeline, Calabastas Feeder, Rialto Pipeline, and Sepulveda Feeder; authorize agreements with: (1) Brown and Caldwell in an amount not to exceed \$2 million; (2) Black and Veatch Corporation, Inc. in an amount not to exceed \$2.9 million; and (3) HDR Engineering, Inc. in an amount not to exceed \$4.4 million, to provide engineering design services; and authorize increase of \$150,000 to an agreement with Helix Environmental Planning, Inc., for a new total of \$2.1 million, to provide environmental support (Appropriations Nos. 15496 and 15502) (E&O)

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed actions was previously addressed in the certified 2017 Final PEIR, findings, Statement of Overriding Considerations, and Mitigation Monitoring and Reporting Program; and

- a. Appropriate \$16.45 million;**
- b. Authorize preliminary design to rehabilitate PCCP portions of the Allen-McColloch Pipeline, Calabastas Feeder, Rialto Pipeline, and Sepulveda Feeder;**
- c. Authorize agreement with Brown and Caldwell in an amount not to exceed \$2.0 million to provide engineering services for rehabilitation of the Allen-McColloch Pipeline;**
- d. Authorize agreement with Black and Veatch Corporation, Inc. in an amount not to exceed \$2.9 million to provide engineering design services for rehabilitation of the Rialto Pipeline;**
- e. Authorize agreement with HDR Engineering, Inc. in an amount not to exceed \$4.4 million to provide engineering design services for rehabilitation of the Sepulveda Feeder**
- f. Authorize increase of \$150,000 to an agreement with Helix Environmental Planning, Inc., for a new not-to-exceed total of \$2.1 million, to provide environmental support**

- 8-2** Adopt CEQA determination and appropriate \$4.1 million; and authorize: (1) design of seismic upgrades to three buildings at the La Verne site; (2) agreement with IBI Group in an amount not to exceed \$630,000; and (3) agreement with La Cañada Design Group, Inc. in an amount not to exceed \$950,000 (Appropriations Nos. 15369 and 15495) (E&O)

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed actions have been previously addressed in the certified Final EIRs and related documents and that no further environmental analysis or documentation is required, and

- a. **Appropriate \$4.1 million;**
- b. **Authorize final design of seismic upgrades and building improvements for three buildings at the La Verne site;**
- c. **Authorize agreement with IBI Group in an amount not to exceed \$630,000; and**
- d. **Authorize agreement with La Cañada Design Group, Inc. in an amount not to exceed \$950,000**

- 8-3** Adopt CEQA determination and appropriate \$2.1 million; and authorize: (1) design and construction to refurbish the generator at Valley View Hydroelectric Plant; and (2) preliminary design to rehabilitate auxiliary systems at that facility (Appropriation No. 15458) (E&O)

Recommendation:

Option #1:

Adopt the CEQA determination that the proposed actions are categorically exempt, and

- a. **Appropriate \$2.1 million;**
- b. **Authorize design and construction to refurbish the generator at Valley View Hydroelectric Plant; and**
- c. **Authorize preliminary design to rehabilitate auxiliary systems at that facility**

9. BOARD INFORMATION ITEMS

- 9-1** Update on Conservation Program

10. FOLLOW-UP ITEMS

11. FUTURE AGENDA ITEMS

12. ADJOURNMENT

NOTE: At the discretion of the Board, all items appearing on this agenda and all committee agendas, whether or not expressly listed for action, may be deliberated and may be subject to action by the Board.

Each agenda item with a committee designation will be considered and a recommendation may be made by one or more committees prior to consideration and final action by the full Board of Directors. The committee designation appears in parentheses at the end of the description of the agenda item e.g., (E&O, F&I). Committee agendas may be obtained from the Board Executive Secretary.

Writings relating to open session agenda items distributed to Directors less than 72 hours prior to a regular meeting are available for public inspection at Metropolitan's Headquarters Building and on Metropolitan's Web site <http://www.mwdh2o.com>.

Requests for a disability related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting should be made to the Board Executive Secretary in advance of the meeting to ensure availability of the requested service or accommodation.

**GENERAL
MANAGER'S
REPORT**

Date: January 17, 2018

To: The Honorable Board of Directors

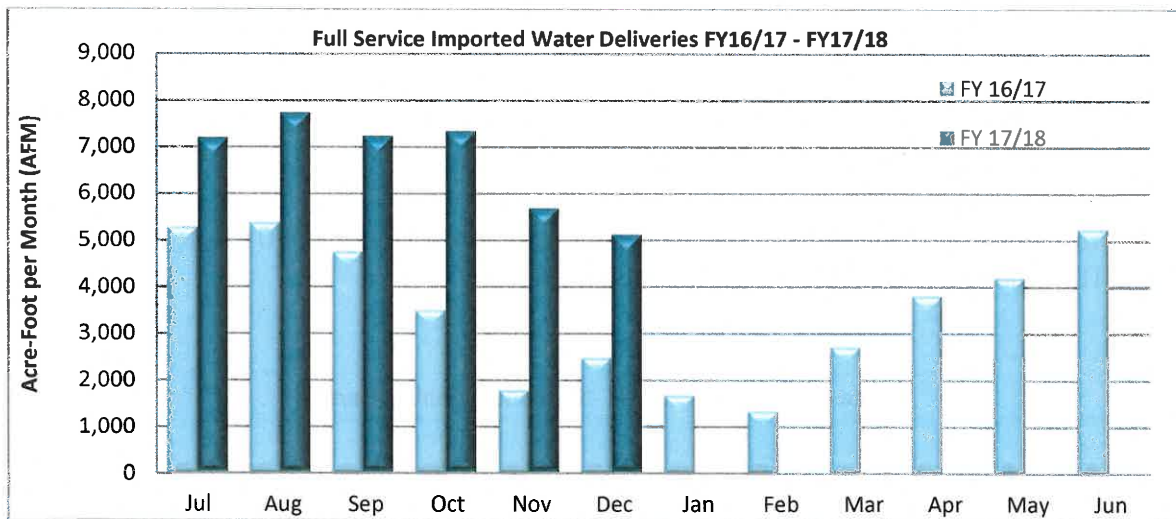
From: Halla Razak, General Manager *HR*

Subject: General Manager's Report Regarding Agency Activities

PLANNING & ENVIRONMENTAL RESOURCES

Imported Water

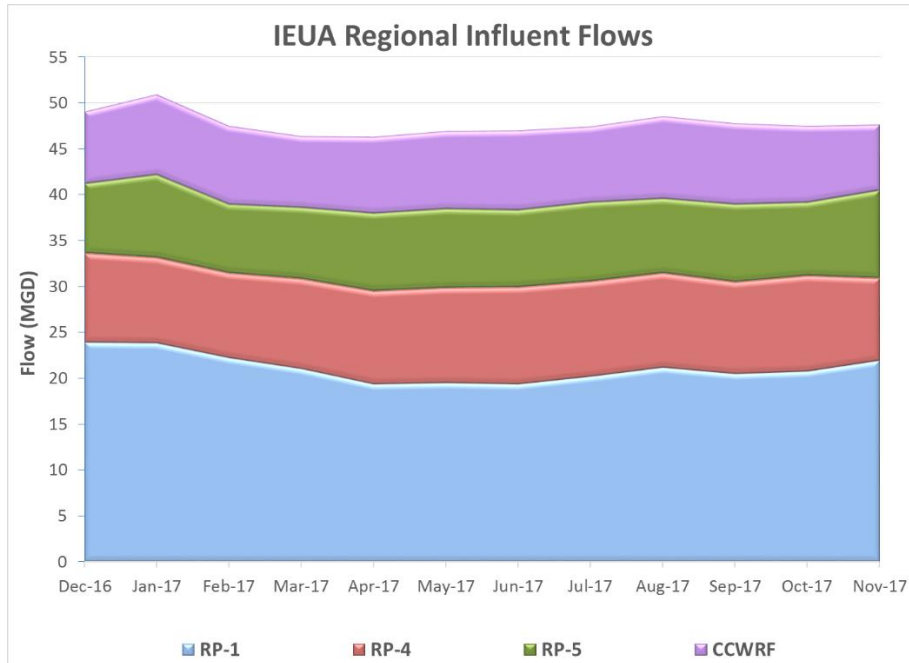
For FY 2017/18, the full service imported water deliveries for the month of December were higher compared to FY 2016/17.



Wastewater

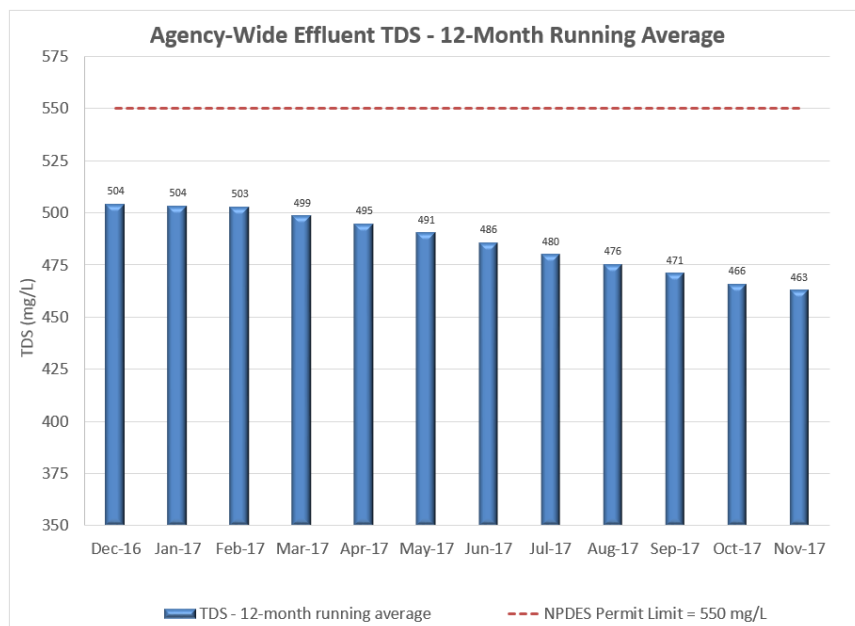
RP-1, RP-4, RP-5, and CCWRF met all the NPDES requirements and effluent / recycled water limitations during the month of November 2017.

1. The Agency-wide average wastewater influent flow for the month of November 2017 was 47.6 million gallons per day (mgd), which is a 0.1 mgd increase from the October 2017 total influent flow.



2. The discharge permit effluent limit for total inorganic nitrogen (TIN) is 8 mg/L. The 12-month running average TIN value for November 2017 was 6.0 mg/L.

The discharge permit effluent limit for total dissolved solids (TDS) is 550 mg/L. The 12-month running average TDS value for November 2017 was 463 mg/L.



Air Quality

With regards to air quality compliance for December 2017, IEUA received three Notices of Violation from SCAQMD for violations that occurred between 2016 and 2017. They are summarized as follows:

- Regional Plant No. 1 – flare heat input exceedance
- Regional Plant No. 2 – engine emission exceedance
- Regional Plant No. 5 SHF – flare temperature below requirement, engine emission exceedance, and late notification to SCAQMD.

RP-2 and RP-5 SHF are currently in compliance. IEUA will work with an attorney to resolve the issue with the RP-1 flare.

INLAND EMPIRE REGIONAL COMPOSTING FACILITY UPDATE

Operational Comments

Facility throughput for December averaged approximately 87% of permitted capacity at an average of 397 tons per day of biosolids and 100 tons per day of amendments (based on a 31-day month). The facility is operating well with no violations or lost-time incidents.

Facility Biosolids Throughput

SOURCE	WET TONS MONTH	WET TONS YEAR TO DATE
LACSD	5,189.42	62,622.24
IEUA	5,732.71	65,322.62
OCSO	1,391.82	15,054.86
TOTAL	12,313.95	142,999.72

Compost Sales

Sales have continued to outpace compost production for the fall planting season wiping out compost inventory. Sales volumes are anticipated to match production at approximately 17,000 cubic yards per month until winter weather slows demand. Revenues were up compared to the same period last year due to higher demand from the landscape sector and lower volumes sent to the discounted ag sector. Compost inventory in the storage facility is 0 cubic yards.

Monthly Sales Summary

CUBIC YARD	\$/CUBIC YARD	TOTAL REVENUE
16,420.31	\$2.12	\$34,860.10

Fiscal Year-To-Date Sales Summary

MONTH	TOTAL YARDS 2017/2018	TOTAL YARDS 2016/2017	TOTAL REVENUE 2017/2018	TOTAL REVENUE 2016/2017
July	21,518.61	14,898.82	\$31,737.00	\$27,554.05
August	19,226.62	13,973.73	\$37,071.78	\$32,185.36
September	16,170.64	28,277.42	\$35,038.33	\$25,161.07
October	25,631.94	33,118.70	\$34,569.24	\$30,402.44
November	24,481.44	36,746.25	\$30,053.63	\$26,452.12
December	16,420.31	27,866.97	\$34,860.10	\$26,088.79
January		7,965.39		\$11,934.94
February		14,371.47		\$20,070.21
March		22,580.72		\$36,895.88
April		14,887.63		\$36,561.10
May		19,121.35		\$39,387.11
June		17,893.20		\$38,379.99
TOTAL	123,449.56	251,701.65	\$203,330.08	\$351,073.06
AVERAGE	21,405.85	20,975.14	\$33,694.00	\$29,256.09

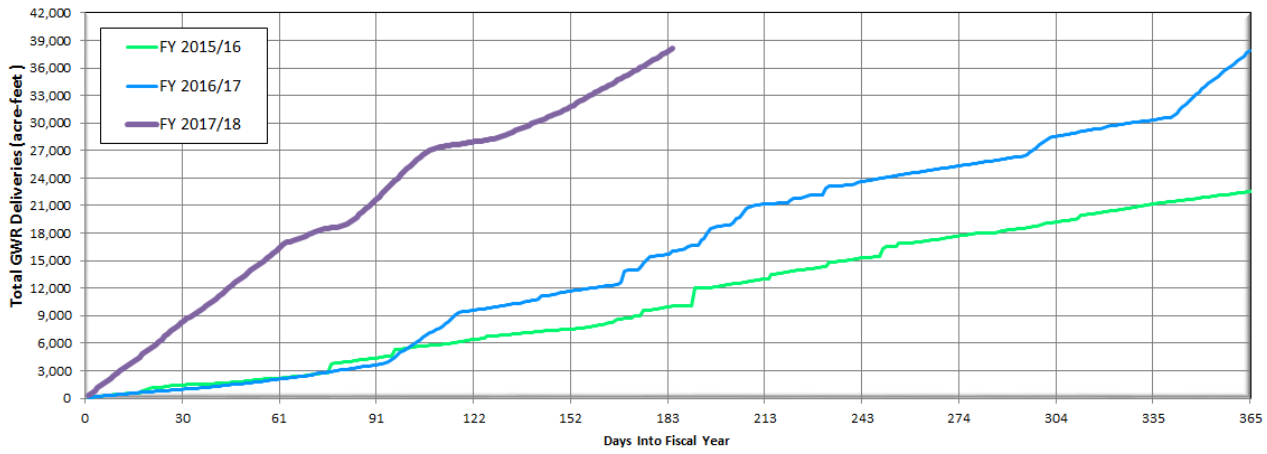
GROUNDWATER RECHARGE

Groundwater Recharge – December 2017 (preliminary)

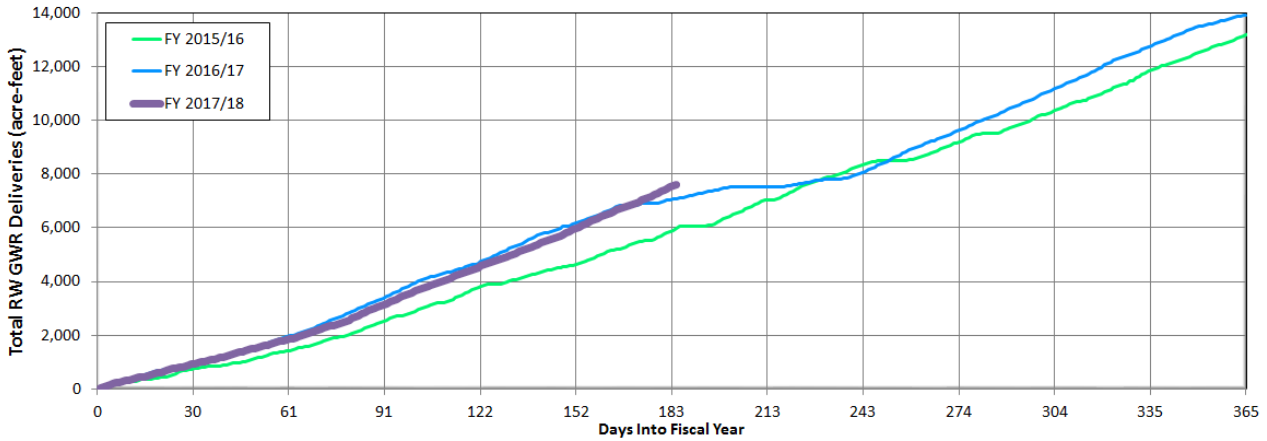
During December 2017, recycled water delivered for recharge totaled 1,582 acre-feet. Imported water delivered for recharge under the MWD Dry Year Yield Program totaled 4,550 acre-feet. Miscellaneous water captured in the recharge basins totaled 16 acre-feet from local runoff and well discharges. There were no rain events. For December, Chino Basin Watermaster will remove 1.5% of evaporation losses from the delivered imported and recycled water.

Monthly summaries of recharge by recharge site for the Chino Basin Groundwater Recharge Operations can be found at <http://www.ieua.org/category/reports/groundwater-recharge-reports>.

Total Groundwater Recharge – December 2017

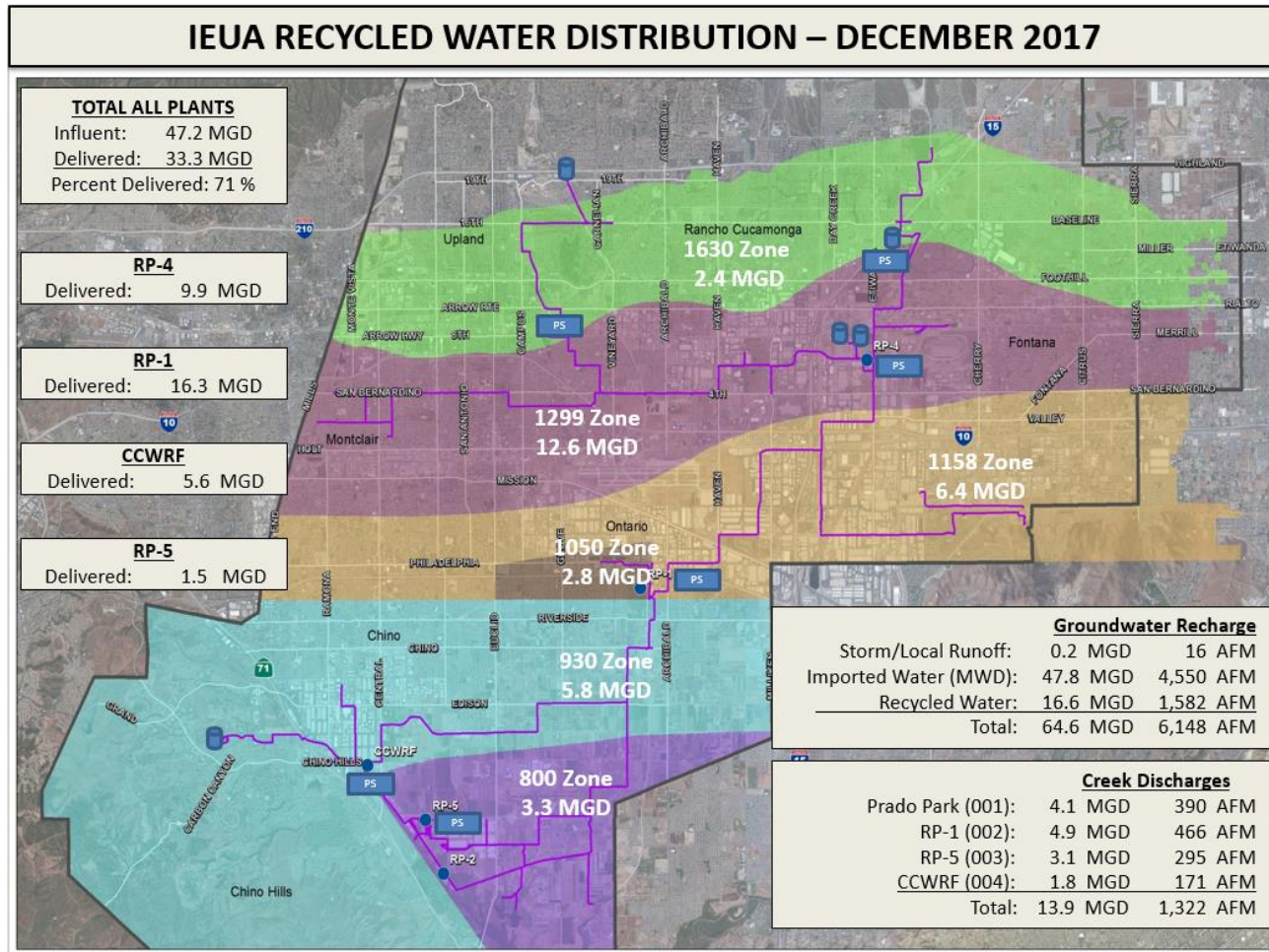


Recycled Water Delivered to Groundwater Recharge – December 2017



RW Distribution – December 2017

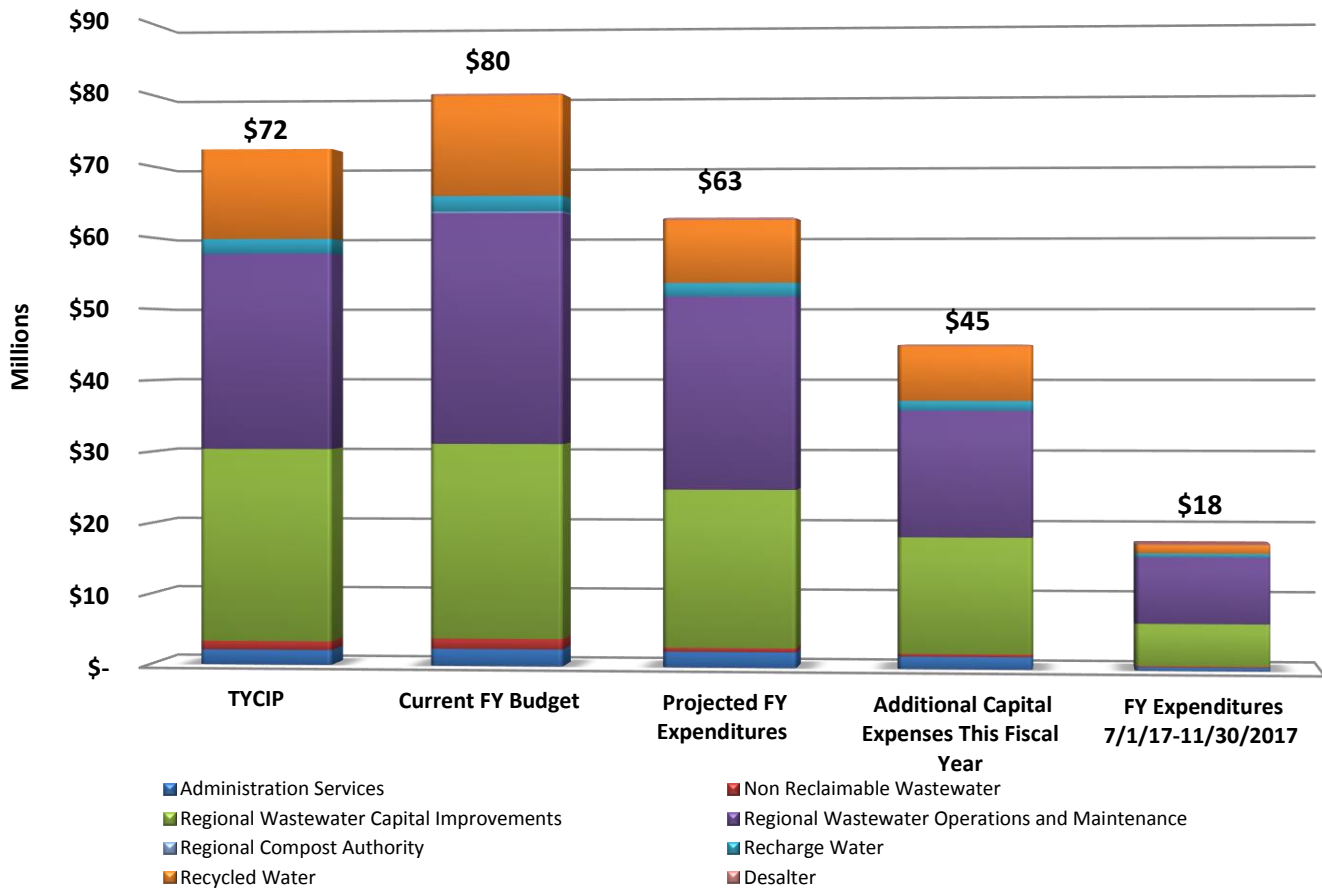
During December 2017, 71% (33.3 MGD) of IEUA recycled water supply (47.2 MGD) was delivered into the distribution system for both direct use customers (16.7 MGD) and groundwater recharge (16.6 MGD). Plant discharge to creeks feeding the Santa Ana River averaged 13.9 MGD.



ENGINEERING CONSTRUCTION MANAGEMENT DEPARTMENT

Engineering and Construction Management's original Ten Year Capital Improvement Plan (TYCIP) was \$72,323,068. The TYCIP was amended during the FY 2017/18 rollovers to the current budget of \$79,988,555. As of November 30th, staff has projected to spend \$62,622,873, of which \$17,614,771 has been expended. The following charts summarize the project status update for FY 2017/18.

Engineering and Construction Management FY 2017/18 Budget Status Update



The accompanying attachments have detailed information for IEUA's capital improvement program.

- Attachment A: Bid and Award Look Ahead Schedule
- Attachment B: Active Capital Improvement Project Status
- Attachment C: Emergency Projects

GRANTS UPDATE

Board Activities:

None since the last meeting.

Grant/Loan Application Submitted:

A State Revolving Fund (SRF) Loan Application for Chino Basin Watermaster Recharge Master Plan Update (RMPU) Planning and Construction Project was submitted. The project includes upgrades at six recharge basins and a stormwater distribution system. The project is expected to increase stormwater recharge by 4,085 acre-feet per year (AFY) and recycled water recharge by 3,025 AFY. The amount requested is \$15,992,000.

Grant/Loan Applications in Process:

1. SWRCB: SRF Loan Application for the RP-1/RP-5 Construction Project
2. SWRCB: SRF Loan Application for Monte Vista Water District (MVWD) Recycled Water Project
3. Title XVI Feasibility Study for the IEUA-Jurupa Community Services District (JCSD) Intertie Project

Grant/Loan Agreement Negotiation:

Grants staff have been negotiating two Proposition 1 grant agreements with the SWRCB, including:

1. \$11.4M South Archibald TCE Plume Cleanup Project
2. \$10M Stormwater Implementation Project

Grants staff have received the executed SRF loan agreements for two of the following seven recycled water capital improvement projects with the SWRCB, including:

1. San Sevaire Basin Improvements
2. Napa Lateral

#	Project Name	Total Project Cost	Green Project Reserve Grant	State Revolving Fund Loan
1	San Sevaire Basin Improvements	\$ 6,460,000	\$ 2,500,000	\$ 3,960,000
2	Napa Lateral	\$ 6,050,000	\$ 2,500,000	\$ 3,550,000
3	RP-1 1158 PS Upgrades	\$ 4,000,000	\$ 2,000,000	\$ 2,000,000
4	RP-5 RW Pipeline Bottleneck	\$ 2,755,000	\$ 1,377,500	\$ 1,377,500
5	Pressure Sustaining Valve Installation	\$ 850,000	\$ 425,000	\$ 425,000
6	RP-1 Parallel Outfall Pipeline	\$ 5,700,000	\$ 2,500,000	\$ 3,200,000
7	Baseline Extension (Village of Heritage)	\$ 5,417,417	\$ 2,500,000	\$ 2,917,417
	Total	\$ 31,232,417	\$ 13,802,500	17,429,917

Grants staff have received a \$500,000 grant award from the State Water Board for the RP-1/RP-5 Expansion Project Planning and design.

Grant Reimbursements Processed and Reporting Activities:

The following is a status update on several existing contracts for various grants and loans:

- SWRCB – Water Quality Laboratory SRF Loan – Invoice #8 for \$2,576,116
- US Bureau of Reclamation (USBR) – Joint IEUA and CDA Ground Water Wells and Raw Water Intertie Pipelines Grant – Invoice #10 for \$ 190,193.25.
- Santa Ana Watershed Project Authority (SAWPA)/California Department of Water Resources (DWR) – Regional Residential Landscape Retrofit – Invoice # 12 for \$15,702.10.

Other Department Activities:

In November, staff participated in the following additional activities:

Site Visit – California Department of Parks and Recreation (DPR) came for a site visit related to the Outdoor Environmental Education Facilities Grant Program on November 30, 2017. The site visit was the second step in the application process in order to help DPR make their funding decisions for 2018 awards. Grants staff assisted the project manager, Lucia Diaz, with the visit. This grant application is seeking \$500,000 grant funding with a total estimated project cost of \$810,800.

The DPR toured the entire park site, with a focus on the areas where outdoor classrooms will be constructed. These areas will include freestanding shade structures with educational signage.

- Pipe Garden
- Amphitheater
- Picnic Area

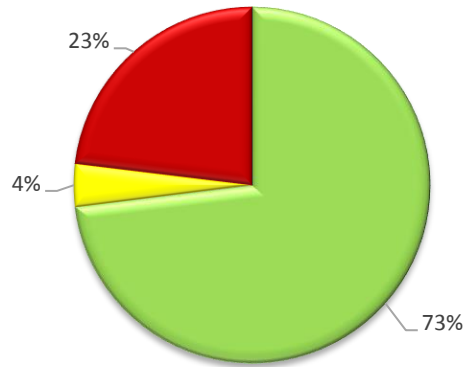
This grant opportunity, if awarded, will provide an enhanced educational space for learning.

Attachment A
 Bid and Award Look Ahead Schedule

Bid and Award Look Ahead Schedule			
	Project Name	Projected Bid Opening Date	Projected Bid Award Date
	Feb-18		
1	EN13048.00 RP-1 Power System Upgrades	12-Jan-18	21-Feb-18
2	EN18040 RP-1 Maintenance Building HVAC Replacement	6-Feb-18	21-Feb-18
	Mar-18		
3	RW15003.05 RP-3 Basin Improvements	6-Feb-18	21-Mar-18
4	WR15021.00 Napa Lateral	15-Feb-18	21-Mar-18
	Apr-18		
5	EN15012.00 RP-1 Primary Effluent Conveyance Improvements	3-Apr-18	18-Apr-18
	May-18		
6	EN18028 RP-5 Facilities Improvements	1-May-18	16-May-18
7	EN18039.00 Agency-Wide Lighting Pole Replacements and Upgrades	25-Apr-18	16-May-18
8	RW15003.06 Wineville/Jurupa/Force Main Improvements	12-Apr-18	16-May-18
	Jun-18		
9	EN11039.00 RP-1 Disinfection Pump Improvements	17-Apr-18	20-Jun-18
10	EN14043.00 RP-5 RW Pipeline Bottleneck	5-Jun-18	20-Jun-18
11	EN17039.00 8th St. Basin RW Turnout Discharge Retrofit	10-May-18	20-Jun-18
12	EN17042.00/.99 Digester 6 and 7 Roof Repairs & O&M Digester Cleaning	20-Apr-18	20-Jun-18
13	EN18015.00 Collection System Upgrades 17/18	5Jun-18	20-Jun-18
14	RW15003.02 Victoria Basin Improvements	12-Apr-18	20-Jun-18
15	RW15003.03 Montclair Basin Improvements	20-Apr-18	20-Jun-18
16	RW15004.00 Lower Day Basin Improvements	13-Apr-18	20-Jun-18
	Jul-18		
17	EN17044.00 RP-1 Power Reliability Generator Control Upgrades	12-Sep-17	18-Jul-18
18	EN18054.00 RP-1 Recycled Water Valve Replacement Phase II	11-Jun-18	18-Jul-18
	Aug-18		
19	EN17045.00 RP-1 Filter Valve Replacement	26-Jun-18	15-Aug-18
	Sep-18		
20	EN14042.00 1158 RWPS Upgrades	28-Jun-18	19-Sep-18
	Oct-18		
21	EN17049.00 Baseline RWPL Extension	10-Sep-18	17-Oct-18
22	EN17082.00 Mechanical Restoration and Upgrades	24-Jul-18	17-Oct-18
23	EN18006.00 RP-1 Flare Improvements	31-Aug-18	17-Oct-18
24	EN18028.00 RP-5 Facilities Improvements	27-Aug-18	17-Oct-18
	Nov-18		
25	EN18023.00 NRWS Philadelphia Pump Station Pump 3 Improvements	25-Sep-18	21-Nov-18
	Jan-19		
26	EN17080.00 System Cathodic Protection Improvements	31-Dec-18	16-Jan-19
27	EN18038.00 RP-4 Operations and Maintenance Building	10-Dec-18	16-Jan-19

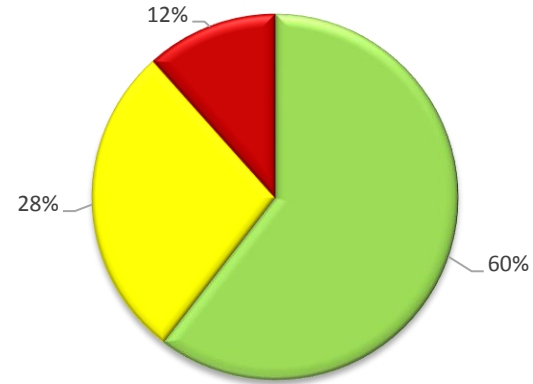
Attachment B
 Active Capital Improvement Project Status

Construction Schedule Performance



■ On-time ■ Recovery in Progress ■ Behind Schedule

Design Schedule Performance



■ On-time ■ Recovery in Progress ■ Behind Schedule

Agency-Wide							
No.	Project ID	Project Title	Total Expenditures thru 11/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
1	EN13016	SCADA Enterprise System (EN13016.03, 04)	6,320,817	15,803,331	Recovery in Progress	Design	RP-4/5 Baseline schedule from CDM Smith is more aggressive than we had anticipated or budgeted for. Project schedule and budget will be reassessed in Jan 2018 to determine if money from FY 18/19 budget needs to be pulled forward.
1a	EN13016	SCADA Enterprise System (EN13016.05* Cost are included in parent project above)			Behind Schedule	Design	The construction sequencing and strategy for the RP-1 SCADA Migration Project has been changed, and the baseline schedule, as originally developed, is no longer recoverable.
2	EN16070	Agencywide Sewage Pumps Efficiencies Improvements Ph II (EN16070.01)	165,723	350,000	On-time	Project Acceptance	
3	EN17034	Agency wide Lighting Improvements - Phase 2	1,258,864	1,400,000	On-time	Project Acceptance	
4	EN17052	RP-1 and RP-4 Safety Improvements	913,322	1,049,000	Behind Schedule	Project Acceptance	Project is complete. Delays were due to differing site conditions encountered during construction.
5	EN17053	Agencywide RW Pumps Overhaul Services Ph II (EN17053.01)	257,220	625,000	On-time	Project Acceptance	
6	EN17080	System Cathodic Protection Improvements	24,353	3,510,000	On-time	Consultant Contract Award	
Totals			8,940,299	22,737,331			

Carbon Canyon Wastewater Regional Facility (CCWRF)							
No.	Project ID	Project Title	Total Expenditures thru 11/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
7	EN17006	CCWRF Odor Control and Headworks Replacements	776,746	23,421,951	On-time	Pre-Design	
8	EN17072	CCWRF Airduct Modifications	35,045	95,000	On-time	Bid & Award	
9	EN18036	CCWRF Asset Management and Improvements - Package III	15,238	2,420,000	On-time	Consultant Contract Award	
10	EN18037	CCWRF Asset Management and Improvements - Package II	13,860	950,000	On-time	Consultant Contract Award	
Totals			840,888	26,886,951			
Chino Desalter Authority (CDA)							
No.	Project ID	Project Title	Total Expenditures thru 11/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
11	DL37140	CDA IX Piping Replacement	26,209	125,000	On-time	Construction	
12	DL37141	CDA Structures Coating	137,818	220,000	On-time	Construction	
13	EN16021	TCE Plume Cleanup	(2,326,834)	17,294,171	Recovery in Progress	Project Evaluation	There are currently issues concerning property acquisition that will affect the project timeline. It is possible that time can be made up in either the design or construction phases.
Totals			(2,162,806)	17,639,171			
Collections							
No.	Project ID	Project Title	Total Expenditures thru 11/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
14	EN13028	Preserve Lift Station	54,145	335,190	On-time	Construction	
15	EN17014	NRWS Manhole Upgrades - 16/17	146,031	350,000	Behind Schedule	Construction	Unrecoverable delay was due to material delivery delays beyond contractor's control.
16	EN17015	Collection System Upgrades 16/17	165,964	500,000	Behind Schedule	Construction	Unrecoverable delay was due to material delivery delays beyond contractor's control.
17	EN17050	Septic Conversion PDR	-	1,000,000	N/A	On-hold	
18	EN18023	NRWS Philadelphia Pump Station Pump 3 Improvements	8,402	250,000	On-time	Consultant Contract Award	
19	EN22002	NRW East End Flowmeter Replacement	118,877	1,986,985	Recovery in Progress	Pre-Design	The PDR completion is behind schedule; however, long planning periods have been provided to allow for review by LACSD. LACSD completed their review of the PDR in October.
Totals			493,419	4,422,175			

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Groundwater Recharge							
No.	Project ID	Project Title	Total Expenditures thru 11/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
20	EN13001	San Savaine Basin Improvements	801,951	6,460,001	On-time	Construction	
21	EN14047	GWR and RW SCADA Control Upgrades	695,382	932,000	Behind Schedule	Construction	Since the project modifies programming screens and controllers, it is critical that the contractor completes their work without impacting the Agency's ability to connect and control the basins remotely. The contractor has been facing constant delays due to loss of support staff. They have made a strong commitment to complete the scope as contracted but with the request of extending the contract date. Staff will continue to monitor progress and provide any support to minimize further delays.
22	EN17067	Declerz Monitoring Well Project	75,304	360,000	On-time	Construction	
23	RW15003	Recharge Master Plan Update Projects (RW15003.00,02,03,05,06)	1,770,587	7,490,500	On-time	Design	
24	RW15004	Lower Day Basin RMPU	322,598	4,008,000	On-time	Design	
Totals			3,665,821	19,250,501			
Headquarters							
No.	Project ID	Project Title	Total Expenditures thru 11/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
25	CP16003	Headquarters Roofing Replacement	133,225	1,395,822	Behind Schedule	Bid & Award	In order to avoid the 2017/2018 rain, season the subject project bid solicitation has been delayed until Dry weather months, in order to avoid wet weather risk impacts to the project. Additionally, a number of questions during bidding necessitated issuance of a number of Addendum, which will delay award by one month. Site construction activities will be scheduled to begin April 2018.
26	EN15008	Water Quality Laboratory	14,789,725	24,645,000	On-time	Construction	
27	EN16049	Conference Rooms Audio Visual Upgrades	1,184,168	1,351,477	On-time	Construction	
Totals			16,107,118	27,392,299			
Recycled Water							
No.	Project ID	Project Title	Total Expenditures thru 11/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
28	EN15002	1158 Reservoir Site Cleanup	27,764	1,300,000	Recovery in Progress	Project Evaluation	Once SCE provides a firm schedule, the project will be re-baselined to show the revised completion date. It is possible to recover some time lost when the consultant's scope of work is reduced due to the SCE completing the geotechnical investigation.
29	EN16034	RW Pressure Sustaining Valve Installation	34,275	850,000	Recovery in Progress	Project Evaluation	Due to the delayed notification of the Proposition 1 SRF award, the project baseline schedule is also delayed. The recovery plan is to revise the baseline schedule with an updated schedule dependent on the anticipated award date of the Proposition 1 grant which is currently in 2018.
30	EN17039	8th St. Basin RW Turnout Discharge Retrofit	64,295	275,000	Behind Schedule	Design	SBCFCD required plans and specs be resubmitted with copies of permits from ACOE, Department of Fish and Game, and Water Board permits prior to construction. Permit was received 12-11-2017. In order to mitigate construction delays and increased project costs, the board award was postponed to June 2018. The schedule will be pushed out as needed to ensure quality of the project. A revised baseline will be provided.
31	EN17041	Orchard Recycled Water Turnout Improvements	31,008	125,000	On-time	Design	
32	EN17049	Baseline RWPL Extension	32,395	4,950,000	On-time	Consultant Contract Award	
33	WR15021	Napa Lateral	126,714	6,050,000	On-time	Bid & Award	The project be rebaselined once the contract is awarded.
Totals			316,452	13,550,000			

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Regional Water Recycling Plant No. 1 (RP-1)							
No.	Project ID	Project Title	Total Expenditures thru 11/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
34	EN11039	TP-1 Disinfection Pump Improvements	640,004	5,700,367	Behind Schedule	Design	The project is currently behind schedule due to delays in the 50% and 85% Design Phases. Additional delays were attributed to efforts to coordinate the SCADA project with this project to support operations and their needs.
35	EN13048	RP-1 Power System Upgrades	491,492	1,599,000	On-time	Bid & Award	
36	EN14019	RP-1 Headworks Primary and Secondary Upgrades	1,112,923	9,750,000	On-time	Construction	
37	EN14042	RP-1 1158 RWPS Upgrades	460,105	4,000,000	On-time	Design	
38	EN15012	RP-1 East Primary Effluent Pipe Rehab	454,178	3,015,598	Recovery in Progress	Design	The consultant has submitted the 85% design submittal and is confident the time can be made up during the final design phase
39	EN16024	RP-1 Mixed Liquor Return Pumps	5,798,154	7,236,000	Recovery in Progress	Construction	The project is 53 days behind schedule; roughly 30 days are due to Pioneer (Supplier of the Power Center's) being non-responsive during the submittal process. The additional 23 days are due to pump issues (Xylem) and compatibility with the VFD's (Rockwell). JF Shea may be allowed to proceed with two (2) trains down at a time, which will accelerate the schedule. This will be done only if the Contractor has the resources to work within two (2) trains at a time. By doing so, Shea will make up lost time.
40	EN17040	RP-1 Aeration Basin Panel Repairs	228,928	1,346,269	On-time	Construction	
41	EN17042	Digester 6 and 7 Roof Repairs	477,359	3,800,000	Recovery in Progress	Pre-Design	The addition of Digester No. 1 cleaning to the scope pushed out the start of Digester 6 or 7 cleaning. The lost time will be recovered during subsequent phases including detailed design and cleaning of Digester 7 with early mobilization.
42	EN17044	RP-1 Power Reliability Building Controls Upgrades	219,164	1,500,000	Behind Schedule	Bid & Award	The schedule will be pushed out as needed to ensure quality of the project. A revised baseline will be provided.
43	EN17045	RP-1 Filter Valve Replacement	18,390	650,000	On-time	Design	
44	EN17047	RP-1 Dewatering Silo/Conveyor Safety Improvement Repairs	118,273	231,000	On-time	Project Acceptance	
45	EN17059	RP-1 Iron Sponges Installation	331,191	600,000	On-time	Project Acceptance	
46	EN17077	SBLs Emergency Diversion	80,258	525,000	On-time	Pre-Design	
47	EN17082	RP-1 Mechanical Restoration and Upgrades	43,501	1,515,000	On-time	Pre-Design	
48	EN18006	RP-1 Flare Improvements	243,766	5,380,000	Recovery in Progress	Design	The project is slightly behind schedule due to extensive effort applied during the Predesign phase searching of flare manufacturers who can meet the strict regulatory requirements set forth by South Coast Air Quality Management District. Schedule delay will be recovered during the detailed design phase.
49	EN18039	RP-1 Lighting Pole Replacements	11,893	220,000	On-time	Design	
50	EN18042	RP-1 Civil Restoration and Upgrades	-	500,000	On-time	Project Evaluation	
51	EN18040	RP-1 Maintenance Building HVAC Replacement	7,830	650,000	On-time	Consultant Contract Award	
52	EN18052	RP-1 Dewatering Building Foam Suppression System Expansion	1,768	55,000	On-time	Construction	
53	EN18054	RP-1 Recycled Water Valve Replacement Phase II	-	115,000	On-time	Project Evaluation	
54	EP17003	RP-1 Training Room	48,121	425,000	On-time	Construction	
55	EN24001	RP-1 Liquid Treatment Capacity Recovery	38,879	182,050,000	On-time	Consultant Contract Award	
56	EN24002	RP-1 Solids Treatment Expansion	21,839	48,050,000	On-time	Consultant Contract Award	
Totals			10,848,015	278,913,234			

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Regional Water Recycling Plant No. 4 (RP-4)							
No.	Project ID	Project Title	Total Expenditures thru 11/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
57	EN14018	RP-4 Disinfection System Retrofit	2,027,540	2,678,042	On-time	Construction	
58	EN17043	RP4 Primary Clarifier Rehab	98,765	6,560,900	Recovery in Progress	Pre-Design	The schedule was extended by about 6 months due to elevating the priority of rehabilitating the Trident Filter project. The schedule will be pushed out as needed to ensure quality of the project. A revised baseline will be provided.
59	EN17110	RP-4 Process Improvements	527,554	17,321,763	Recovery in Progress	Pre-Design	The schedule was extended by about 6 months due to elevating the priority of rehabilitating the Trident Filter project. The schedule will be pushed out as needed to ensure quality of the project. A revised baseline will be provided.
59a	EN17110	RP-4 Trident Filters Rehabilitation and Replacement (EN17110.01 costs are included in parent project above)			On-time	Construction	
60	EN18038	RP-4 Operations and Maintenance Building	14,893	450,000	Recovery in Progress	Consultant Contract Award	The baseline schedule and the budget will be refined once the evaluation is completed.
Totals			2,668,753	27,010,705			

Regional Water Recycling Plant No. 5 (RP-5)							
No.	Project ID	Project Title	Total Expenditures thru 11/30/2017 (\$)	Total Project Budget (\$)	Project Schedule Performance	Status	Schedule Recovery Plan
61	EN11031	RP-5 Flow Equalization and Effluent Monitoring	1,748,803	3,397,200	Behind Schedule	Construction	The Chemical pumps are experiencing signal interference. A changer order was approved by the Board 11-15-2017 to resolve the issue. The schedule will be pushed out as needed to ensure quality of the project. A revised baseline will be provided.
62	EN14043	RP-5 RW Pipeline Bottleneck	412,305	2,756,637	Recovery in Progress	Bid & Award	The schedule was extended by about 5 months due to additional and modified scope items, and requirements of construction contractors prequalification as required by the SRF Loan guidelines. Part of the lost time may be recovered during the construction phase. Construction is not expected to take one year as originally allocated.
63	EN18028	RP-5 Facilities Improvements	23,405	350,000	On-time	Design	
64	EN19001	RP-5 Expansion to 30 mgd	1,210,782	175,000,000	On-time	Design	
65	EN19006	RP-5 Biosolids Facility	1,334,544	165,000,000	On-time	Design	
66	PA17006	Agency-Wide Aeration (PA17006.02)	1,374,379	10,120,000	On-time	Bid & Award	
Totals			6,104,218	356,623,837			

Overall Totals 47,822,176 794,426,204

Attachment C

FY16/17 Emergency Projects									
	Project ID	Contractor	Task Order Description (Details of Circumstance and Cause of the Emergency)	Location	TO #	Original Not-to-Exceed /Estimate	Actual Cost thru 11/30/2017	Date of Award	Status
CDA									
1	CDA000000012	W.A. Rasic Construction	Raw Water Line Repair	CDA	TO-035	8,000	156	7/18/2016	Complete
RP1									
2	EN000000023	Johnson Power	Backup Generator Rental	RP-1	-	34,193	22,144	3/6/2017	Complete
RP-4									
3	EN17019.03	W.A. Rasic Construction	RP-4 Raw Screening Area	RP-4	TO-039	12,400	12,400	11/9/2016	Complete
4	EN17019.11	Ferreira Construction	RP-4 Biofilter Sump Pump Leak	RP-4	TO-021	8,500	24,361	6/27/2017	Complete

FY17/18 Emergency Projects									
	Project ID	Contractor	Task Order Description (Details of Circumstance and Cause of the Emergency)	Location	TO #	Original Not-to-Exceed /Estimate	Actual Cost thru 11/30/2017	Date of Award	Status
Agencywide									
2	EN18019.01	W.A. Rasic Construction	Replace a manhole ring at 7400 block of Kimball Ave	Agency-Wide	TO-054	8,500	10,162	7/17/2017	Closed
3	EN18019.02	W.A. Rasic Construction	Sink Hole over the 30" Montclair Int. Sewer	Agency-Wide	TO-056	18,500	16,102	7/31/2017	Complete
4	EN18017.02	W.A. Rasic Construction	14-inch Pipe & Valve Replacement	Agency-Wide	TO-058	50,000	38,607	8/16/2017	Complete
5	EN18017.04	Ferreira Construction	Eucalyptus Ave. Valve Adjustments and Concrete Bollard Adds	Agency-Wide	TO-024	9,293	14,904	9/20/2017	Complete
6	EN18017.05	W.A. Rasic Construction	Marlay & Industry Blowoff Repair	Agency-Wide	TO-061	8,900	0	12/7/2017	Active
CCWRF									
	EN18019.07	W.A. Rasic Construction	CCWRF Lagoon Bottom Repairs	CCWRF	TO-063	24,600	0	12/12/2017	Active
Recycled Water									
1	EN18017.01	W.A. Rasic Construction	Prologis RW Leak	RW	TO-055	47,966	53,141	7/19/2017	Closed
RP-1									
5	EN18019.03	Ferreira Construction	RP-1 Sodium Hypochlorite Tank Leak	RP-1	TO-023	25,000	22,268	8/22/2017	Complete
6	EN18017.03	W.A. Rasic Construction	RP-1 RW Hose Bib Riser Repairs	RP-1	TO-060	48,000	6,418	9/13/2017	Complete
7	EN18019.04	Trautwein Construction	RP-1 12" Hot Water Loop Leak/Repair- CO for EN17019.08	RP-1	CO-0001	40,000	30,989	6/1/2017	Complete
8	EN18019.05	Ferreira Construction	RP-1 Potable Water Leak	RP-1	TO-025	29,500	9,728	10/25/2017	Active
9	EN18019.06	W.A. Rasic Construction	RP1 Lagoon No. 3 Outfall Pipe (42" dia)	RP-1	TO-062	50,000	0	12/7/2017	Active
					Totals	360,259	202,319		

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December 2017 Emergency Projects						
Contractor	Task Order Description	Details of the Circumstances/Cause of Emergency	Scope of Repair	Location	Date of Award	Not-to-Exceed /Estimate
W.A. Rasic Construction	Marlay & Industry Blowoff Repair	A passenger vehicle struck and destroyed a RW Blowoff at the southwest corner of Marlay and Industry Avenues. The RW/GWR supervisor asked for CM's help in getting that asset reconstructed and fortifying it with 6" bollards to minimize future damage to the same IEUA infrastructure	<ol style="list-style-type: none"> 1. The Contractor shall obtain and pay for an encroachment permit from the City of Fontana; the permitting process has been initiated by IEUA, so the Contractor shall just pay for and pick up the permit 2. Setup traffic control as necessary to perform the work. The work itself is wholly limited to the backside of the curb in the public parkway, however the Contractor may need to stage equipment and vehicles against the curb and thus may require a closure of the outside lane 3. Excavate down to the top of riser to ensure the piping below grade was not damaged or compromised in any way because of the vehicular impact 4. Contractor may need to replace a flange or two (2) near the ground surface should that material be damaged. The Contractor shall also provide all nuts & bolts (304 Stainless Steel) and gaskets necessary to complete the work 5. Replace the blowoff provided by IEUA and repaint (if necessary) the blowoff with RW purple paint meeting IEUA's standard specification 6. Restore the surrounding grass area to original condition 7. Demobilize when complete 	Agencywide	12/7/2017	8,900
W.A. Rasic Construction	RP1 Lagoon No. 3 Outfall Pipe (42" dia)	A 42" lagoon bypass valve will not seat properly allowing water (at a rate close to 500 gallons per minute) to discharge into Lagoon No. 3 at RP1. With the depth and existing conditions over the top of the valve, repairing the valve is cost prohibitive. ENG/CM is currently looking at a few options to resolve the problem near the intake structure right adjacent to the Bleach Tanks	<ol style="list-style-type: none"> 1. The Contractor shall provide trailer mounted pumps (2, possibly 3 pumps total) to keep up with the flow coming through a broken 42" butterfly valve upstream of the lagoon 2. Once the water is down low enough in the outlet structure, the Contractor will be asked to provide a steel plate, approximately 48"x48" in size with a 1/4" minimum thickness 3. Drilling, epoxy, bolting, and gasket material shall be provided as necessary 	RP-1	12/7/2017	50,000
W.A. Rasic Construction	CCWRF Lagoon Bottom Repairs	The area near the Filter Overflow was constructed with a grouted rock rip rap that had eroded over time due to the width of the rock area. Directly adjacent to the drive access to the bottom of the lagoon, soil began subsiding causing a 5-foot wide by 3-foot deep trench to the west of the overflow check valve. This in turn was causing a failure of the grouted rip rap, further resulting in dirt transport to the bottom of the lined portion of the lagoon	<ol style="list-style-type: none"> 1. Excavate the area that has settled (failed) downstream and adjacent to the Tertiary Filter Overflow duck-bill check valve. This shall include removing material that has caved (refer to the PP attachment for photos of the affected area) 2. Import, as necessary, enough stable soil to backfill and re-grade the area to its original condition and elevation 3. Provide rip rap to match (as close as possible) the existing rip rap at this location, and extend the rip rap to the limits described during the job walk 4. Remove settable material at the bottom of the concrete lined portion of the lagoon (this material, if not deleterious, may be used as the partial backfill from Scope Item No. 2 above). 5.00 Volumes for this work have not been evaluated, so prices will be based on a Lump Sum value 	CCWRF	12/12/2017	24,600
					Total	83,500