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

November 6, 2019

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

FROM: Mr. Nazario Prieto, Chair, Phoenix

SUBJECT: **MEETING NOTICE AND AGENDA**

Wednesday, November 13, 2019 – 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 September 11, 2019 Meeting

   Please refer to Agenda Item #2

3. Schedule Next Meeting Date: Wednesday, December 11, 2019, 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 Adopt the 91st Avenue WWTP Influent Flow and Loading Projections for Fiscal Year 2020-21

      At their October 17, 2019 meeting, the SROG Advisory Committee recommended that the SROG Committee adopt the 91st Avenue WWTP influent flow and loading projections for Fiscal Year 2020-21.

      Please refer to Agenda Item #4A.

B. Recommendation to Utilize the On-Call Contract with Brown & Caldwell – Design and CA&I Services for Tres Rios Rehab and Replacement

At their October 17, 2019 meeting, the SROG Advisory Committee recommended that the SROG Committee authorize the City of Phoenix to utilize on-call contract with Brown and Caldwell for an amount not to exceed $120,000 to provide Design and CA&I services related to the Tres Rios Rehab and Replacement project.

Please refer to Agenda Item #4B.

C. Authorization to Exercise the Third Option of the 1994 Agreement with the Buckeye Irrigation Company

At their October 17, 2019 meeting, the SROG Advisory Committee recommended that the SROG Committee authorize the City of Phoenix to exercise the third option of the 1994 agreement with the Buckeye Irrigation Company to provide 20,000 acre-feet of SROG effluent.

Please refer to Agenda Item #4C.

5. Joint Exercise of Power Agreement (JEPA) Negotiations

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 October 17, 2019.

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, or by request.

AGENDA ITEM #2

SUB-REGIONAL OPERATING GROUP COMMITTEE

MEETING MINUTES

September 11, 2019

MEMBERS

Nazario Prieto, Chair, Phoenix
Brian Biesemeyer, Scottsdale
Craig Johnson, Glendale
Chris Hassert for Jake West, Mesa
Holly Rosenthal, Tempe

OTHERS

Michelle Barclay, AMWUA
Brian Draper, Mesa
Tara Gonzales, Phoenix
Gary Whitten, GHD

1. Call to Order

Mr. Prieto called the meeting to order at 11:05 a.m.

2. Approval of the Minutes from the August 14, 2019 Meeting

Upon a motion by Mr. Johnson, a second by Mr. Biesemeyer, and unanimous approval, the SROG Committee approved the minutes of the August 14, 2019 meeting.

3. Set Next Meeting Date

The next meeting will be held on Wednesday, October 9, 2019.

4. Consideration of Items for Consent

Mr. West made a motion to approve the following item for consent:

A. Recommendation to Enter into a Contract with Arcadis - 91st Ave WWTP Facility Assessment Update

The SROG Committee authorized the City of Phoenix to enter into a contract with Arcadis using the existing Annual Services contract to update condition information of the assets

and facilities at 91st Ave, and to update the 10 year prioritized plan by determining type, scope, cost and timing of rehabilitation projects.

B. SROG Annual Year-End Flow and Loading Report for Fiscal Year 2018-19

The SROG Committee accepted the SROG Year-End Flow and Loading Report for Fiscal Year 2018-19 to be used in the determination of the SROG Year-End Settlement for Fiscal Year 2018-19.

C. SROG Annual Calibration and Flow Audit Report for 2019

The SROG Committee accepted the SROG Annual Calibration and Flow Audit Report as fulfilling the provisions of Exhibit G of Addendum No. 4 to the JEPA for 2019.

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

5. Joint Exercise of Powers Agreement (JEPA) Negotiations

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 was no discussion on this item.

8. Adjournment

Mr. Prieto adjourned the meeting at 11:07 a.m.

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AGENDA ITEM #4A

November 6, 2019

TO: Members of the SROG Committee

FROM: Michelle Barclay, SROG Program Coordinator

SUBJECT: RECOMMENDATION TO ADOPT THE 91ST AVENUE WWTP INFLUENT FLOW AND LOADING PROJECTIONS FOR FISCAL YEAR 2020-21

Each year the SROG cities make projections about how much flow and loadings they expect to send to the 91st Avenue WWTP. These projections are usually developed anywhere between four and nine months prior to the beginning of the fiscal year to which the projections relate. These projections are then used to develop the billing rates for that year.

The following is a table outlining, by SROG city, the projected flows, COD and TSS concentrations, and COD and TSS loadings. This table represents what each city is projecting to send to the 91st Avenue WWTP during Fiscal Year 2020-21.

91st Ave. WWTP Projected Influent Flow and Loadings – FY 20/21

SROG City	Flows (mgd)	COD Conc. (mg/L)	COD Loading (lbs/day)	TSS Conc. (mg/L)	TSS Loading (lbs/day)
Glendale	7.90	1,002	66,000	531	35,000
Mesa	18.00	875	131,355	475	71,307
Phoenix	83.50	848	590,500	381	265,000
Scottsdale	9.00	1,000	75,060	600	45,036
Tempe	19.00	660	104,584	210	33,277
SROG	**137.40**	**844**	**967,499**	**392**	**449,620**

These projections were reviewed by the SPEC Committee at their meeting on October 10, 2019 and found to be acceptable. The projections were then approved by the SROG Advisory Committee at their meeting on October 17, 2019.

The SROG Advisory Committee recommended that:

> the SROG Committee adopt the influent flow and loading projections for Fiscal Year 2020-21 as presented by Wilson Engineers.

AGENDA ITEM #4B

November 6, 2019

TO: Members of the SROG Committee

FROM: Michelle Barclay, SROG Program Coordinator

SUBJECT: AUTHORIZATION TO UTILIZE ON-CALL CONTRACT WITH BROWN & CALDWELL FOR DESIGN AND CONSTRUCTION ADMINISTRATION AND INSPECTION SERVICES FOR THE TRES RIOS REHABILITATION AND REPLACEMENT PROJECT

This request is seeking authorization to utilize the on-call contract with Brown & Caldwell for an amount not to exceed $120,000 to provide design and construction administration and inspection services for the Tres Rios Rehab and Replacement project.

There are issues with weir gate corrosion at Tres Rios, with one gate failing entirely. This project will include a complete corrosion study, with the goal of identifying some possible mitigation including replacing gates and actuators as necessary. As part of this project, irrigation at the Overbank will be addressed, as well as adding a card reader to the main entrance of Tres Rios. Currently there is a code used for entry, and it has occasionally gotten out, resulting in unauthorized access to the Wetlands by members of the public.

This project will be billed according to Billing Schedule 56.

RECOMMENDATION

At their October 17, 2019 meeting, the SROG Advisory Committee recommended that:

> the SROG Committee authorize the City of Phoenix to utilize on-call contract with Brown and Caldwell for an amount not to exceed $120,000 to provide Design and CA&I services related to the Tres Rios Rehab and Replacement project. Funds for these services are available in the SROG CIP Cash Flow in Fiscal Years 2019-20. The Project Number is WS90140016 and will be billed per Billing Schedule 56 (6.45% Glendale, 14.29% Mesa, 55.16% Phoenix, 9.90% Scottsdale, and 14.20% Tempe).

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AGENDA ITEM #4C

November 6, 2019

TO: Members of the SROG Committee

FROM: Michelle Barclay, Program Coordinator

SUBJECT: AUTHORIZATION TO EXERCISE THE THIRD OPTION OF THE 1994 AGREEMENT WITH THE BUCKEYE IRRIGATION COMPANY (BIC)

This request is seeking authorization to exercise the third option of the 1994 agreement with the BIC to provide 20,000 acre-feet of SROG effluent from the 91st Avenue WWTP to the BIC per year for the term of the third option (January 1, 2021 to December 31, 2025).

This requested action is pursuant to a 1994 revised agreement with the BIC. The original agreement expired in 2011. The new agreement consists of four, five-year options for effluent sales covering the period 2011 through 2030.

At least one year prior to the BIC's deadline to exercise each option, the SROG cities shall collectively notify the BIC of the annual quantity of effluent to be available to the BIC during the following five-year period. The first notification by the SROG cities to BIC was required by December 31, 2009, and every five years thereafter, with the last notification deadline required by December 31, 2024.

According to the agreement, the total amount of effluent made available must be at least 20,000 acre-feet per year with a maximum of 40,000 acre-feet per year. This action will provide for 20,000 acre-feet per year for the third, five-year term.

RECOMMENDATION

At their October 17, 2019 meeting, the SROG Advisory Committee recommended that:

> the SROG Committee authorize the City of Phoenix to exercise the third option of the 1994 agreement with the Buckeye Irrigation Company to provide 20,000 acre-feet of SROG effluent from the 91st Avenue WWTP to the BIC regarding the terms of the agreement for the years 2021 through 2025.

AGENDA ITEM #6

SROG ADVISORY COMMITTEE

MEETING MINUTES

October 17, 2019

MEMBERS

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

OTHERS

Ron Ablin, Brown and Caldwell
Michelle Barclay, AMWUA
Andrew Baumgardner, Phoenix
Jerry Bish, Greeley and Hansen
Tara Gonzales, Phoenix
Joe Gorgan, Greeley and Hansen
Aaditya Raman, Stantec
Steve Todd, Wilson Engineers
Peter Torres, Phoenix
Steven Townsend, Arcadis

A. Call to Order

Ms. Kennedy 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 August 15, 2019 Meeting

   Upon a motion by Mr. Draper, a second by Mr. Brown, and unanimous approval, the SROG Advisory Committee approved the minutes from the August 15, 2019 meeting.

2. The next SROG Advisory Committee meeting was scheduled for Thursday, November 21, 2019, 1:30 p.m., at the AMWUA Office

3. Information Items

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

4. 91st Avenue WWTP Flow and Loading Projections for Fiscal Year 2020-21

Mr. Todd of Wilson Engineers gave a presentation regarding the 91st Avenue flow and load projections for FY 2020-21. Each of the SROG cities is expected to be about the same as FY 2019-20, although Mesa is expected to decrease as their increase in FY 2019-20 was temporary and due to a bypass from its plant. The projections for COD and TSS are projected to follow that pattern with similar values as FY 2019-20 with Phoenix seeing a slight increase. Total flow is projected at a slight decrease, projected at under 140 mgd in total for FY 2020-21, with both COD and TSS projected to slightly increase.

Mr. Todd presented a 7-year projection. These values have been presented to the SPEC Committee.

Upon a motion by Ms. Kennedy, a second by Mr. Draper, and unanimous consent, the SROG Advisory Committee recommended to the SROG Committee that the influent flow and loading projections for Fiscal Year 2020-21 be adopted as presented by Wilson Engineers.

5. Tres Rios Rehab and Replacement

Mr. Baumgardner stated that there are issues with weir gate corrosion at Tres Rios, including one gate failure at Salt River. He stated that Phoenix would like to assess the gates and do a complete corrosion study. Phoenix would also like to address irrigation at the Overbank and add a card reader to the main entrance to Tres Rios, as the code periodically gets out and people have gained unauthorized entrance to the wetlands area.

Mr. Sacks asked what Mr. Baumgardner expects to find from the corrosion study. Mr. Baumgardner replied that they are looking for possible mitigation. Mr. Sacks stated that he expected the conclusion would be that the wrong materials have been used. Mr. Baumgardner responded that not all gates have corroded equally which is curious.

Upon a motion by Ms. Kennedy, a second by Mr. Sacks, and unanimous approval, the SROG Advisory Committee recommend to the SROG Committee that the City of Phoenix be authorized to utilize on-call contract with Brown and Caldwell for an amount not to exceed $120,000 to provide Design and CA&I services related to the Tres Rios Rehab and Replacement project. Funds for these services are available in the SROG CIP Cash Flow in Fiscal Years 2019-20. The Project Number is WS90140016 and will be billed per Billing Schedule 56 (6.45% Glendale, 14.29% Mesa, 55.16% Phoenix, 9.90% Scottsdale, and 14.20% Tempe).

6. Buckeye Irrigation Company Effluent Agreement

Ms. Gonzales reminded the committee that this item was discussed in SPEC 2 months ago. She stated that Option 3 of the Buckeye Irrigation Company Effluent Agreement is a 5 year option that covers 2021-2025. The contract amount remains at 20,000 AF/year.

Mr. Sacks asked if we know how much they took in past years. Ms. Kennedy responded that because of the gates we don't know exactly. Mr. Brown pointed out that even with accurate flow metering we would only know what we released and not what they took. Mr. Sacks confirmed that BIC is in fact getting billed for 20,000 AF/year; Ms. Kennedy responded that they are. Mr. Sacks asked if we have given any thought to what would happen if we were short on effluent because Palo Verde took all of their allotment while flows to the 91st Ave WWTP are decreasing. Ms. Gonzales responded that the Overbank and Tres Rios would then take the hit. Ms. Kennedy stated that this discussion may be appropriate for the next 5 year term if Kyrene or something else comes online.

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 exercise the third option of the 1994 agreement with the Buckeye Irrigation Company to provide 20,000 acre-feet of SROG effluent from the 91st Avenue WWTP to the BIC regarding the terms of the agreement for the years 2021 through 2025.

C. Future Agenda Items

There was no discussion of this item.

D. Adjournment

Upon a motion by Mr. Draper, a second by Mr. Brown, and unanimous approval, the meeting adjourned at 1:50 p.m.

MB/dsp
10-17-19 advisory minutes