Public Notice Pursuant to A.R.S. § 38-431.02

September 5, 2018

TO: Members of the Sub-Regional Operating Group (SROG) Committee of the Joint Municipal Water Reclamation System

FROM: Ms. Holly Rosenthal, Chair, Tempe

SUBJECT: MEETING NOTICE AND AGENDA

Wednesday, September 12, 2018 – 11:00 a.m.
AMWUA Office - Boardroom
3003 North Central Avenue, Suite 1550
Phoenix, Arizona  85012

AGENDA – ITEMS FOR DISCUSSION AND POSSIBLE ACTION

1. Call to Order

2. Approval of the Minutes of the June 13, 2018 Meeting

   Please refer to Agenda Item #2

3. Schedule Next Meeting Date: Wednesday, October 10, 2018, at 11:00 a.m.

4. Consideration of Items for Consent

   The following items listed under the consent agenda will be considered as a group and acted upon by one motion with no separate discussion of said items unless a Committee member so requests. In that event, the item(s) will be removed from the agenda for separate action.

   A. Recommendation to Enter into a Contract Change Order Related to the Improvement of the Scottsdale Princess Metering Station

   At their August 16, 2018 meeting, the SROG Advisory Committee recommended that the SROG Committee authorize the City of Phoenix to execute a change order for additions to the scope, fee and schedule for repair of the City of Scottsdale Metering Station.

   Please refer to Agenda Item #4A.
B. **Recommendation to Accept the Allocation of the Ferrous Chloride Costs for Odor Control**

At their August 16, 2018 meeting, the SROG Advisory Committee recommended that the SROG Committee accept the allocation of the ferrous chloride costs for odor control that Mesa supplies for the benefit of the SROG cities.

Please refer to **Agenda Item #4B**.

C. **SROG Annual Year-End Flow and Loading Report for Fiscal Year 2017-18**

At their August 16, 2018 meeting, the SROG Advisory Committee recommended that the SROG Committee accept the SROG Year-End Flow and Loading Report for Fiscal Year 2017-18 to be used in the determination of the SROG Year-End Settlement for Fiscal Year 2017-18.

Please refer to **Agenda Item #4C**.

D. **SROG Annual Calibration and Flow Audit Report for 2018**

At their August 16, 2018 meeting, the SROG Advisory Committee recommended that the SROG Committee accept the SROG Annual Calibration and Flow Audit Report as fulfilling the provisions of Exhibit G of Addendum No. 4 to the JEPA for 2018.

Please refer to **Agenda Item #4D**.

E. **Recommendation to Execute a Contract with Water Works – Tres Rios Metering Upgrades**

At their August 16, 2018 meeting, the SROG Advisory Committee recommended that the SROG Committee authorize the City of Phoenix to select from engineering consulting on-call contracts, negotiate scope of work and fee, and enter into a contract with Water Works for an amount not to exceed $120,000 to provide professional engineering services related to the Tres Rios Effluent Flow Metering Upgrades.

Please refer to **Agenda Item #4E**.

F. **Recommendation to Enter into a Contract with SRP – Unified and Tres Rios Substation Improvements**

At their August 16, 2018 meeting, the SROG Advisory Committee recommended that the SROG Committee authorize the City of Phoenix to enter into a contract with SRP for an amount not to exceed $2,578,611 to provide Design and Construction services related to the 91st Avenue Unified and Tres Rios Substation Improvements.

Please refer to **Agenda Item #4F**.
G. Recommendation to Approve the 91st Avenue WWTP Facilities Rehabilitation Project

At their August 16, 2018 meeting, the SROG Advisory Committee recommended to the SROG Committee that the City of Phoenix be authorized to move $10 million of the Facilities Rehabilitation project from a Planned Project in the SROG CIP Cash Flow to a Current Project.

Please refer to Agenda Item #4G.

H. Recommendation to Approve the 91st Ave WWTP Fire and Life Safety Project

At their August 16, 2018 meeting, the SROG Advisory Committee recommended to the SROG Committee that they approve the Fire and Life Safety Project and that the City of Phoenix be authorized to utilize funds budgeted for an amount not to exceed $4,000,000.00.

Please refer to Agenda Item #4H.


This is a standing agenda item in the event the Committee should discuss the JEPA negotiations.

6. Meeting of the SROG Advisory Committee

A meeting of the SROG Advisory Committee was held on August 16, 2018.

Please refer to the agenda and minutes for this meeting, Agenda Item #6.

7. Future Agenda Items

8. Adjournment

*The order of the agenda may be altered or changed by the SROG Managers Committee. More information about AMWUA and SROG public meetings is available in the AMWUA office, online at* [www.amwua.org/what-we-do/public-meetings](http://www.amwua.org/what-we-do/public-meetings), *or by request.*
1. Call to Order

Mr. Biesemeyer called the meeting to order at 10:49 a.m.

2. Approval of the Minutes from the May 9, 2018 Meeting

Upon a motion by Mr. Johnson, a second by Ms. Kennedy, and unanimous approval, the SROG Committee approved the minutes of the May 9, 2018 meeting.

3. Set Next Meeting Date

The regularly scheduled SROG Committee meeting in July was cancelled. The next meeting will be held on Wednesday, August 8, 2018.

4. Consideration of Items for Consent

Ms. Kennedy made a motion to approve the following item for consent:

A. Recommendation to Authorize the City of Phoenix to Enter into a Contract with PEC to Provide Services Related to the Rehabilitation of the Inlet Structure of the Southern Avenue Interceptor (SAI) 51st Avenue Siphons

At their May 17, 2018 meeting, the SROG Advisory Committee recommended that the SROG Committee authorize the City of Phoenix to select from engineering consulting on-call contracts, negotiate scope of work and fee, and enter into a contract with Project
Engineering Consultants (PEC) for an amount not to exceed $45,000 to provide services related to the rehabilitation of the Inlet Structure of the Southern Avenue Interceptor (SAI) 51st Avenue Siphons. Funds for these services are available in the SROG CIP Cash Flow in Fiscal Years 2018-19, Project Number WS901060100, Billing Schedule 62 (31.42% Mesa, 52.31% Phoenix, and 16.27% Tempe).

B. Recommendation to Accept New Project Number for Tres Rios

The SROG Advisory Committee recommended by email, after discussion of the matter at their May 17, 2018 meeting, to accept new Project Number WS90140016 for the Tres Rios Environmental Habitat Restoration project, using Billing Schedule 56 (6.45% Glendale, 14.29% Mesa, 55.16% Phoenix, 9.9% Scottsdale, and 14.20% Tempe), and to authorize that the funds budgeted in WS90140006 for Fiscal Year 2018-19 be moved to Project Number WS90140016.

Mr. West seconded the motion, which was unanimously approved.


There was no discussion on this item.

6. Meeting of the SROG Advisory Committee

There was no discussion on this item.

7. Future Agenda Items/Comments

There were no items requested for future agendas.

8. Election of Officers

The JEPA requires that each year the Committee choose a Chair and Vice-Chair. If the normal rotation of officers is followed, Ms. Holly Rosenthal, City of Tempe, will become Chair and Mr. Dennis Porter, City of Phoenix, will become Vice-Chair.

Upon a motion by Ms. Kennedy, a second by Mr. Biesemeyer, and unanimous approval, the Committee elected Ms. Holly Rosenthal, City of Tempe, as Chair, and Mr. Dennis Porter, City of Phoenix, as Vice-Chair.

9. Adjournment

Mr. Biesemeyer adjourned the meeting at 10:53 a.m.
September 5, 2018

TO:       Members of the SROG Committee

FROM:     Michelle Barclay, SROG Program Coordinator

SUBJECT:  RECOMMENDATION TO ENTER INTO A CONTRACT CHANGE ORDER RELATED TO THE IMPROVEMENT OF THE CITY OF SCOTTSDALE PRINCESS METERING STATION

This request would authorize the City of Phoenix to implement a change order related to the repair of the City of Scottsdale Princess Metering Station not to exceed $30,331. The cost will be billed 100% to the City of Scottsdale.

In March 2016, the SROG Committee authorized the City of Phoenix to enter into a contract and act as project manager in conjunction with the City of Scottsdale to make improvements to the Princess Metering Station. In the original scope the flume was to be demolished and re-built which will help migrate the station to S::CAN technology in the future. The scope also included the construction of a bypass pipeline, improving flume channel conditions, and modifying the area around the ADFM so that divers will not have to be utilized for meter removal and installation.

The current request is to adjust Wilson Engineering’s design services to increase the scope of work to study bypass pipeline alternatives, modify the channel design, modify the channel cover design, relocate the laser flow meters, and redesign the air handling design of the Scottsdale Princess Metering Station.

The City of Scottsdale is aware of and approves of the change order for this work.

RECOMMENDATION

At their August 16, 2018 meeting, the SROG Advisory Committee:

recommended to the SROG Committee that Phoenix be authorized to enter a contract Change Order on Scottsdale’s behalf. The Change Order is for additions to the scope, fee and schedule for repair of the City of Scottsdale Metering Station for an amount not to exceed $30,331.00. Funds for these services are in the SROG CIP Cash Flow in Fiscal Year 2018-19. The Project Number is WS90100094-2 and will be billed per Billing Schedule 46B (100% Scottsdale).
September 5, 2018

TO: Members of the SROG Committee

FROM: Michelle Barclay, SROG Program Coordinator

SUBJECT: AUTHORIZATION OF A CREDIT TO THE CITY OF MESA FOR THE APPLICATION OF FERROUS CHLORIDE

This request would authorize a credit to be given to the City of Mesa to account for the cost of the ferrous chloride that they are using for the benefit of SROG cities for odor control. The same type of credit is being given to the City of Phoenix and was approved by this committee at the November 8, 2017 meeting.

RECOMMENDATION

At their August 16, 2018 meeting, the SROG Advisory Committee recommended that:

the SROG Advisory Committee recommended that the SROG Committee accept the allocation of the ferrous chloride costs for odor control that Mesa supplies for the benefit of the SROG cities based upon the overall capacity ownership percentage of the entire length of the SAI as follows: Glendale 1.29%, Mesa 0%, Phoenix 58.94%, Scottsdale 5.34%, and Tempe 34.43%). These costs will be billed through the O&M budget. The overall SAI ownership percentages have been revised based on updated SAI and SRO segment length data that has been agreed upon by the SROG cities per the 2018 SROG Interceptor Ownership Capacity Evaluation Technical Memorandum dated March 2018 and prepared by Black & Veatch.

MB: dsp
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September 5, 2018

TO: Members of the SROG Committee
FROM: Michelle Barclay, SROG Program Coordinator
SUBJECT: SROG ANNUAL YEAR-END FLOW AND LOADING REPORT FOR FISCAL YEAR 2017-18

As stated in the Year End Flow and Loading Report, the objectives of this report are to:

1. Determine the total wastewater flow and loading treated at the 91st Avenue WWTP.
2. Identify the most representative annual average daily flow (MGD) for each SROG city.
3. Identify the most representative annual average daily chemical oxygen demand and total suspended solids loadings for each SROG city.

This report is used to validate the actual flows and loadings each SROG city sends to the 91st Avenue WWTP. Throughout the fiscal year each city is billed monthly based on flows and strengths that were estimated at the beginning of the year. This report, after being reviewed and approved by each SROG city, constitutes the actual flows and strengths for the fiscal year and is used in the determination for the final charges for each city. This adjustment to actual is produced in a schedule entitled “SROG Year-End Settlement,” which is created by the City of Phoenix and audited by the SROG auditors.

RECOMMENDATION

At their August 16, 2018 meeting, the SROG Advisory Committee recommended that:

the SROG Committee accept the Year End Flow and Loading Report for FY 17-18 as prepared and presented by Black and Veatch.
September 5, 2018

TO: Members of the SROG Committee

FROM: Michelle Barclay, SROG Program Coordinator

SUBJECT: SROG ANNUAL CALIBRATION AND FLOW AUDIT REPORT FOR 2018

The annual calibrations were performed at the SROG metering stations by the SROG Calibration team, reviewed by Black and Veatch, and incorporated into the SROG Annual Calibration and Flow Audit Report for 2018. The SROG Planning and Engineering Committee reviewed the report on August 13, 2018 and the SROG Advisory Committee reviewed it and accepted the report on August 16, 2018.

The Year-End Flow and Loading Report is being recommended for acceptance as fulfilling the provisions of Exhibit G of Addendum No. 4 to the JEPA for 2018. Exhibit G establishes minimum standards for annually calibrating the SROG metering stations.

RECOMMENDATION

At their August 16, 2018 meeting, the SROG Advisory Committee recommended that:

the SROG Committee accept the Metering Station and Sampling Audit Report for FY 17-18 as presented by Black and Veatch.

MB:

h:\srog\SROG Annual Calibration and Flow Audit Report 2018.doc
September 5, 2018

TO:    Members of the SROG Committee

FROM:  Michelle Barclay, SROG Program Coordinator

SUBJECT:  RECOMMENDATION TO EXECUTE A CONTRACT WITH WATER WORKS – TRES RIOS METERING UPGRADES

This request would authorize the City of Phoenix to select from engineering consulting on-call contracts, negotiate a scope of work and fee, and enter into a contract with Water Works for an amount not to exceed $120,000 to provide professional engineering services related to the Tres Rios Effluent Flow Metering Upgrades. The contract procurement would be through the on-call services contract with the City of Phoenix.

This project is to evaluate options to improve the compliance flow monitoring at the outlet of the Tres Rios Wetlands. The existing flow measurement is not accurate, suffering from a non-uniform approach, disruption at the gates and low flow split among multiple ADFMs. Upgrades are needed to confirm the volume discharged to the river and BIC, improve confidence in the numbers reported to the regulatory agencies, and improve the water balance within the Tres Rios Wetlands.

This project will be billed according to Billing Schedule 56.

RECOMMENDATION

At their August 16, 2018 meeting, the SROG Advisory Committee recommended that:

the SROG Committee authorize the City of Phoenix to select from engineering consulting on-call contracts, negotiate a scope of work and fee, and enter into a contract with Water Works for an amount not to exceed $120,000 to provide professional engineering services related to the Tres Rios Effluent Flow Metering Upgrades. Funds for these services are available in the SROG CIP Cash Flow in Fiscal Years 2018-19. The Project Number is WS90140016 and will be billed per Billing Schedule 56 (6.45% Glendale, 14.29% Mesa, 55.16% Phoenix, 9.9% Scottsdale, and 14.20% Tempe).

MB
h:\srog\Tres Rios metering upgrades
September 5, 2018

TO: Members of the SROG Committee

FROM: Michelle Barclay, SROG Program Coordinator

SUBJECT: RECOMMENDATION TO EXECUTE A CONTRACT WITH SRP – 91ST AVENUE WWTP SUBSTATION IMPROVEMENTS

This request would authorize the City of Phoenix to execute a contract with SRP not to exceed $2,578,611, for design and construction services for 69kV bus divider breakers and associated equipment, programming, and other services necessary for complete and functional substation transformer isolation systems at the SROG-owned Unified and Tres Rios Substations.

This project is necessary to provide reliable and redundant power. The existing facilities are unreliable in that any fault in either SRP substation, the overhead power wires between the substations, or at either plant substation results in cutting the power from both SRP substations. With the improvements, any fault in either SRP substation or any wire segment results in reconfiguring the isolation switch position to continue providing power.

This project will be billed according to Billing Schedule 56.

RECOMMENDATION

At their August 16, 2018 meeting, the SROG Advisory Committee recommended that:

the SROG Committee authorize the City of Phoenix to enter a contract with SRP for an amount not to exceed $2,578,611 to provide design and construction services related to the 91st Avenue Unified and Tres Rios Substation improvements. Funds for these services are available in the SROG CIP Cash Flow in Fiscal Years 2018-19 and 2019-20. The Project Number is WS90100097 and will be billed per Billing Schedule 56 (6.45% Glendale, 14.29% Mesa, 55.16% Phoenix, 9.9% Scottsdale, and 14.20% Tempe)
September 5, 2018

TO: Members of the SROG Committee

FROM: Michelle Barclay, Program Coordinator

SUBJECT: AUTHORIZATION TO APPROVE THE 91ST AVENUE WWTP FACILITIES REHABILITATION PROGRAM

This request would authorize the City of Phoenix to approve the 91st Avenue WWTP Facilities Rehabilitation Program project and move it from the planned section of the SROG CIP Cash Flow to the current projects section.

The rehabilitation projects scheduled for Fiscal Year 2018-19 focus on repairs in Building 2, to provide limited additional life to the boilers, repair the hot water loop piping couplings and expansion joints, and replace the corroded temperature control valves and piping. The rehabilitation projects to begin in Fiscal Year 2019-20 include independent projects identified in the facility assessment conducted by Arcadis such as the chemical feeds, odor control, and pre-treatment.

The City of Phoenix will use construction contract services from the city’s list of approved Job Order Contract contractors. This approval is limited to the utilization of the $10 million available in Project Number WS90100109 in the SROG CIP Cash Flow for Fiscal Years 2018-19 and 2019-20.

RECOMMENDATION

At their August 16, 2018 meeting, the SROG Advisory Committee recommended that:

the SROG Committee authorize the City of Phoenix to utilize funds budgeted in Project Number WS90100109 through the job order contract program for construction of rehabilitation projects as identified as part of the current Facility Assessment. Authorization to approve WS90100109 is limited to the utilization of the $10 million in funds available in the SROG CIP Cash Flow in Fiscal Years 2018-19 and 2019-20. The Project Number is WS90100109 and will be billed per Billing Schedule 56 (6.45% Glendale, 14.29% Mesa, 55.16% Phoenix, 9.9% Scottsdale, and 14.20% Tempe). Approval to use these funds in future fiscal years will occur with the approval and acceptance of the Ten Year Facility Rehabilitation Plan.
September 5, 2018

TO: Members of the SROG Committee

FROM: Michelle Barclay, Program Coordinator

SUBJECT: AUTHORIZATION TO APPROVE THE 91ST AVENUE WWTP FIRE AND LIFE SAFETY PROJECT

This request would authorize the City of Phoenix to approve the 91st Avenue WWTP Fire and Life Safety Project.

In February 2018, this Committee asked the City of Phoenix to move this project from the O&M Budget to the CIP Cash Flow. The resulting shift in funding was approved by this Committee at the March 2018 meeting.

The purpose of this project is to evaluate the existing fire detection and enunciation facilities in all structures at the 91st Avenue WWTP and the Tres Rios Wetlands for operability, functionality and conformance with current Phoenix Fire requirements and national fire codes. There are approximately 85 structures on the plant site that were investigated. American Fire, City of Phoenix Fire, and City of Phoenix staff are working together on this project to improve fire safety at the 91st Avenue WWTP.

The budget for this project is $4,000,000.00. Funds for this project are available in the SROG CIP Cash Flow in Fiscal Years 2018-19 through 2020-21.

RECOMMENDATION

At their August 16, 2018 meeting, the SROG Advisory Committee recommended that:

the SROG Committee approve the Fire Life and Safety Project and that Phoenix be authorized to utilize funds budgeted for an amount not to exceed $4,000,000.00. Funds for these services are available in the SROG CIP Cash Flow in Fiscal Years 2018-19 through 2020-21. The Project Number is WS90100106 and will be billed per Billing Schedule 56 (6.45% Glendale, 14.29% Mesa, 55.16% Phoenix, 9.9% Scottsdale, and 14.20% Tempe). Project WS90100106 was approved by the SROG Committee to be removed from the Fiscal Year 2018-19 O&M Budget and placed in the Cash Flow Estimate for Fiscal Year 2018-19 at the March 7, 2018 meeting.
SROG ADVISORY COMMITTEE
MEETING MINUTES
August 16, 2018

MEMBERS

Richard Sacks, Chair, Scottsdale
Phil Brown, Tempe
Brian Draper, Mesa
Ron Serio, Glendale
Patty Kennedy, Phoenix

OTHERS

Ron Ablin, Brown and Caldwell
Blaine Akine, Phoenix
Michelle Barclay, AMWUA
Andy Baumgardner, Phoenix
Dan Buhrmaster, Black & Veatch
Araceli Canez, Phoenix
Lance Cosby, Phoenix
Jeff Cowee, Phoenix
David Dieffenbach, Carollo
Tom Galeziewski, HDR
Tara Gonzales, Phoenix
Karla Guerra, Glendale
Andy Mally, Black & Veatch
John Masche, Phoenix
Bothlale Monametsi, Phoenix
Scott Mars, Scottsdale
Peter Olszewski, Black & Veatch
Leah Ray, Phoenix
Cindy Smith, Phoenix
Peter Torres, Phoenix

A. Call to Order

Mr. Sacks called the meeting to order at 1:30 p.m.

B. General Business – Items for Discussion and Possible Action

1. Approval of the Minutes from the May 17, 2018 Meeting

Upon a motion by Mr. Brown, a second by Mr. Draper, and unanimous approval, the SROG Advisory Committee approved the minutes from the May 17, 2018 meeting.

2. The next SROG Advisory Committee meeting was scheduled for Thursday, September 20, 2018, 1:30 p.m., at the AMWUA Office

3. Information Items
There were no comments on Items A, B, C, D, or E.

4. **91st Avenue WWTP Year End Flow and Loading Report for Fiscal Year 2017-18**

   Mr. Mally presented the FY17-18 Year End Flow and Loading Report. Mr. Mally presented this report to the SROG SPEC committee on August 9. He stated that they are looking into comments they have received from Glendale regarding flows at GL03.

   Mr. Mally stated that the overall flow to 91st Avenue averaged 135.12 mgd. He stated that overall everyone sent a little less flow than had been projected with the exception of Scottsdale which was slightly higher. Regarding COD, everyone was under projection with the exception of Phoenix which was slightly higher. Regarding TSS everyone was under projection with the exception of Scottsdale which was slightly higher.

   Mr. Serio asked if they expected the comments from Glendale to change this report. Mr. Mally responded that he cannot say at this point as they have only just received the data and they do not have enough information to make a change. Mr. Serio suggested waiting until everyone is certain the numbers won’t change to approve the report so it doesn’t have to be amended and approved a second time, and so that the resulting settlement doesn’t have to be redone as well. Mr. Sacks asked if this would delay the settlement a month. Ms. Kennedy said that it would. Ms. Canez stated that in order to meet the settlement deadline, the report needs to be approved now. She stated that the latest the report could be approved is two weeks.

   Mr. Mally stated that they could have the numbers revised in two weeks. Mr. Cowee stated that it is possible that Glendale’s meter slipped after calibration and as a result was not giving accurate readings from March through the end of the fiscal year. Mr. Serio stated that Glendale believes the meter was reading low. After some discussion about the practicality, timing and logistics of adjusting Glendale’s meters and recording new data to verify this issue, Ms. Kennedy pointed out that it still won’t be possible to go back and get exact data from the period in question. Ms. Kennedy suggested accepting this report as is for FY17-18 as this is the best data available, and that any adjustments that need to be made can start on July 1 for FY18-19 going forward. Mr. Serio stated that this would be an acceptable solution as long as we are clear we are accepting the report as is.

   Upon a motion by Ms. Kennedy, a second by Mr. Brown, and unanimous approval, the SROG Advisory Committee recommended to the SROG Committee that the Year End Flow and Loading Report for FY 17-18 be accepted as prepared and presented by Black and Veatch.

5. **SROG Metering Station Annual Calibration and Flow Audit Report for Fiscal Year 2017-18**

   Mr. Mally presented the SROG Metering Station Annual Calibration and Flow Audit Report for Fiscal Year 2017-18. Mr. Mally had presented this report to the SROG SPEC Committee
on August 9. He stated that he went back and reviewed Tempe’s data at the request of Mr. Brown, reviewing data from October, November and February. There were periods where there was no data and in the report where it is not specifically stated as historical data, there was an audit done and the data was replaced with other data from a similar time period. Mr. Brown stated that the audited data was then more accurate than the historical data; Mr. Mally confirmed that it is.

Mr. Mally described the calibration process. Mr. Sacks asked if we are going to stick with 2% variance as acceptable or if we are going to reduce that as we move to using the laser meters. Mr. Mally stated he expected they would stick with the 2% unless there was a compelling reason to change it. Ms. Kennedy stated that this decision was probably a discussion for the TAC Committee.

Mr. Mally stated that maintaining 24/7 data feed with the meters is a challenge due to communication issues. He shared that the 32 point look up tables provide more flexibility for defining site specific flume curves than the 11 point tables. And he stated that maintaining the SROG flow meters requires a full-time person responsible for the day to day maintenance and troubleshooting. Black and Veatch is recommending continuing to calibrate the 13 SROG meters, the 91st Avenue WWTP, and 3 non-SROG meters annually. They also suggest considering including the inline meters in annual calibration activities and replacing the ADFM meters with laser meters. He also suggested assigning personnel from each city to monitor SMIS daily for meter status and other issues, and updating individual contacts for each city regarding each metering station.

Mr. Mally stated that as they presented to the TAC Committee they are recommending moving to laser meters as the manufacturer is phasing out the ADFM meters.

Upon a motion by Ms. Kennedy, a second by Mr. Serio, and unanimous approval, the SROG Advisory Committee recommended to the SROG Committee that the Metering Station and Sampling Audit Report for FY 17-18 be accepted as presented by Black and Veatch.

6. Scottsdale Metering Station Change Order

Mr. Sacks stated that Scottsdale is asking for a Change Order for their metering station improvements. They would like to adjust Wilson Engineering’s design services contract fee due to addition to the scope of services for improvements to the City of Scottsdale Princess Metering Station. The change order would be not to exceed $30,331 and would only impact the City of Scottsdale.

Upon a motion by Ms. Kennedy, a second by Mr. Sacks, and unanimous approval, the SROG Advisory Committee recommended to the SROG Committee that Phoenix be authorized to enter a contract Change Order on Scottsdale’s behalf. The Change Order is for additions to the scope, fee and schedule for repair of the City of Scottsdale Metering
Station for an amount not to exceed $30,331.00. Funds for these services are in the SROG CIP Cash Flow in Fiscal Year 2018-19. The Project Number is WS90100094-2 and will be billed per Billing Schedule 46B (100% Scottsdale).

7. 91st Ave WWTP SRP Substation Improvements

Mr. Cosby of the City of Phoenix explained that the way the 91st Ave WWTP is set up we thought we had redundancy in the electrical system but we do not. He gave examples of scenarios that could cause a power outage at 91st Avenue that would result in reliance on SRP to respond quickly and get the plant back up and running. An electrical fault at either SRP substation, the overhead power wires between the substations, or at either plant substation would result in cutting power from both SRP substations. He stated that there is a potential for damaging the equipment at the plant should this happen. Mr. Cosby presented a proposed solution of adding two new breakers.

Mr. Draper asked if Ms. Kennedy had checked on the cash flow regarding prior work on this issue. Ms. Kennedy stated that they are good on the prior work and that what is being collected now is a tiny bit on the prior work and on the proposed new work. Ms. Kennedy stated that this project is budgeted for FY 18-19 and FY 19-20 and that they will probably have to move some of those funds from the latter part of FY 19-20 into an earlier time frame, but they will look at other projects that have not moved as quickly and move them further back, which is a normal part of the cash flow adjustments they make every six months to keep the total below the approved amount. She stated that we have money for this project scheduled out in January-June of 2020 and she will try to move as much of that money into earlier time frames as possible. Mr. Draper responded that their budget for this year is set. Ms. Kennedy stated that this type of adjustment is what we do every year. Mr. Draper responded that he has to go on record, because if things go out of whack and Mesa gets double-billed again people will notice. Ms. Kennedy stated that every year the bottom line stays the same despite adjustments and they will work to keep the bottom line the same this year as well.

Mr. Sacks said that his experience is that it can be difficult to get SRP out to start work so it is possible the timing of the cash flow may not have to be adjusted very much.

Upon a motion by Ms. Kennedy, a second by Mr. Brown, and unanimous approval, the SROG Advisory Committee recommended to the SROG Committee that Phoenix be authorized to enter a contract with SRP for an amount not to exceed $2,578,611 to provide Design and Construction services related to the 91st Avenue Unified and Tres Rios Substation Improvements. Funds for these services are available in the SROG CIP Cash Flow in Fiscal Years 2018-19 and 2019-20. The Project Number is WS90100097 and will be billed per Billing Schedule 56 (6.45% Glendale, 14.29% Mesa, 55.16% Phoenix, 9.9% Scottsdale, and 14.20% Tempe)
8. **Tres Rios Flow Metering Upgrades**

Mr. Baumgardner of the City of Phoenix explained that there have been challenges with metering accuracy, especially during lower flows. The City of Phoenix is proposing engineering services to improve the numbers that are sent to the state and have a better overall handle on the wetlands water balance.

Mr. Draper stated that the cash flow has $100,000 budgeted and this request is for $120,000. Ms. Kennedy stated that she will look into whether there was anything left from six months ago because she always takes into account what we have budgeted for this year and it is hard to believe she would have shorted it that much.

Upon a motion by Ms. Kennedy, a second by Mr. Serio, and unanimous approval, the SROG Advisory Committee recommended to the SROG Committee that Phoenix be authorized to select from engineering consulting on-call contracts, negotiate scope of work and fee, and enter into a contract with Water Works for an amount not to exceed $120,000 to provide professional engineering services related to the Tres Rios Effluent Flow Metering Upgrades. Funds for these services are available in the SROG CIP Cash Flow in Fiscal Years 2018-19. The Project Number is WS90140016 and will be billed per Billing Schedule 56 (6.45% Glendale, 14.29% Mesa, 55.16% Phoenix, 9.9% Scottsdale, and 14.20% Tempe).

9. **SROG 5-Year Support Services Agreement Renewal**

Mr. Cowee of the City of Phoenix stated that the City of Phoenix is requesting authorization to advertise, select and negotiate the SROG Support Services contract for three years plus a two year extension for a total of five years. The previous contract was for $450,000 per year, and for this period Phoenix is requesting a budget of $550,000 per year for each of five years. Additionally, Phoenix is requesting $100,000 per year for the first three base years for special programming services to purchase updated programs, purchase licenses, and write updates to software interfaces for the 91st Avenue WWTP. The updated programming is needed to conform to changes in needed network security architecture and protocols, and to incorporate programming updates to display updated billing and inline meter station data gathering.

Mr. Brown asked about the expense related to special requests. Mr. Cowee responded that it has been in the range of $25,000-$45,000 per year and he said that they tend to run out of the special request budget usually about half or two-thirds of the way through the year and they reserve the special cases budget for the end of the year. Mr. Cowee stated that special requests can be initiated by any city and gave an example of a special request of Tempe asking them to go back and check missing data.

Upon a motion by Ms. Kennedy, a second by Mr. Brown, and unanimous approval, the SROG Advisory Committee recommended to the SROG Committee that the City of Phoenix be authorized to select from engineering consulting on-call contracts, negotiate scope of work and fee, and enter into a contract with Water Works for an amount not to exceed $120,000 to provide professional engineering services related to the Tres Rios Effluent Flow Metering Upgrades. Funds for these services are available in the SROG CIP Cash Flow in Fiscal Years 2018-19. The Project Number is WS90140016 and will be billed per Billing Schedule 56 (6.45% Glendale, 14.29% Mesa, 55.16% Phoenix, 9.9% Scottsdale, and 14.20% Tempe).
Phoenix be authorized to advertise, select a consultant, and negotiate scope of work and fee for professional services for an amount not to exceed $3.05 million over 5 years to provide on-going SROG support services. Funds for these services will be billed in the 91st Avenue WWTP Operating Budget for Fiscal Years 19-20 thru 23-24.

10. **SAI Odor Control – Ferrous Chloride Cost Allocation Revision**

Ms. Smith of the City of Phoenix stated that since SROG is giving the City of Phoenix a credit for the application of ferrous chloride, this should also be done for the City of Mesa. Ms. Smith explained the cost sharing of the credit to Mesa based on the revised calculation of the ownership of the entire SAI with the City of Mesa’s share of the cost set to zero.

Mr. Draper stated that the City of Mesa has had to provide invoices and data in order to receive this credit and he asked that the City of Phoenix submit the same data to the rest of the SROG cities in the interest of transparency regarding the credit they are receiving.

Upon a motion by Ms. Kennedy, a second by Mr. Draper, and unanimous approval, the SROG Advisory Committee recommended that the SROG committee accept the allocation of the ferrous chloride costs for odor control that Mesa supplies for the benefit of the SROG cities based upon the overall capacity ownership percentage of the entire length of the SAI as follows: Glendale 1.29%, Mesa 0%, Phoenix 58.94%, Scottsdale 5.34%, and Tempe 34.43%). These costs will be billed through the O&M budget. The overall SAI ownership percentages have been revised based on updated SAI and SRO segment length data that has been agreed upon by the SROG cities per the 2018 SROG Interceptor Ownership Capacity Evaluation Technical Memorandum dated March 2018 and prepared by Black & Veatch.

11. **91st Avenue Facilities Rehabilitation**

Mr. Masche of the City of Phoenix explained that there are concerns with the boilers in Building 2, with both boilers needing repairs. He stated that at least one boiler needs to be in service by October, but both boilers will need to be replaced eventually. There are also issues with the hot water loop piping. Concerns were identified under the Brown & Caldwell assessment, investigation identified 28 locations of concern. The recommendation is to replace coupling and expansion joints which will delay or possibly eliminate the need for full replacement of the hot water loop. Work on the hot water loop piping must also be complete by October for the hot water loop to be in service. Mr. Masche stated that the temperature control valves and adjacent piping also need to be replaced.

Mr. Masche said that in FY 19-20 they plan to begin work on the independent items that were identified in the facilities assessment, the most important of those being the chlorine rehabilitation at both the unified plant and the existing plant and then working
down the list of highest priority projects. These projects include: chemical feed common – chlorine, chemical unified – chlorine, pre-treatment unified, finished water plant 3, odor control unified, finished water plant 1, finished water plant unified, chemical feed common – ferric, chemical feed common – bleach, and pre-treatment common. The City of Phoenix is requesting approval to utilize funds not to exceed $10 million, from project WS90100109. $2 million is budgeted in FY 18/19, and $8 million is budgeted in FY 19/20.

Mr. Draper asked if we are creating a new project number in order to keep the planned money out in future years. Ms. Kennedy responded that it will be like other projects where we move the project above the line with a note that only a certain amount is approved. She stated that the work that will be done in future years will involve large dollar numbers and everyone will be involved in the process. Mr. Serio stated that he assumes that these projects are all high priority coming out of the facility assessment. Ms. Kennedy confirmed that this is the case.

Mr. Sacks asked if this is all JOC work. Mr. Masche responded that it is.

Upon a motion by Ms. Kennedy, a second by Mr. Serio, and unanimous approval, the SROG Advisory Committee recommended to the SROG Committee that Phoenix be authorized to utilize funds budgeted in project number WS90100109 through the job order contract program for construction of rehabilitation projects as identified as part of the current Facility Assessment. Authorization to approve WS90100109 is limited to the utilization of the $10 million in funds available in the SROG CIP Cash Flow in Fiscal Years 2018-19 and 2019-20. The Project Number is WS90100109 and will be billed per Billing Schedule 56 (6.45% Glendale, 14.29% Mesa, 55.16% Phoenix, 9.9% Scottsdale, and 14.20% Tempe). Approval to use these funds in future fiscal years will occur with the approval and acceptance of the Ten Year Facility Rehabilitation Plan.

12. **91st Avenue WWTP Fire and Life Safety**

Ms. Kennedy explained that when the Fire and Life Safety project was moved from the O&M budget to CIP we talked about moving it above the line to an approved project. She noted that an official motion is needed to authorize this project.

Upon a motion by Ms. Kennedy, a second by Mr. Draper, and unanimous approval, the SROG Advisory Committee recommended to the SROG Committee that they approve the Fire Life and Safety Project and that Phoenix be authorized to utilize funds budgeted for an amount not to exceed $4,000,000.00. Funds for these services are available in the SROG CIP Cash Flow in Fiscal Years 2018-19 through 2020-21. The Project Number is WS90100106 and will be billed per Billing Schedule 56 (6.45% Glendale, 14.29% Mesa, 55.16% Phoenix, 9.9% Scottsdale, and 14.20% Tempe). Project WS90100106 was approved by the SROG Committee to be removed from the Fiscal Year 2018-19 O&M Budget and placed in the Cash Flow Estimate for Fiscal Year 2018-19 at the March 7, 2018 meeting.
13. **Election of Officers**

Mr. Sacks stated that if the normal rotation of officers is followed, Mr. Brown, City of Tempe, would become the Chair, and Ms. Kennedy, City of Phoenix, would become the Vice Chair for the upcoming fiscal year.

Upon unanimous approval, the SROG Advisory Committee elected Mr. Phil Brown, City of Tempe, as Chair, and Ms. Patty Kennedy, City of Phoenix, as Vice-Chair for Fiscal Year 2018-19.

**C. Future Agenda Items**

There were no requests for future agenda items.

**D. Adjournment**

Upon a motion by Mr. Sacks, a second by Mr. Serio, and unanimous approval, the meeting adjourned at 2:59 p.m.