



**DUE TO THE COVID-19 STATE OF EMERGENCY AND PURSUANT TO WAIVERS TO CERTAIN BROWN ACT PROVISIONS UNDER THE GOVERNOR'S EXECUTIVE ORDERS, THIS MEETING IS BEING CONDUCTED VIA TELECONFERENCE AND THERE WILL BE NO PHYSICAL LOCATION FROM WHICH MEMBERS OF THE COMMITTEE OR PUBLIC MAY PARTICIPATE**

**MEMBERS OF THE COMMITTEE AND PUBLIC ARE TO PARTICIPATE IN THE COMMITTEE MEETING BY GOING TO <https://us02web.zoom.us/j/83388049663> OR BY CALLING 1-669-900-6833 or 1-346-248-7799 or 1- 253-215-8782 or 1-301-715-8592 or 1-312-626-6799 or 1-929-205-6099 (WEBINAR/MEETING ID: 833 8804 9663).**

MEMBERS OF THE PUBLIC WISHING TO ADDRESS THE COMMITTEE UNDER PUBLIC COMMENT OR ON A SPECIFIC AGENDA ITEM MAY SUBMIT WRITTEN COMMENTS TO OUR BOARD SECRETARY BY EMAIL AT [DWASHBURN@RAINBOWMWD.COM](mailto:DWASHBURN@RAINBOWMWD.COM) OR BY MAIL TO 3707 OLD HIGHWAY 395, FALLBROOK, CA 92028. ALL PUBLIC COMMENTS RECEIVED **AT LEAST ONE HOUR IN ADVANCE OF THE MEETING** WILL BE READ TO THE COMMITTEE DURING THE APPROPRIATE PORTION OF THE MEETING. THESE PUBLIC COMMENT PROCEDURES SUPERSEDE THE DISTRICT'S STANDARD PUBLIC COMMENT POLICIES AND PROCEDURES TO THE CONTRARY.

**ENGINEERING AND OPERATIONS COMMITTEE MEETING**

**RAINBOW MUNICIPAL WATER DISTRICT  
Wednesday, February 3, 2021  
Engineering and Operations Committee Meeting - Time: 3:00 p.m.**

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<b>District Office</b>	<b>3707 Old Highway 395</b>	<b>Fallbrook, CA 92028</b>
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Notice is hereby given that the Engineering and Operations Committee will be holding a regular meeting beginning at 3:00 p.m. on Wednesday, February 3, 2021.

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**AGENDA**

- 1. CALL TO ORDER**
- 2. PLEDGE OF ALLEGIANCE**
- 3. ROLL CALL: Flint Nelson (Chair) \_\_\_\_\_ Mick Ratican (Vice Chair) \_\_\_\_\_**  
**Members:** Helene Brazier \_\_\_\_\_ Robert Marnett \_\_\_\_\_ Mig Gasca \_\_\_\_\_  
**Alternates:** Tracy Largent \_\_\_\_\_
- 4. INSTRUCTIONS TO ALLOW PUBLIC COMMENT ON AGENDA ITEMS FROM THOSE ATTENDING THIS MEETING VIA TELECONFERENCE OR VIDEO CONFERENCE**


**CHAIR TO READ ALOUD** - *"If at any point, anyone would like to ask a question or make a comment and have joined this meeting with their computer, they can click on the "Raise Hand" button located at the bottom of the screen. We will be alerted that they would like to speak. When called upon, please unmute the microphone and ask the question or make comments in no more than three minutes.*

*Those who have joined by dialing a number on their telephone, will need to press \*6 to unmute themselves and then \*9 to alert us that they would like to speak.*

*A slight pause will also be offered at the conclusion of each agenda item discussion to allow public members an opportunity to make comments or ask questions."*

5. SEATING OF ALTERNATES
6. ADDITIONS/DELETIONS/AMENDMENTS TO THE AGENDA (Government Code §54954.2)
7. PUBLIC COMMENT RELATING TO ITEMS NOT ON THE AGENDA (Limit 3 Minutes)
- \*8. APPROVAL OF MINUTES
  - A. January 6, 2021
9. APPOINTMENT OF COMMITTEE OFFICERS
10. GENERAL MANAGER COMMENTS
11. DISTRICT ENGINEER COMMENTS
12. OPERATIONS MANAGER COMMENTS
13. COMMITTEE MEMBER COMMENTS
14. BOARD ACTION UPDATES
15. WATER SERVICE UPGRADE PROJECT (WSUP) UPDATE
16. BACKFLOW CHARGE INVESTIGATION PROCESS UPDATE
17. CIP STRATEGIC PLAN REVIEW
- \*18. AS-NEEDED SERVICES EXPENDITURES SUMMARY
19. LIST OF SUGGESTED AGENDA ITEMS FOR THE NEXT SCHEDULED ENGINEERING AND OPERATIONS COMMITTEE MEETING
20. ADJOURNMENT

**ATTEST TO POSTING:**

  
\_\_\_\_\_  
FOR: Pam Moss  
Secretary of the Board

1-28-21 @ 3:00 p.m.  
\_\_\_\_\_  
Date and Time of Posting  
Outside Display Cases

**MINUTES OF THE ENGINEERING AND OPERATIONS COMMITTEE MEETING  
OF THE RAINBOW MUNICIPAL WATER DISTRICT  
JANUARY 6, 2021**

1. **CALL TO ORDER** – The Engineering and Operations Committee Meeting of the Rainbow Municipal Water District on January 6, 2021 was called to order by Chairperson Nelson at 3:00 p.m. in the Board Room of the District, 3707 Old Highway 395, Fallbrook, CA 92028. Member Nelson, presiding.

2. **PLEDGE OF ALLEGIANCE**

3. **ROLL CALL:**

**Present:** Member Nelson (*via video conference*), Member Ratican (*via video conference*), Alternate Largent (*via video conference*).

**Absent:** Member Gasca, Member Marnett.

**Also Present Via Teleconference or Video Conference:**

General Manager Kennedy, Executive Assistant Washburn, Associate Engineer Powers, Acting District Engineer Williams, Information and Technology Manager Khattab, Operations Manager Gutierrez, Project Manager Tamimi, Engineering Technician Rubio, Information and Technology Specialist Espino.

Two members of the public were present via teleconference or video teleconference.

4. **INSTRUCTIONS TO ALLOW PUBLIC COMMENT ON AGENDA ITEMS FROM THOSE ATTENDING THIS MEETING VIA TELECONFERENCE OR VIDEO CONFERENCE**

Mr. Nelson read aloud the instructions for those attending the meeting via teleconference or video conference.

5. **SEATING OF ALTERNATES**

Ms. Largent was seated as an alternate.

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

There were no amendments to the agenda.

7. **PUBLIC COMMENT RELATING TO ITEMS NOT ON THE AGENDA (Limit 3 Minutes)**

There were no public comments.

**\*8. APPROVAL OF MINUTES**

**A. December 2, 2020**

***Motion:***

***To approve the minutes.***

***Action: Approve, Moved by Member Ratican, Seconded by Alternate Largent.***

***Vote: Motion carried by unanimous roll call vote (summary: Ayes = 3).***

***Ayes: Member Nelson, Member Ratican, Alternate Largent.***

**9. GENERAL MANAGER COMMENTS**

Mr. Kennedy thanked everyone for attending this meeting via Zoom, especially in light of the recent positive COVID tests as well as potential exposures among staff. He explained the main goal was to keep contact to a minimum and protect the district operations, staff as well as members of the public.

Mr. Nelson expressed concern for any employees who have contacted the virus and asked if anyone has become seriously ill. Mr. Kennedy explained the scenarios were mixed as well as mentioned the applications members of the IT staff has put into place for all employees to utilize for COVID-related reporting.

Mr. Kennedy updated the committee on the status of the CIP Strategic Plan noting it is intended to have a full review conducted at the February committee meeting.

**10. DISTRICT ENGINEER COMMENTS**

Mr. Williams updated the committee on the steps being taken to create the CIP Strategic Plan and how it will be brought to both this committee as well as the Budget and Finance Committee in advance of the committee February meetings prior to taking it to the Board for consideration.

Mr. Williams provided an update on the Gopher Canyon Pipeline project which is a part of the Pipeline Upgrade Project (PUP) project. He noted ISMND was required for this project and how these processes were already underway including notifications being mailed to each of the impacted customers.

Mr. Williams noted there were no additional comments to the two receive related to the Thoroughbred Lift Station. He noted responses have been provided to those comments. Mr. Kennedy pointed out outreach with the local tribes also went very smoothly.

**11. OPERATIONS MANAGER COMMENTS**

Mr. Gutierrez reported RMWD has experienced fifteen main breaks over a four-week span in December. He explained these were challenging to address due to a reduction in staff related to the recent COVID situation. He reported the North River Road Phase II was near completion. He explained some of the steps necessary to take at the North River Road worksite.

Discussion ensued regarding tubercles.

**12. COMMITTEE MEMBER COMMENTS**

Mr. Ratican inquired as to whether committee officers are to be selected during the January meetings. Ms. Washburn agreed to review the policy and would include a committee officer selection on the February committee agenda if deemed necessary.

Mr. Nelson stated although he understands the amount of time being spent on the CIP Strategic Plan was challenging; however, he believes it will be a tremendous benefit in the future. He thanked staff for their efforts.

**13. BOARD ACTION UPDATES**

Mr. Kennedy updated the committee on the actions taken by the Board at their December 8, 2020 meeting.

**14. WATER SERVICE UPGRADE PROJECT (WSUP) UPDATE**

Mr. Gutierrez reported the project was 38% complete. He pointed out during the recent breaks and COVID-related situations Concord was asked to focus more on backfilling until RMWD staff was able to place more focus on the project.

Mr. Kennedy described the steps taken when RMWD completes the required Water Loss Analysis. He noted the software also calculates the net cost of what the determined water loss. He stated RMWD has reduced its water loss which has resulted in a decrease of apparent losses totaling a net savings of \$578,000.

**15. POSSIBLE REFUNDING OF BACKFLOW TESTING CHARGES**

Mr. Kennedy thanked Mr. Marnett for highlighting this issue. He pointed out as staff dug deeper into the data, it was found there were some areas where improvements could be made including where customers who have backflow devices who are not being charged. He explained staff also found an anomaly with the data being entered into the software. He said although it appears there should be a simple resolve to the situation, there are additional steps that need to be taken before making a final determination. He said most importantly, it was necessary for the team to determine what has transpired, but also find a means to ensure there are no reoccurrence.

Mr. Nelson inquired as to whether those cases where customers are not being charged for backflow devices was due to RMWD not being made aware the devices were in place. Mr. Kennedy stated he did not believe so, but rather could be due to data conversion which the IT department was currently working on identifying a way where the error occurred as well as creating one primary reference. Discussion ensued regarding how this error would be communicated to the customers.

Mr. Nelson noted Mr. Marnett's concern was regarding some customers possibly being billed for backflow tests that did not take place. Mr. Kennedy explained based on the data, it does not show there were no backflow devices not tested for multiple years. He stated part of the process involves developing the information to present to the Board to consider a policy decision related to this matter. He also noted the input received from Legal Counsel regarding this matter. He concluded with noting before reaching a resolve, staff wants to make sure there is a full understanding of what occurred prior to the providing the Board with any range of options they may want to select.

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Ms. Largent noted staff was working with billing to eliminate any of the manual processes so when staff changes or SOP revisions occur, anytime the data does not align within the different software, it will trigger an alert for staff to address.

**16. SANEXEN WATER PIPE LINING PROJECT UPDATE**

Mr. Kennedy confirmed this was a pilot project. He summarized some of the challenges staff witnessed during the demonstrations.

Mr. Williams shared photographs and videos taken during the pilot testing process. Discussions ensued regarding what was transpiring in the photographs and videos.

Mr. Kennedy noted the testing plans will be completed prior to conducting any constructive testing.

**17. HUTTON AND TURNER PUMP STATION DESIGN UPDATE**

Mr. Williams shared the bid results for this project. He mentioned Mr. Ratican's evaluation score was taken into account. He pointed out six proposals were received with Hoch Consulting receiving the highest score. He said staff was prepared to go the Board in January with a request for authorization to enter into a Professional Services Agreement with Hoch Consulting for the design of the pump station. He shared the spreadsheet showing how each consultant scored individually.

Mr. Ratican expressed concern with the highest point total being assigned to meeting RMWD's work schedule. He said based on the information contained in their proposal, Hoch Consulting did not appear to be able to meet this requirement; however, some evaluators gave them the highest rating possible. Mr. Williams explained he had spoken with Hoch Consulting who assured him they would be able to meet the District's schedule. Mr. Ratican stressed the judging process should only be based on the information provided in the proposals and not on discussions held afterwards; therefore, he still questioned how staff rated Hoch Consulting so high in this category.

Mr. Williams pointed out there were other firms who provided very aggressive schedules that appeared well on paper, but he did not believe were achievable; therefore, he considered his past experience with Hoch Consultant and what they are capable of providing.

Mr. Ratican said after spending a great deal of time reviewing the Request for Proposals and how based on what he saw, the numbers do not make sense; however, they could make sense to others. He stated he was impressed with three of the proposals and that he did not have a problem with any of these three being selected. Mr. Kennedy acknowledged Mr. Ratican's concerns.

Mr. Nelson inquired as to whether staff was asking the committee to recommend the Board recommend the Board retain Hoch Consulting. Mr. Williams confirmed this was the request.

***Motion:***

***To recommend the Board retain Hoch Consulting for the Hutton Turner project.***

***Action: Approve, Moved by Alternate Largent, Seconded by Member Nelson.***

***Vote: Motion carried by unanimous roll call vote (summary: Ayes = 3).***

***Ayes: Member Nelson, Member Ratican, Alternate Largent.***

**\*18. AS-NEEDED SERVICES EXPENDITURES SUMMARY**

Mr. Nelson confirmed the report provided was in landscape format. He inquired about one item added to the list. Mr. Tamimi explained this was in relation to challenges being experienced with encroachment not allowing staff access meters which needed to be addressed. Mr. Williams confirmed this was the only addition to the summary since it was last reviewed by the committee.

Mr. Ratican inquired as to the costs associated with this easement. Mr. Tamimi explained after reviewing the remitted estimates and costs, staff used the information to determine the most cost effective and efficient option. Mr. Williams added this easement was not necessarily complex, but rather expands over multiple parcels including property that does not belong to the individual staking the claim. Mr. Gutierrez pointed out the individual was trying to not grant RMWD access to an easement located on his neighbor’s property; therefore, to validate RMWD’s authority to access the easement as well as determine if an encroachment has occurred, the first step would be to have the easement staked out to validate the area is RMWD’s easement and it is defined.

**19. LIST OF SUGGESTED AGENDA ITEMS FOR THE NEXT SCHEDULED ENGINEERING AND OPERATIONS COMMITTEE MEETING**

It was noted an update on the WSUP project, backflow investigation process, CIP Strategic Plan as well as the appointment of committee officers and process improvement discussion should be on the next committee agenda.

**20. ADJOURNMENT**

*The meeting was adjourned by Chairperson Nelson.*

The meeting adjourned at 4:34 p.m.

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**Flint Nelson, Committee Chairperson**

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**Dawn M. Washburn, Board Secretary**





**AS-NEEDED CONTRACT EXPENDITURES REPORT  
FEBRUARY 2021**

CONTRACT INFO	FUND SOURCE	ASSIGN. NO.	STATUS	ASSIGN. DATES	DESCRIPTION	AUTHORIZED AMOUNT	NOT TO EXCEED AMOUNT	INVOICED TO DATE	CURRENT BALANCE
<b>Title:</b> As-Needed Land Surveying Services	NON-CIP	2019-01	Closed	5/14/2019	Topography - Dentre De Lomas Road repair.		\$ 5,115.40	\$ 5,115.40	
<b>Firm:</b> Johnson-Frank & Assoc.	NON-CIP	2019-02	Closed	8/6/2019	Easement review - McDowell / Mead.		\$ 4,100.00	\$ 1,404.25	
<b>Expires:</b> 8/29/2021 (C#18-16)		2020-03	Closed	9/19/2020	Survey & Reset Monument Los Alisos Lane.		\$ 6,079.00	\$ 4,297.76	
						\$ 50,000.00	\$ 15,294.40	\$ 10,817.41	\$ 39,182.59
<b>Title:</b> As-Needed Land Surveying Services	NON-CIP	2018-01	Closed	9/11/2018	Stake easement on Morro Hills due to 20" watermain failure.		\$ 7,280.00	\$ 7,278.75	
<b>Firm:</b> KDM Meridian, Inc.	CIP	2019-02	Closed	1/9/2019	RMWD "Base Map" to perform in-house design of proposed water facilities on Via Ararat.		\$ 5,800.00	\$ 5,800.00	
<b>Expires:</b> 8/29/2021 (C#18-14)	CIP	2019-03	Cancelled	---	Assignment Cancelled - 4 PTR Plottable Easements.		\$ -	\$ -	
	CIP	2019-04	Closed	4/24/2019	Stake easement on Gird Road for construction project.		\$ 5,400.00	\$ 5,400.00	
	CIP	2019-05	Closed	6/18/2019	Legal and Plat for Campbell - Via Ararat.		\$ 1,195.00	\$ 1,195.00	
	NON-CIP	2019-06	Closed	10/24/2019	Stake easement on Via Oeste Drive and Laketree Drive.		\$ 10,900.00	\$ 7,725.00	
	CIP	2019-07	Closed	11/8/2019	Easements for new PS on W. Liac/Via Ararat.		\$ 4,100.00	\$ 1,100.00	
	NON-CIP	2020-08	Closed	4/6/2020	Linda Vista Drive - Mainline Break.		\$ 5,563.00	\$ 5,562.50	
	CIP	2020-09	Closed	4/6/2020	Gird Road - Winery easement anlysis and exhibit.		\$ 7,680.00	\$ 6,900.00	
	CIP	2020-10	Closed	9/1/2020	Additional Gird Road - Winery easement analysis and new exhibit.		\$ 5,320.00	\$ 5,320.00	
	CIP	2020-11	Closed	11/6/2020	Easement for Hialeah PRS - Via De La Reina.		\$ 3,990.00	\$ 2,545.00	
	NON-CIP	2020-12	Closed	12/3/2020	Stake easement - Winterhaven Court		\$ 4,490.00	\$ 3,527.50	
	NON-CIP	2020-13	Open	12/16/2020	Legal and Plat for Gird Road - Winery		\$ 5,460.00		
					Change Order 01 for \$50K	\$ 100,000.00	\$ 67,178.00	\$ 52,353.75	\$ 47,646.25
<b>Title:</b> As-Needed Land Surveying Services	NON-CIP	2019-00A	Closed	5/15/2019	Title Reports, Legals & Plats - Los Sicomoros.		\$ 7,705.00	\$ 7,705.00	
<b>Firm:</b> Right-of-Way Eng.	NON-CIP	2019-00B	Closed	6/18/2019	Adams Property Easement - Ranger Road.		\$ 1,885.00	\$ 1,885.00	
<b>Expires:</b> 8/29/2021 (C#18-15)	CIP	2019-00C	Closed	6/30/2019	Pardee Easement - North River.		\$ 2,875.00	\$ 2,875.00	
	NON-CIP	2019-01	Closed	6/19/2019	Easement Survey - Grove View Road.		\$ 4,220.00	\$ 3,285.00	
	CIP	2019-02	Closed	10/3/2019	Easement Survey - Pala Mesa/Tecalote/Fire Rd/Pala Lake.		\$ 15,640.00	\$ 15,451.30	
	CIP	2019-03	Closed	11/6/2019	Easement Survey - Moosa Creek Pump Station. Restake and reconfigure easement authorized additional \$525.		\$ 5,675.20	\$ 5,675.20	
	CIP	2020-04	Closed	2/19/2020	Lemonwood Easement Location.		\$ 5,370.00	\$ 4,390.00	
	CIP	2020-05	Closed	6/9/2020	Easement Survey - Hutton Pump Station.		\$ 5,687.50	\$ 4,577.50	
	CIP	2020-06	Closed	7/30/2020	Easement Survey - Rainbow Heights Rd - Calfire Camp Site .		\$ 5,756.00	\$ 4,177.60	
	CIP	2020-07	Closed	8/26/2020	Easement Survey - RHR - Calfire Camp Site Additional Services.		\$ 2,276.00	\$ -	
	CIP	2020-08	Closed	10/19/2020	Easement Survey - OHE Rancho Del Caballo.		\$ 1,620.00	\$ 1,445.00	
	CIP	2020-09	Closed	11/3/2020	Easement Survey - Rainbow Heights Rd. Westside - Calfire Camp Site.		\$ 11,521.00	\$ 8,449.20	
	CIP	2021-10	Open	1/11/2021	Topographic Survey - Rainbow Heights Road		\$ 8,820.00	\$ -	
	CIP	2021-11	Open	1/19/2021	Easement Survey-Skycrest Drive		\$ 7,710.00		
					Change Order 01 for \$50K	\$ 100,000.00	\$ 86,760.70	\$ 59,915.80	\$ 40,084.20
<b>Title:</b> As-Needed Civil Engineering Services	Both	2019-01	Closed	12/18/2019	PRS and other Schematic Design/Drafting Services.		\$ 10,000.00	\$ 7,527.50	
<b>Firm:</b> Dudek	CIP	2020-02	Closed	8/5/2020	Design of Hutton Pump Station Site - Assignment Cancelled.		\$ 1,787.50	\$ 1,787.50	
<b>Expires:</b> 6/25/2022 (C# 19-16)						\$ 150,000.00	\$ 11,787.50	\$ 9,315.00	\$ 140,685.00

**AS-NEEDED CONTRACT EXPENDITURES REPORT  
FEBRUARY 2021**

CONTRACT INFO	FUND SOURCE	ASSIGN. NO.	STATUS	ASSIGN. DATES	DESCRIPTION	AUTHORIZED AMOUNT	NOT TO EXCEED AMOUNT	INVOICED TO DATE	CURRENT BALANCE
<b>Title:</b> As-Needed Civil Engineering Services	NON-CIP	2019-01	Closed	7/16/2019	PS&E Pavement Repair - Dentre De Lomas.		\$ 8,890.00	\$ 8,890.00	
<b>Firm:</b> Omnis Consulting, Inc.	CIP	2019-02	Closed	8/1/2019	Olive Hill Estates Transmission Water Main.		\$ 73,700.00	\$ 73,700.00	
<b>Expires:</b> 7/01/2022 (C#19-17)	CIP	2019-03	Closed	10/14/2019	Vista Valley Retaining Wall Design.		\$ 23,495.00	\$ 23,040.67	
	CIP	2019-04	Closed	12/3/2019	Sarah Ann to Gird Road Force Main Replacement.		\$ 22,790.00	\$ 22,790.00	
	CIP	2020-05	Closed	3/24/2020	Gird Road Water Main Upsize.		\$ 21,120.00	\$ 21,120.00	
	CIP	2020-06	Open	8/5/2020	Caltrans Encroachment Permit Renewal.		\$ 6,410.00	\$ -	
	NON-CIP	2020-07	Open	10/14/2020	Standard Drawing - CAD Updates.		\$ 4,400.00	\$ -	
	NON-CIP	2020-08	Closed	10/29/2020	PEIR Pipe Alignment Analysis.		\$ 19,920.00	\$ 19,920.00	
					Change Order 01 for \$150K	\$ 300,000.00	\$ 180,725.00	\$ 169,460.67	\$ 130,539.33
<b>Title:</b> As-Needed Civil Engineering Services	CIP	2019-01	Open	12/18/2019	Live Oak Park Road Bridge Crossing.		\$ 42,020.00	\$ 27,145.00	
<b>Firm:</b> HydroScience Eng., Inc.									
<b>Expires:</b> 6/25/2022 (C#19-18)									
						\$ 150,000.00	\$ 42,020.00	\$ 27,145.00	\$ 122,855.00
<b>Title:</b> As-Needed Real Estate Appraisal Services	CIP	2019-01	Closed	9/19/2019	North River Rd Easement Appraisal.		\$ 3,500.00	\$ 3,500.00	
<b>Firm:</b> Anderson & Brabant, Inc.	CIP	2020-02	Closed	2/19/2020	PRS Fire Road Appraisal.		\$ 7,500.00	\$ 7,500.00	
<b>Expires:</b> 6/25/2022 (C# 19-19)									
						\$ 20,000.00	\$ 11,000.00	\$ 11,000.00	\$ 9,000.00
<b>Title:</b> As-Needed Real Estate Appraisal Services	NON-CIP	2019-01	Closed	7/15/2019	Bonsall Reservoir Appraisal (to include rent value).		\$ 3,050.00	\$ 3,050.00	
<b>Firm:</b> ARENS Group, Inc.	CIP	2020-02	Closed	1/7/2020	Moosa Creek Pump Station Easement Appraisal.		\$ 5,350.00	\$ 6,542.50	
<b>Expires:</b> 6/11/22 (C# 19-20)	CIP	2020-03	Closed	1/7/2020	Hutton Pump Station Easement Appraisal.		\$ 3,400.00	\$ 3,400.00	
						\$ 20,000.00	\$ 11,800.00	\$ 12,992.50	\$ 7,007.50
<b>Title:</b> As-Needed Geotechnical Services	CIP	2020-01	Closed	6/25/2020	Rainbow Heights Pump Station geotechnical exploration.		\$ 8,630.00	\$ 8,484.20	
<b>Firm:</b> Leighton Consulting, Inc.									
<b>Expires:</b> 11/13/2022 (C# 19-39)							\$ -	\$ -	
						\$ 100,000.00	\$ 8,630.00	\$ 8,484.20	\$ 91,515.80
<b>Title:</b> As-Needed Geotechnical Services	NON-CIP	2020-01	Closed	3/26/2020	Dentre De Lomas geotech observation and material testing.		\$ 6,518.00	\$ 1,369.00	
<b>Firm:</b> Ninyo & Moore G.E.S.		2020-02	Closed	8/6/2020	Vista Valley Villas PRS geotech observation and material testing.		\$ 10,235.00	\$ 7,136.00	
<b>Expires:</b> 11/1/2022 (C# 19-40)									
						\$ 100,000.00	\$ 16,753.00	\$ 8,505.00	\$ 91,495.00
<b>Title:</b> As-Needed Geotechnical Services	CIP	2020-01	Closed	7/7/2020	Olive Hills Estates Trans. Main geotech observation/field test.		\$ 36,619.00	\$ 17,563.00	
<b>Firm:</b> ATLAS (SCST, LLC)									
<b>Expires:</b> 11/20/2022 (C# 19-41)									
						\$ 100,000.00	\$ 36,619.00	\$ 17,563.00	\$ 82,437.00



