



ENGINEERING SERVICES COMMITTEE MEETING

RAINBOW MUNICIPAL WATER DISTRICT

Wednesday, October 4, 2017

Engineering Services Committee Meeting - Time: 3:00 p.m.

District Office

3707 Old Highway 395

Fallbrook, CA 92028

Notice is hereby given that the Engineering Services Committee will be holding a regular meeting beginning at 3:00 p.m. on Wednesday, October 4, 2017.

AGENDA

1. **CALL TO ORDER**

2. **PLEDGE OF ALLEGIANCE**

3. **ROLL CALL: Timothy Prince (Chair)_____ Harry Stitle _____ (Vice Chair)**

Members: Tom Taufer _____ Helene Brazier _____
Robert Marnett _____ Mick Ratican _____
John Robertson Jr. _____

Alternates: Lee Kirby _____ Flint Nelson _____

4. **SEATING OF ALTERNATES**

5. **ADDITIONS/DELETIONS/AMENDMENTS TO THE AGENDA (Government Code §54954.2)**

6. **PUBLIC COMMENT RELATING TO ITEMS NOT ON THE AGENDA**

COMMITTEE ACTION ITEMS

*7. **APPROVAL OF MINUTES**

A. September 6, 2017

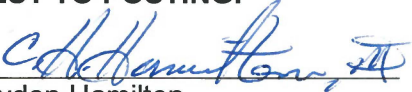
8. **HDR CONDITION ASSESSMENT PRESENTATION**

9. **AMI UPDATE**

10. **LIST OF SUGGESTED AGENDA ITEMS FOR THE NEXT SCHEDULED ENGINEERING SERVICES COMMITTEE MEETING**

11. ADJOURNMENT

ATTEST TO POSTING:



Hayden Hamilton
Secretary of the Board

9-29-17 @ 1:35 PM.

Date and Time of Posting
Outside Display Cases

**MINUTES OF THE ENGINEERING SERVICES COMMITTEE MEETING
OF THE RAINBOW MUNICIPAL WATER DISTRICT
SEPTEMBER 6, 2017**

1. **CALL TO ORDER** – The Engineering Services Committee Meeting of the Rainbow Municipal Water District on September 6, 2017 was called to order by Chairperson Prince at 3:00 p.m. in the Board Room of the District, 3707 Old Highway 395, Fallbrook, CA 92028. Chairperson Prince, presiding.

2. **PLEDGE OF ALLEGIANCE**

3. **ROLL CALL:**

Present: Member Prince, Member Stitle, Member Taufer, Member Brazier, Member Ratican, Member Robertson, Member Marnett.

Also Present: General Manager Kennedy, Engineering Manager Kirkpatrick, Associate Engineer Powers, Eng. Tech. Rubio.

Absent: Alternate Kirby.

There were six members of the public present. Mr. Walsh, Mr. Epps, Mr. Goodman (The Walsh Group), Mr. Walker (TWE), Mr. Nelson, Mr. Gasca.

4. **SEATING OF ALTERNATES**

There were no seating of alternates.

5. **ADDITIONS/DELETIONS/AMENDMENTS TO THE AGENDA (Government Code §54954.2)**

There were no changes to the agenda.

6. **PUBLIC COMMENT RELATING TO ITEMS NOT ON THE AGENDA**

There were no public comments.

COMMITTEE ACTION ITEMS

*7. **APPROVAL OF MINUTES**

A. August 2, 2017

Motion: Accept the minutes as amended.

Action: Approve, Moved by Member Brazier, Seconded by Member Stitle.

Vote: Motion carried by unanimous vote (summary: Ayes = 7).

Ayes: Member Prince, Member Stitle, Member Brazier, Member Taufer, Member Ratican, Member Robertson, Member Marnett.

8. MOOSA CREEK UPDATE FROM TORY WALKER ENGINEERING

Mr. Kennedy said Mr. Walker conducted an analysis of the impact of the I-15 construction along the Moosa Creek. Mr. Walker discussed the Moosa Creek condition pointing out the flow and sediment areas. He said to find the sources causing the sediment a hydro-modification was conducted. He mentioned one significant change that happened was the I-15 freeway. He pointed out the areas that have been channelized by the I-15 that cause the water runoff to flow quicker and at higher flows. He said the I-15 adds approximately 200 acres of impervious area. He said by using hydrologic modeling it has been concluded that I-15 has caused an increase in peak flow rate of no less than 10%. Discussion ensued.

Mr. Kennedy said the Moosa pipeline has been damaged many times in the past and as reflected on the analysis there will continue to be issues. He said based on the conclusive information the I-15 has contributed to the erosion and sedimentation of the Moosa Creek. He pointed out the model has concluded the issue with the high flows and how the channel can be stabilized. He would be working with Caltrans and CWA to obtain some storm water grant funding. Discussion ensued.

9. WALSH & ARCHER WESTER COMPANY PRESENTATION

Mr. Epps introduced The Walsh Group representatives and described the company's qualifications. He pointed out that the company specialized in alternate delivery; completing more than \$600M in design-build/alternate delivery water treatment systems in the past decade. He described the processes for the following alternative delivery options listing the positives and negatives:

- Design-Bid Build (DBB)
- Construction Management at Risk (CMAR)
- Progressive Design Build (GMB)
- Lump Sum Design Build
- Design build operate/finance (DBO/F/T)

Mr. Epps went over the selection process Statement of Qualifications (SOQ) or Short List and pointed out the pitfalls during the selection process. He mentioned it is important to include the estimator to meetings, due to the fact cost control was one of the most important items. He described examples of previous projects and how The Walsh Group has saved owners' funding. Discussion ensued.

Mr. Kennedy mentioned the strategic planning brought up the fact that the District does not have any local water and solely dependent on CWA and MET. He said the goal was to provide all the information to the Board to make an informative decision.

10. WATER POLICY

Mrs. Kirkpatrick said currently the water policy does not include a term for installation of a water meter after it is purchased. She was proposing to amend the water policy to include a two year term, and once the application expires the fees paid on the application would be refunded minus administrative costs. She explained this would avoid maintaining records for years until the applicant decides to install the meter. Discussion ensued.

DRAFT

DRAFT

DRAFT

11. AMI UPDATE

Mr. Kennedy said a meeting was scheduled next week with SDG&E, ITRON and ABM to discuss scheduling. He mentioned SDG&E has completed the security testing to block hackers. He said the project pilot program was scheduled to start by October / November 2017 for the installation of 300 meters. Discussion ensued.

12. DISCUSSION AND POSSIBLE ACTION REGARDING MEMBERSHIP

Mrs. Kirkpatrick said Mr. Nelson was in attendance and wanted to join the Engineering Committee as an alternate member.

Motion: Recommend to the Board to appoint Mr. Nelson as an alternate member to the Engineering Services Committee.

Action: Approve, Moved by Member Robertson, Seconded by Member Brazier.

Vote: Motion carried by unanimous vote (summary: Ayes = 7).

Ayes: Member Prince, Member Stitle, Member Brazier, Member Taufer, Member Ratican, Member Robertson, Member Marnett

13. LIST OF SUGGESTED AGENDA ITEMS FOR THE NEXT SCHEDULED ENGINEERING SERVICES COMMITTEE MEETING

The suggested agenda item was AMI.

14. ADJOURNMENT

The meeting was adjourned with a motion made by Member Robertson. Seconded by Member Brazier.

The meeting adjourned at Adjourned at 5:11 p.m.

Timothy Prince, Committee Chairperson

Dawn M. Washburn, Board Secretary