



moulton niguel water district

**ENGINEERING & OPERATIONS
BOARD OF DIRECTORS' MEETING
MOULTON NIGUEL WATER DISTRICT**

27500 La Paz Road, Laguna Niguel

November 14, 2016

8:30 AM

Approximate Meeting Time: 2 Hours

1. CALL MEETING TO ORDER
2. APPROVE THE MINUTES OF THE OCTOBER 17, 2016 ENGINEERING AND OPERATIONS BOARD OF DIRECTORS' MEETING

3. PUBLIC COMMENTS

Persons wishing to address the Board of Directors on matters not listed on the Agenda may do so at this time. "Request To Be Heard" forms are available at the entrance to the Board Room. Comments are limited to five minutes unless further time is granted by the Presiding Officer. Submit form to the Recording Secretary prior to the beginning of the meeting.

Those wishing to address the Board of Directors on any item listed on the Agenda should submit a "Request To Be Heard" form to the Recording Secretary before the Presiding Officer announces that agenda item. Your name will be called to speak at that time.

DISCUSSION ITEMS

4. Sewer Lining Construction Contract Award
5. Agreement Amendments for On-Call Professional Engineering Services

INFORMATION ITEMS

6. Easement and Quitclaim Policy
7. Quarterly Construction Progress Report
8. Quarterly Capital Improvement Program Report
9. Legislative & Regulatory Update
10. Operations Center Consolidation Improvement Project Update
11. Future Agenda Items (Any items added under this section are for discussion at future meetings only)

12. Late Items (Appropriate Findings to be Made)

- a. Need to take immediate action; and
- b. Need for action came to District's attention after Agenda Posting. [Requires 2/3 vote (5 members) or unanimous vote if less than 2/3 are present]

CLOSED SESSION

13. **CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION**

Significant exposure to litigation and initiation of litigation pursuant to paragraphs (2) and (4) of subdivision (d) of Government Code Section 54956.9

One potential case

ADJOURNMENT

The Board of Directors' Meeting Room is wheelchair accessible. If you require any special disability related accommodations (i.e., access to an amplified sound system, etc.), please contact the Moulton Niguel Water District Secretary's office at (949) 831-2500 at least forty-eight (48) hours prior to the scheduled meeting. This agenda can be obtained in alternate format upon written request to the Moulton Niguel Water District Secretary at least forty-eight (48) hours prior to the scheduled meeting.

Agenda exhibits and other writings that are disclosable public records distributed to all, or a majority of, the members of the Moulton Niguel Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board of Directors are available for public inspection at the District Office, 27500 La Paz Road, Laguna Niguel, CA ("District Office"). If such writings are distributed to members of the Board less than seventy-two (72) hours prior to the meeting, they will be available in the reception area of the District Office at the same time as they are distributed except that, if such writings are distributed immediately prior to, or during the meeting, they will be available in the Board meeting room and on the District website at www.mnwd.com.



moulton niguel water district

DRAFT

MINUTES OF THE REGULAR MEETING OF THE ENGINEERING & OPERATIONS BOARD OF DIRECTORS OF THE MOULTON NIGUEL WATER DISTRICT

October 17, 2016

A Regular Meeting of the Engineering & Operations Board of Directors of the Moulton Niguel Water District was held at the District offices, 27500 La Paz Road, Laguna Niguel, California, at 8:30 AM on October 17, 2016. There were present and participating:

DIRECTORS

Duane Cave	Director
Scott Colton	Vice President/Chair
Richard Fiore	Director
Larry Lizotte	Director
Brian Probolsky	Vice President (arrived at 9:25 a.m.)

Also present and participating were:

STAFF MEMBERS, LEGAL COUNSEL, AND MEMBERS OF THE PUBLIC

Joone Lopez	General Manager
Matt Collings	Assistant General Manager
Marc Serna	Director of Engineering & Operations
Gina Hillary	Director of Human Resources
Drew Atwater	Director of Planning
Jake Vollebregt	Director of Regional & Legal Affairs
Jeff Ferre	Best, Best, & Krieger (General Counsel)
Paige Gulck	Board Secretary
Tim Bonita	Recording Secretary
Trevor Agrelius	MNWD
Johnathan Cruz	MNWD
Todd Dmytryshyn	MNWD
Megan Emami	MNWD
Steve Merk	MNWD
Mark Mountford	MNWD
Todd Novacek	MNWD

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Medha Patel	MNWD
Rod Woods	MNWD
Tony Ingegneri	ATS Communications
Gail Karish	Best, Best, & Kreiger
Roger Faubel	Faubel Public Affairs
Jamie Allen	Orange Label
Michelle Torr	Orange Label
Brian Thomas	Public Financial Management
Tyler Old	Public Financial Management
Nate Getz	Xylem

1. CALL MEETING TO ORDER

The meeting was called to order by Scott Colton at 8:00 a.m.

2. APPROVE THE MINUTES OF THE SEPTEMBER 12, 2016 ENGINEERING AND OPERATIONS BOARD OF DIRECTORS' MEETING

MOTION DULY MADE BY DUANE CAVE AND SECONDED BY RICHARD FIORE MINUTES OF THE SEPTEMBER 12, 2016 ENGINEERING AND OPERATIONS BOARD OF DIRECTORS' MEETING WERE APPROVED AS PRESENTED. THE VOTE WAS UNANIMOUS WITH DIRECTORS DUANE CAVE, SCOTT COLTON, RICHARD FIORE, AND LARRY LIZOTTE ALL VOTING 'AYE'. DIRECTOR BRIAN PROBOLSKY WAS ABSENT.

3. PUBLIC COMMENTS

None.

DISCUSSION ITEMS

4. Financial Advisory Services Agreement – Public Financial Management, Inc.

Johnathan Cruz provided details about the agreement. Staff recommends that the Board of Directors authorize the General Manager to execute a three-year Professional Services Agreement with Public Financial Management, Inc., with the option to extend the agreement for two additional one-year terms, for ongoing financial advisory services for a total not-to-exceed value of \$90,000 plus a 20% contingency. Discussion ensued regarding the agreement.

5. Revisions to Communication Facilities License Agreement Template and Program Policy/Procedures

Megan Emami provided details on the item. Staff recommends that the Board of Directors approve the following revisions to the Communication Facilities License Program:

- Numerous non-substantial revisions to the Communications Facility License Agreement template.
- Revisions to Section 2, Paragraph 2, Item d, to allow General Manager or designee to negotiate the annual rent increase percentage in addition to the rent amount.

Discussion ensued regarding the program.

6. Amendment to the Communication/Outreach Consulting Services Agreement – Orange Label

Medha Patel provided information on the amendment. Staff recommends that the Board of Directors approve Amendment No. 3 to the Consulting Services Agreement with Orange Label for an amount not-to-exceed \$151,048 for a total contract amount of \$370,556; and authorize the General Manager to execute Amendment No. 3. Discussion ensued regarding the agreement.

7. Aliso Creek Lift Station Rehabilitation Construction Contract Award

Rod Woods presented details about the contract. Staff recommends that the Board of Directors award the construction services contract to Norman A. Olsson Construction, Inc. in the amount of \$88,000; authorize the General Manager to execute the contract; and authorize the General Manager or designee to approve change orders up to 10% of the contract value. Discussion ensued regarding the contract.

8. Paseo de Valencia 24-Inch Pipeline Railroad Crossing Abandonment Construction Contract Award

Rod Woods provided details about the contract. Staff recommends that the Board of Directors award the construction services contract to Paulus Engineering, Inc. in the amount of \$80,400; authorize the General Manager to execute the contract; and authorize the General Manager or designee to approve change orders up to 10% of the contract value. Discussion ensued regarding the contract.

9. Bypass Pump Purchase

Todd Novacek provided information on the item. Staff recommends that the Board of Directors approve the purchase of two new bypass pumps and their accessories from Xylem/Godwin for \$137,313.

INFORMATION ITEMS

10. Monthly Financial Report

Brian Probolsky arrived at 9:25 a.m. Trevor Agrelius presented the Monthly Financial Report.

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11. Long Term Efficiency Framework/Drought Response

Drew Atwater provided a presentation on the Long Term Efficiency Framework.

12. Water Usage Update

Drew Atwater presented the water usage update.

13. 2016 Private Development Status Update

Mark Mountford provided the 2016 private development status update.

14. Quarterly Communications License Program Report

Megan Emami provided the Quarterly Communications License Program Report.

15. Future Agenda Items (Any items added under this section are for discussion at future meetings only)

None.

16. Late Items (Appropriate Findings to be Made)

Staff has none.

CLOSED SESSION

17. **CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION**

Significant exposure to litigation and initiation of litigation pursuant to paragraphs (2) and (4) of subdivision (d) of Government Code Section 54956.9

One potential case

The Board entered closed session at 10:43 a.m. and exited at 11:33 a.m. Scott Colton stated that there was no reportable action.

ADJOURNMENT

Respectfully submitted,

Tim Bonita
Recording Secretary



moulton niguel water district

STAFF REPORT

TO: Board of Directors **MEETING DATE:** November 14, 2016

FROM: Marc Serna, Director of Engineering and Operations
 Todd Dmytryshyn, Principal Engineer

SUBJECT: Sewer Lining Construction Contract Award

DIVISION: 2, 3, 4, 5

SUMMARY:

Issue: Board action is required for the Notice Inviting Sealed Proposals (Bids) for the Linda Vista Drive, National Park, and Other Miscellaneous Sewer Lining, Project Nos. 2015.008 and 2015.010.

Recommendation: It is recommended that the Board of Directors award the construction services contract to Insituform Technologies, LLC in the amount of \$99,800; authorize the General Manager to execute the contract; and authorize the General Manager or designee to approve change orders up to 15% of the contract value.

Fiscal Impact: Project Nos. 2015.008 and 2015.010 are budgeted in Fund 7, Rehabilitation and Replacement with a current project budget of \$750,000.

BACKGROUND:

The sewer pipelines in the areas of Linda Vista Drive, National Park Drive, Benecia Avenue, Paseo Escuela, Paseo de Colinas, and Rocking Horse Lane were originally constructed in the mid-1960s and mid-1970s. The sewer pipelines are located in the Cities of Laguna Hills and Laguna Niguel. The existing sewer pipelines are 8-inch diameter vitrified clay pipe (VCP). The District's collections crew performs routine preventative maintenance, including hydro-jet cleaning and closed-circuit television (CCTV) video inspection on sewer pipelines throughout the District's service area. District staff work to inspect all sewer pipelines and assess when repair, rehabilitation, or total replacement of the pipelines is appropriate. District staff has identified a number

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Sewer Lining Construction Contract Award

November 14, 2016

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of sewer pipelines where rehabilitating the pipe was determined to be more cost effective than continued maintenance or where the condition of the pipe is such that repair, rehabilitation, or total replacement of the pipeline is appropriate.

Upon initial review of the CCTV video for these pipelines, District staff anticipated that some of the pipelines would require open cut replacement. Following a detailed assessment of these pipelines by the District's consultant, AKM Consulting Engineers (AKM), and further review by staff, it was recommended that improvements be made utilizing Cured-In-Place Pipe (CIPP) rehabilitation. CIPP is a trenchless pipeline rehabilitation method that is typically less expensive and results in less impact to the public than open cut replacement of the pipelines. AKM prepared construction documents for the project. The work generally includes installation of approximately 3,000 feet of CIPP liner, temporary sewer bypassing, and traffic control.

DISCUSSION:

A request for bids was issued to four qualified construction contractors. The District received four sealed bids for the subject contract on October 20, 2016. The table below summarizes the bids received:

Firm	Bid
Insituform Technologies, LLC	\$99,800
Sancon Technologies Inc.	\$108,770
Southwest Pipeline & Trenchless Corp.	\$113,000
Nu-Line Technologies, LLC	\$119,175

Staff has determined that the lowest responsible and responsive bidder was Insituform Technologies, LLC (Insituform). Staff has completed its review of the contract documents and has determined that they are in order. Insituform has performed quality work for the District in the past and is well-qualified to perform this type of work.

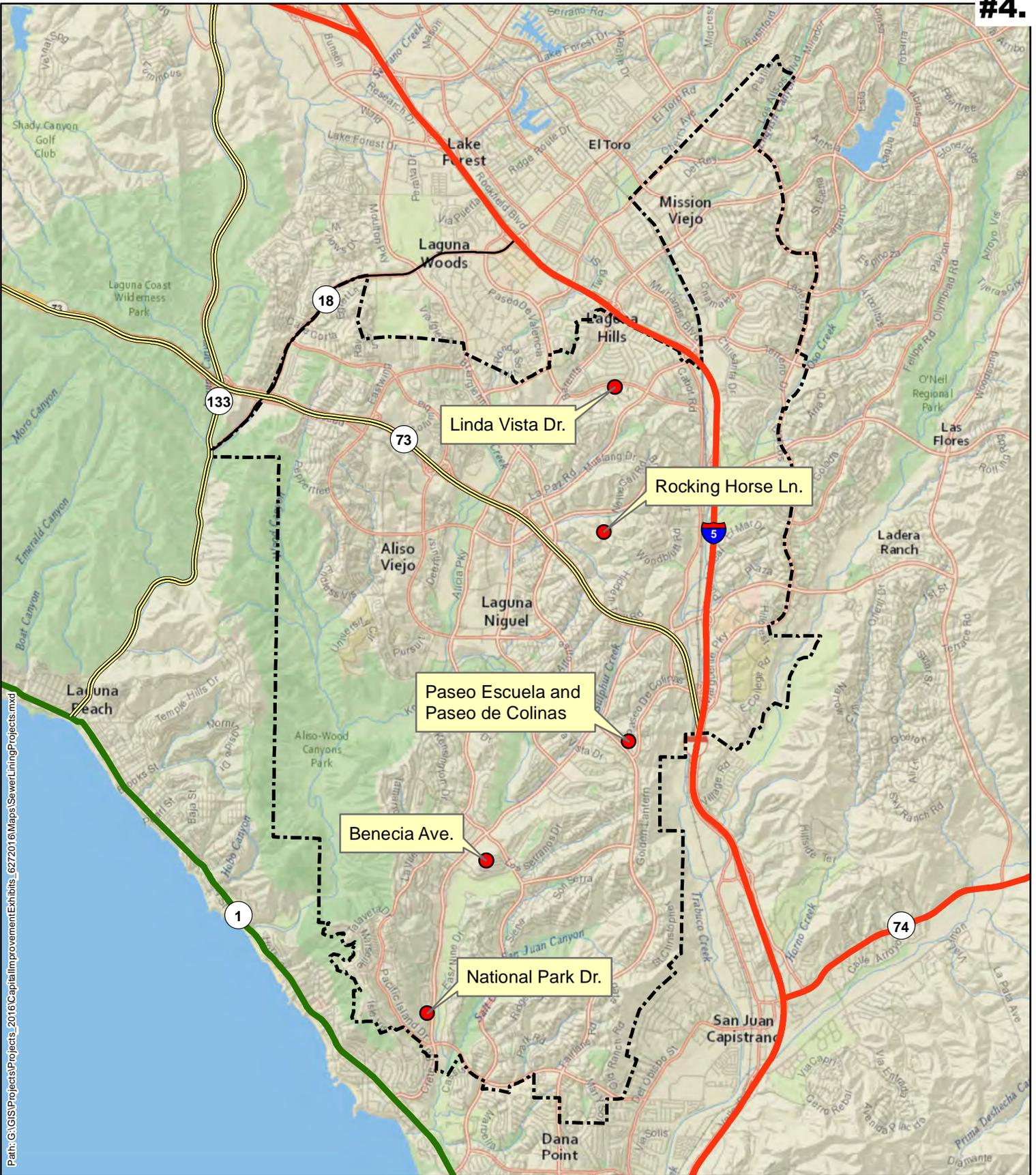
SUMMARY OF PROJECT BUDGET:

	Project Budget	Proposed / Approved Contract	Proposed / Authorized Contingency	Total Proposed / Authorized Amount
Project Items				
Engineering	\$50,000*	\$50,000	\$0	\$50,000
Construction	\$665,000	\$99,800	\$14,970	\$114,770
Specialty Inspection	\$25,000	\$25,000	\$0	\$25,000
Legal, Permits, District Labor	\$10,000*	\$10,000	\$0	\$10,000
Totals	\$750,000	\$184,800	\$14,970	\$199,770

*\$34,508 has been expended to date.

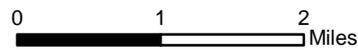
 Currently Proposed Amount

Attachment: Exhibit A – Location Map



Path: G:\GIS\Projects\Projects_2016\CapitalImprovement\Exhibits_6272016\Maps\SewerLining\projects.mxd

● Project Locations



Scale = 1:84,500

Exhibit "A" Location Map
Linda Vista Drive, National Park &
Other Misc. Sewer Lining Projects
Contract Nos. 2015.008 & 2015.010



moulton niguel water district

STAFF REPORT

TO: Board of Directors **MEETING DATE:** November 14, 2016

FROM: Marc Serna, Director of Engineering and Operations
Rod Woods, Assistant Director of Engineering

SUBJECT: Agreement Amendments for On-Call Professional Engineering Services

DIVISION: District-wide

SUMMARY:

Issue: Staff requests amendments to the professional services agreements for Tetra Tech, Inc., Lee & Ro, Inc., and AKM Consulting Engineers to increase the contract amount.

Recommendation: It is recommended that the Board of Directors approve Amendment No. 1 with Tetra Tech, Inc. for \$200,000 for a total contract value not-to-exceed \$700,000; approve Amendment No. 2 with Lee & Ro, Inc. for \$200,000 for a total contract value not-to-exceed \$950,000; and approve Amendment No. 2 with AKM Consulting Engineers for \$200,000 for a total contract value not-to-exceed \$950,000.

Fiscal Impact: The amendments will be funded with projects from the Capital Improvement Program and the Operating Budget as needed for engineering services.

BACKGROUND:

The Moulton Niguel Water District (District) has a substantial Capital Improvement Program (CIP) planned over the next 10 years. The CIP requires appropriate engineering resources to assess and plan projects, prepare design and construction documents, and provide engineering services during construction. In addition to the Capital Improvement Program, engineering support is required in other aspects of District operations to provide technical support via operational studies and analysis.

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Agreement Amendment for On-Call Professional Engineering Services

November 14, 2016

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In February 2014, the District issued a Request for Proposals (RFP) for On-Call Professional Engineering Services to support the engineering needs of the CIP and operations. The District received 17 proposals. As part of a comprehensive selection process, On-Call Professional Services agreements were issued in May 2014 to three firms: Tetra Tech, Inc., Lee & Ro, Inc., and AKM Consulting Engineers. The agreement duration was three years with a not-to-exceed amount of \$500,000 per agreement. In December 2015, the Board of Directors approved \$250,000 amendments to the agreements with Lee & Ro, Inc. and AKM Consulting Engineers.

The On-Call agreements allow staff to issue individual task orders to the selected firms for the various projects identified in the CIP and for operations engineering support. Each task order is funded by a CIP project or dedicated operating funds. Depending on the type of project and experience level of the selected firm, fee proposals from all or just the qualified firm are requested. To-date, \$1,751,192 has been committed on 59 task orders for various projects. Table 1 summarizes the expenditures under the agreements.

Table 1 On-Call Professional Engineering Services Agreement Expenditure Summary						
Consultant	Contracted Amount	Number of Task Orders Issued	Total Value of Task Orders	Remaining Contractual Amount	Proposed Amendment	Revised Contracted Amount
Tetra Tech, Inc.	\$500,000	20	\$500,000	\$0	\$200,000	\$700,000
Lee & RO, Inc.	\$750,000	20	\$697,837	\$52,163	\$200,000	\$950,000
AKM Consulting Engineers	\$750,000	19	\$553,355	\$196,645	\$200,000	\$950,000
Total	\$2,000,000	59	\$1,751,192	\$248,808	\$600,000	\$2,600,000

DISCUSSION:

Staff anticipates additional task orders will be issued against the existing On-Call agreements through the remaining contract duration, which terminates June 2017. The CIP has approximately 10 projects scheduled over the next seven months that will need design services utilizing the On-Call program. In addition, staff anticipates the need for approximately 5 task orders related to operational studies and support. At this time, less than \$250,000 of contractual capacity is remaining under the agreements. Staff is requesting that the contractual capacity of the On-Call program be increased by \$600,000 to \$2,600,000. Staff has evaluated the types of projects that are scheduled and determined that Tetra Tech, Inc., Lee & Ro, Inc., and AKM

Agreement Amendment for On-Call Professional Engineering Services

November 14, 2016

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Consulting Engineers have the necessary capacity to accomplish these projects and is requesting that their agreements be increased by \$200,000 each.

Staff will solicit proposals for future On-Call Engineering Services contracts within the next couple months to continue engineering support to the CIP and operations. These contracts will be presented to the Board for award consideration in early 2017.

Attachments:

1. Amendment No. 1 – Tetra Tech
2. Amendment No. 2 – Lee & Ro
3. Amendment No. 2 – AKM Consulting Engineers

**AMENDMENT NO. 1 TO AGREEMENT
FOR ON-CALL PROFESSIONAL ENGINEERING SERVICES FOR CAPITAL IMPROVEMENT
PROGRAM IMPLEMENTATION; CONTRACT NO. OM13-14.020
(TETRA TECH, INC.)**

This Amendment No. 1 (the "Amendment") is entered into and effective as of _____, 2016, amending the agreement dated May 5, 2014 (the "Agreement") by and between the Moulton Niguel Water District, a California Water District ("MNWD"), and Tetra Tech, Inc. ("Engineer") (collectively, the "Parties") for the On-Call Professional Engineering Services for Capital Program Implementation. All capitalized terms not defined herein shall have the meanings set forth in the Agreement.

RECITALS

A. WHEREAS, the Parties entered into the Agreement on May 5, 2014, for a not-to-exceed Agreement amount of \$500,000; and

B. WHEREAS, the Parties desire to increase the not-to-exceed Agreement amount by for Services provided by Engineer to MNWD pursuant to the Agreement.

NOW, THEREFORE, in consideration of these recitals and the mutual covenants contained herein, MNWD and Engineer agree as follows:

1. The maximum amount of the Agreement is hereby increased by an amount of Two Hundred Thousand Dollars (\$200,000). With this Amendment, the total Agreement amount shall not exceed Seven Hundred Fifty Thousand Dollars (\$700,000).

2. All other provisions of the Agreement will remain in full force and effect. In the event of any conflict or inconsistency between the Agreement and this Amendment, the terms of this shall control.

3. All requisite insurance policies to be maintained by the Engineer pursuant to the Agreement, as may have been amended from time to time, will include coverage for this Amendment.

4. The individuals executing this Amendment and the instruments referenced in it on behalf of Engineer each represent and warrant that they have the legal power, right and actual authority to bind Engineer to the terms and conditions of this Amendment.

TETRA TECH, INC.

MOULTON NIGUEL WATER
DISTRICT, a California Water District

By:

By:

(sign here)

General Manager

(print name/title)

**AMENDMENT NO. 2 TO AGREEMENT
FOR ON-CALL PROFESSIONAL ENGINEERING SERVICES FOR CAPITAL IMPROVEMENT
PROGRAM IMPLEMENTATION; CONTRACT NO. OM13-14.020
(LEE & RO, INC.)**

This Amendment No. 2 (the "Amendment") is entered into and effective as of _____, 2016, amending the agreement dated May 1, 2014 (the "Agreement") by and between the Moulton Niguel Water District, a California Water District ("MNWD"), and Lee & Ro, Inc., ("Engineer") (collectively, the "Parties") for the On-Call Professional Engineering Services for Capital Program Implementation. All capitalized terms not defined herein shall have the meanings set forth in the Agreement.

RECITALS

A. WHEREAS, on January 8, 2016, the Parties executed Amendment No. 1 increasing the total not-to-exceed Agreement amount to \$750,000; and

B. WHEREAS, the Parties desire to further increase the not-to-exceed Agreement amount for Services provided by Engineer to MNWD pursuant to the Agreement.

NOW, THEREFORE, in consideration of these recitals and the mutual covenants contained herein, MNWD and Engineer agree as follows:

1. The maximum amount of the Agreement is hereby increased by an amount of Two Hundred Thousand Dollars (\$200,000). With this Amendment, the total Agreement amount shall not exceed Nine Hundred Fifty Thousand Dollars (\$950,000).

2. All other provisions of the Agreement will remain in full force and effect. In the event of any conflict or inconsistency between the Agreement and this Amendment, the terms of this shall control.

3. All requisite insurance policies to be maintained by the Engineer pursuant to the Agreement, as may have been amended from time to time, will include coverage for this Amendment.

4. The individuals executing this Amendment and the instruments referenced in it on behalf of Engineer each represent and warrant that they have the legal power, right and actual authority to bind Engineer to the terms and conditions of this Amendment.

LEE & RO, INC.

MOULTON NIGUEL WATER
DISTRICT, a California Water District

By:

By:

(sign here)

General Manager

(print name/title)

**AMENDMENT NO. 2 TO AGREEMENT
FOR ON-CALL PROFESSIONAL ENGINEERING SERVICES FOR CAPITAL IMPROVEMENT
PROGRAM IMPLEMENTATION; CONTRACT NO. OM13-14.020
(AKM CONSULTING ENGINEERS)**

This Amendment No. 2 (the "Amendment") is entered into and effective as of _____, 2016, amending the agreement dated May 1, 2014 (the "Agreement") by and between the Moulton Niguel Water District, a California Water District ("MNWD"), and AKM Consulting Engineers, ("Engineer") (collectively, the "Parties") for the On-Call Professional Engineering Services for Capital Program Implementation. All capitalized terms not defined herein shall have the meanings set forth in the Agreement.

RECITALS

A. WHEREAS, on January 20, 2016, the Parties executed Amendment No. 1 increasing the total not-to-exceed Agreement amount to \$750,000; and

B. WHEREAS, the Parties desire to further increase the not-to-exceed Agreement amount for Services provided by Engineer to MNWD pursuant to the Agreement.

NOW, THEREFORE, in consideration of these recitals and the mutual covenants contained herein, MNWD and Engineer agree as follows:

1. The maximum amount of the Agreement is hereby increased by an amount of Two Hundred Thousand Dollars (\$200,000). With this Amendment, the total Agreement amount shall not exceed Nine Hundred Fifty Thousand Dollars (\$950,000).

2. All other provisions of the Agreement will remain in full force and effect. In the event of any conflict or inconsistency between the Agreement and this Amendment, the terms of this shall control.

3. All requisite insurance policies to be maintained by the Engineer pursuant to the Agreement, as may have been amended from time to time, will include coverage for this Amendment.

4. The individuals executing this Amendment and the instruments referenced in it on behalf of Engineer each represent and warrant that they have the legal power, right and actual authority to bind Engineer to the terms and conditions of this Amendment.

AKM CONSULTING ENGINEERS

MOULTON NIGUEL WATER
DISTRICT, a California Water District

By:

By:

(sign here)

General Manager

(print name/title)

Project : Crown Valley Reservoir Recoat and Safety
 Contract No: 2015.004&2015.022
 Contractor : J.Colon Coatings
 Engineer : Tetra Tech
 Division Area of Work Performed : 2

**CROWN VALLEY RESERVOIR
RECOAT AND SAFETY**



Crown Valley Reservoirs

SCOPE OF WORK : The proposed work at the Crown Valley No. 1 and No. 2 Reservoirs includes structural and corrosion repairs, tank operation and safety improvements (including spiral stairways and full perimeter guardrails), cathodic protection systems, and re-coating of the interior and exterior of the reservoirs and exterior coating of No. 3

DETAILS :

Fund 07 Replacement and Refurbishment
 Contract Award 09/15/16
 Completion Date 03/31/17
 Authorized Expense \$1,768,644
 Paid To Date \$ 41,788
 Percent Constructed 0%

NOTES : Project is in the submittal phase. Work is scheduled to begin in November.

Project : Effluent Transmission Main (ETM) Replacement
 Contract No: 2009.115
 Contractor : Vadnais Trenchless Services, Inc.
 Engineer : Dudek
 Division Area of Work Performed : San Juan

**EFFLUENT TRANSMISSION MAIN
(ETM) REPLACEMENT**



Completed Micro-Tunnel Project

SCOPE OF WORK : Replacement of 300 feet of 30-inch ETM pipe by micro tunneling, replacement of 130 feet of 30-inch ETM pipe by open trench construction, connections to existing 30-inch ETM pipe and existing 42-inch Chiquita Land Outfall pipe.

DETAILS :

Fund 07 Replacement and Refurbishment
 Contract Award 11/19/15
 Est. Completion Date 10/30/16
 Authorized Expense \$ 4,226,054
 Paid To Date \$ 3,460,389
 Percent Constructed 100%

NOTES : Construction complete, awaiting final billing. Notice of completion to be filed in November.

Project: Del Avion Aux. Generator Replacement
 Contract No: 2014.002
 Contractor : Pacific Hydrotech
 Engineer : Lee & Ro Inc.
 Division Area of Work Performed : 4

**DEL AVION AUXILIARY
 GENERATOR REPLACEMENT**

SCOPE OF WORK : Project proposes to replace the existing auxiliary generator with a new diesel auxiliary generator.



Del Avion Lift Station Generator

DETAILS :

Fund 07 Replace and Refurbishment
 Contract Award 07/21/16
 Est. Completion Date 02/29/17
 Authorized Expense \$ 576,090
 Paid To Date \$ 57,201
 Percent Constructed 0%

NOTES : Project is in the submittal phase. Construction is scheduled to begin in December.

Project : Rehabilitation of Bear Brand Reservoir
 Contract No: 2014.001
 Contractor : Advanced Industrial Services Inc.
 Engineer : Harper and Associates
 Division Area of Work Performed : 4

**BEAR BRAND RESERVOIR
 RE-COATING AND SAFETY IMPROVEMENTS**

SCOPE OF WORK : Recoat interior and exterior of reservoir, perform structural, corrosion repairs and safety improvements.



Bear Brand Reservoir Interior

DETAILS :

Fund 07 Replace and Refurbishment
 Contract Award 10/15/15
 Completion Date 11/30/16
 Authorized Expense \$ 778,100
 Paid To Date \$ 662,478
 Percent Constructed 100%

NOTES : Awaiting final billing. Notice of completion to be filed in December.

Project : Fall Protection System PW/RW Reservoirs
 Contract No: 2015.017
 Contractor : Spiess Construction
 Engineer : Design Build
 Division Area of Work Performed : Various Locations

**FALL PROTECTION SYSTEM
PW/RW RESERVOIRS**



SCOPE OF WORK : This project will install Cal/ OSHA compliant cable-type fall protection systems on the reservoirs that do not have full perimeter guardrails installed.

DETAILS :

Fund 14 Planning and Construction
 Contract Award 04/21/16
 Est. Completion Date 12/31/16
 Authorized Expense \$ 205,745
 Paid To Date \$ 133,670
 Percent Constructed 95%

NOTES : District staff will be trained on new fall protection system in November.

Rancho Reservoir

Project: Replace Digital Lines with Wireless Network
 Contract No: 2006.038
 Contractor : Southern Contracting Co.
 Engineer : Arcon Structural Engineers, Inc.
 Division Area of Work Performed : 1,4,5,6

**REPLACE DIGITAL LINES
WITH WIRELESS NETWORK**



SCOPE OF WORK : Drilling holes for foundations, furnishing and installing towers ranging in height from 10 feet to 60 feet, constructing foundations, grounding the towers, furnishing and installing electrical facilities

DETAILS :

Fund 07 Replace and Refurbishment
 Contract Award 11/19/15
 Est. Completion Date 12/15/16
 Authorized Expense , Phase III \$ 459,552
 Paid To Date \$ 149,434
 Percent Constructed 85%

NOTES : Contractor is completing the final two sites. All construction should be complete by mid-November.

Monopole Installation at
Audubon Lift Station

Project : Pradera 850 Zone Loop System
 Contract No: 2014.013
 Contractor : Ferriera Construction Co. Inc.
 Engineer : AKM Consulting
 Division Area of Work Performed : 1

**PRADERA 850 ZONE
 LOOP SYSTEM**

SCOPE OF WORK : Installation of a new 8" portable water pipeline to provide a looped system along Pradera and La Paz Rd.



DETAILS :

Fund 14 Planning and Construction
 Contract Award 04/21/16
 Completion Date 08/20/16
 Authorized Expense \$ 811,532
 Paid To Date \$ 553,248
 Percent Constructed 100%

NOTES : Construction complete. Notice of completion was filed 10/13/16.

Mainline Installation on La Paz Road

Project : Utility Main Breaker Replacement
 Contract No: 2014.005
 Contractor : Southern Contracting Co.
 Engineer : Lee & Ro, Inc.
 Division Area of Work Performed : 4,6

**UTILITY MAIN BREAKER
 REPLACEMENTS
 LOWER SALADA AND ALISO CREEK LIFT STATION**

SCOPE OF WORK : Replace two utility service sections, perform miscellaneous code updates and extended maintenance on the electrical switchgear.



DETAILS :

Fund 07 Replace and Refurbishment
 Contract Award 07/16/15
 Est. Completion Date 12/31/16
 Authorized Expense \$ 216,700
 Paid To Date \$ 117,968
 Percent Constructed 75%

NOTES : Construction began in June; Work at Aliso Creek Lift Station anticipated to be complete in December.

Lower Salada Lift Station
 New Main Breaker

AS OF 10/25/2016

Project : Recycled Water System Extension
 Contract No 2014.011
 Contractor : Ferreira Construction Co., Inc.
 Engineer : Tetra Tech
 Division Area of Work Performed : 3,4,5,6

**RECYCLED WATER SYSTEM
EXTENSION**



SCOPE OF WORK : Installation of recycled water mainlines, recycled water services and the restoration of all landscape and hardscape.

DETAILS :

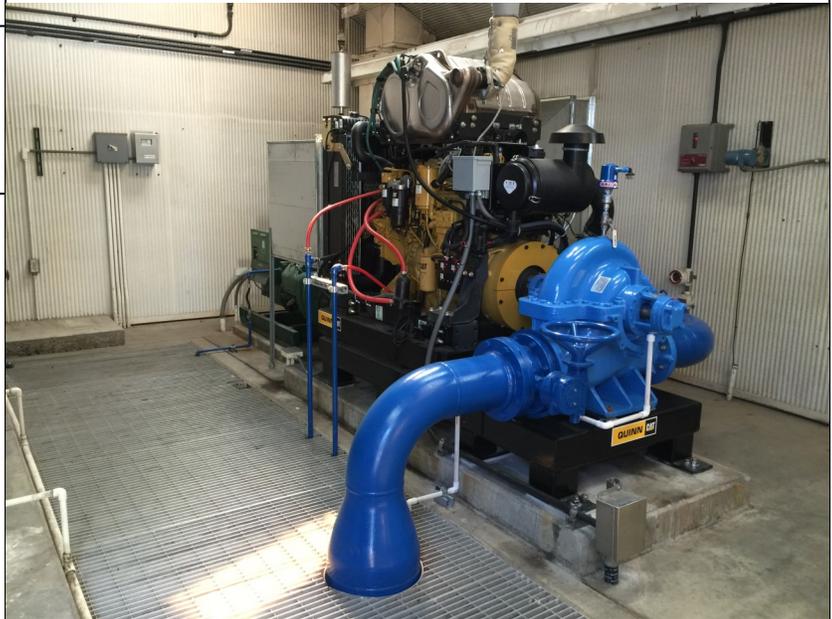
Fund 06 Water Efficiency
 Contract Award 11/19/15
 Completion Date 08/17/16
 Authorized Expense \$ 2,146,552
 Paid To Date \$ 1,823,226
 Percent Constructed 100%

NOTES : Construction complete. Notice of completion filed 08/17/16.

Mainline work at the Intersection of Alicia and Moulton Parkway

Project: Beacon Hill Pump Replacement
 Contract No: 2012.009
 Contractor : Pascal & Ludwig Constructors
 Engineer : Psomas
 Division Area of Work Performed : 4

**BEACON HILL
PUMP REPLACEMENT**



SCOPE OF WORK : Installation of a tier 4 diesel engine with pump. Retrofit the existing building to accommodate new equipment and site improvements.

DETAILS :

Fund 07 Replace and Refurbishment
 Contract Award 03/19/15
 Completion Date 06/18/16
 Authorized Expense \$ 582,054
 Paid To Date \$ 550,318
 Percent Constructed 100%

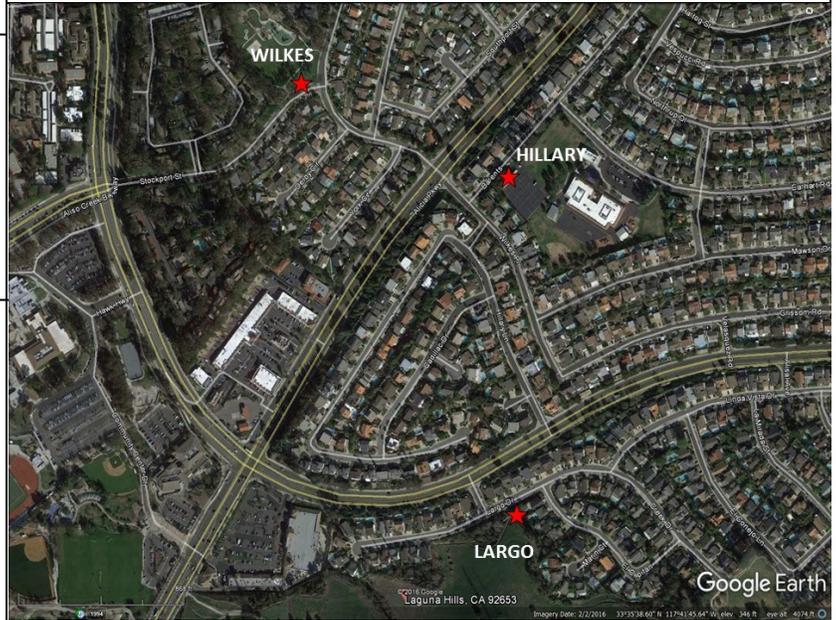
NOTES : Construction complete. Notice of Completion filed 06/08/16.

Beacon Hill Pump Station
Completed Pump and Engine Installation

Project : Pressure Reducing Station Relocation
 Contract No: 2011.010-012-015
 Contractor : Ferreira Construction
 Engineer : Tetra Tech, Inc.
 Division Area of Work Performed : 3

**PRESSURE REDUCING STATION
 RELOCATION**

SCOPE OF WORK : This project encompasses the relocation of three existing pressure reducing stations (PRS).



Pressure Reducing Station Relocation
 Location Map

DETAILS :

Fund 07 Replace and Refurbishment
 Contract Award 07/21/16
 Estimated Completion Date 03/31/17
 Authorized Expense \$1,052,749
 Paid To Date \$ 115,911
 Percent Constructed 5 %

NOTES : Project is currently in the submittal phase.

Project : 2015-16 Valve Replacement
 Contract No: 2015.002
 Contractor : Paulus Engineering
 Engineer : AKM Consulting Engineers
 Division Area of Work Performed : 1,2,4,5

**2015-16 VALVE
 REPLACEMENT**

SCOPE OF WORK : The 2015-16 Valve Replacements Project will replace key valves that have been identified by District staff and prioritized as part of the system wide valve replacement program. The valves will be replaced in six locations within the Cities of Laguna Niguel and Mission Viejo. This project will replace 40 potable valves and install 17 new valves.

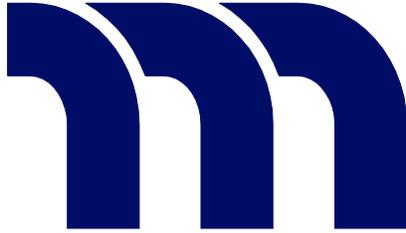


Installation of Inserta-Valve in
 Laguna Niguel

DETAILS :

Fund 07 Replace and Refurbishment
 Contract Award 05/19/16
 Est. Completion Date 03/31/17
 Authorized Expense \$ 1,308,520,968
 Paid To Date \$ 100,002
 Percent Constructed 5%

NOTES : Work began in Laguna Niguel and Mission Viejo mid-October.



moulton niguel water district

STAFF REPORT

TO: Board of Directors **MEETING DATE:** November 14, 2016

FROM: Marc Serna, Director of Engineering and Operations
Rod Woods, Assistant Director of Engineering

SUBJECT: Quarterly Capital Improvement Program Report

DIVISION: District-wide

SUMMARY:

Issue: District staff is responsible for executing the Capital Improvement Program (CIP) as adopted by the Board of Directors. This quarterly report is for July, August, and September of Fiscal Year (FY) 2016-17.

Recommendation: Information item only.

Fiscal Impact: The fiscal impact for each project is presented to the Board of Directors on a project by project basis. The collective impact for FY 2016-17 is \$46,569,520, if fully expensed.

DISCUSSION:

The Moulton Niguel Water District (District) Board of Directors approved a FY 2016-17 budget in June 2016 (see Table 1). Several of the projects in this fiscal year budget, such as SOCWA, JRWSS, Plant 3A, SMWD Joint Projects, and the Baker Water Treatment Plant, are managed by other entities, with the District providing funding through a project agreement or a joint powers entity. For these projects, staff primarily assesses capital expenditures and reviews deliverables and invoices, but does not actively manage the projects. These projects total \$21.0 million for FY 2016-17 budget. The remainder of the budget, \$25.6 million, is executed by District staff. After completion of the first quarter of the fiscal year, approximately 68% of CIP

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budget has been committed and 12% has been expended to date. Table 1 summarizes the expenditures and contractual obligations for the fiscal year.

Table 1 Adopted Budget by Fund Fiscal Year: July 2016 through June 2017			
Item/Fund	Fiscal Year Adopted Budget	Committed Contracts Through First Quarter	Payments Through First Quarter
Water Efficiency – Fund 6	\$950,990	\$950,990	\$4,346
Replacement and Refurbishment - Fund 7	\$13,257,897	\$8,589,501	\$897,061
SOCWA & JRWSS - Fund 7	\$13,886,528	\$13,891,194	\$2,073,391
Water Supply Reliability Projects - Fund 12	\$8,861,074	\$5,861,074	\$2,080,501
Planning and Construction - Fund 14	\$9,613,031	\$1,133,031	\$541,301
Total	\$46,569,520	\$30,425,790	\$5,596,600

Staff has prioritized CIP projects to maximize the resources available to effectively execute the projects. Table 2 lists the projects in the 10-year Capital Improvement Program and their implementation status (see attached).

During the first quarter of FY 2016-17, these major activities were performed within the Capital Improvement Program:

- Three projects were completed:
 - 2013.002 – Mathis RW Reservoir Recoating & Safety Improvements
 - 2014.011 – Recycled Water System Extension Project
 - 2015.023 – Northern Transmission Main Improvements North of La Paz
- Eleven projects were awarded:
 - 2011.010 – Hillary PRS Replacement
 - 2011.012 – Largo PRS Replacement
 - 2011.015 – Wilkes PRS Replacement
 - 2014.002 – Del Avion LS Auxiliary Generator Replacement
 - 2014.010 – Aliso Village RW Extension
 - 2016.004 – Crown Valley Community Park Relocation for LN – RW
 - 2016.005 – Crown Valley Community Park Relocation for LN - PW
 - 2015.004 – Crown Valley RW Reservoirs 1 and 2 Recoating and Safety
 - 2015.022 – Crown Valley PW Reservoir 3 Recoating

- 2015.013 – 2016-17 Reservoir Management System Replacement (Design only)
- 2014.015 – District Headquarters (Design only)
- Four projects were advertised for bids:
 - 2016.004 – Crown Valley Community Park Relocation for LN – RW
 - 2016.005 – Crown Valley Community Park Relocation for LN - PW
 - 2015.004 – Crown Valley RW Reservoirs 1 and 2 Recoating and Safety
 - 2015.022 – Crown Valley PW Reservoir 3 Recoating
- 22 projects are under construction.
- Design work continued on 16 additional projects.
 - Issued 4 task orders utilizing the On-Call Professional Engineering Services Agreements listed below. Table 3 summarizes the expenditures for the program.
 - 2016.002 – 2016-17 Valve Replacements
 - 2016.006 – Upper Salada Electrical Switchgear Replacement
 - 2011.010/.012/.015 – Construction Support Services
 - 2010.018 – Construction Support Services

Table 3 On-Call Professional Engineering Services Agreement Expenditure Summary through September 2016				
Consultant	Contracted Amount	Number of Task Orders Issued	Total Value of Task Orders	Remaining Contractual Amount
AKM Consulting Engineers	\$750,000	19	\$553,355	\$196,645
Lee & RO, Inc	\$750,000	18	\$602,961	\$147,039
Tetra Tech, Inc	\$500,000	20	\$500,000	\$0
Total	\$2,000,000	57	\$1,656,316	\$343,684

Attachment: Table 2 Quarterly CIP Report

TABLE 2
QUARTERLY CAPITAL IMPROVEMENT PROGRAM REPORT
MOULTON NIGUEL WATER DISTRICT
QUARTERLY PROJECT STATUS - FIRST QUARTER - JULY THROUGH SEPTEMBER
FISCAL YEAR: JULY 2016 TO JUNE 2017

PROJECT NUMBER	FUND	PROJECT DESCRIPTION	YEAR PROJECT APPROVED	TOTAL PROJECT AMOUNT	EXPENDED		FY 2016-17 ADOPTED BUDGET	FY 2016-17 EXPENDED TO DATE	ESTIMATED COMPLETION DATE
					FROM INCEPTION TO DATE				
COMPLETED PROJECTS									
2013002	7	MATHIS RW RESERVOIR RECOATING & SAFETY IMPROVEMENTS	2013	\$1,036,415	\$840,821		\$51,637	\$0	Completed
2014011	12	RECYCLED WATER SYSTEM EXTENSION PROJECT	2014	\$2,146,552	\$1,792,632		\$1,629,125	\$101,030	Completed
2015023	7	NORTHERN TRANSMISSION MAIN IMPROVEMENTS N OF LA PAZ	2016	\$500,000	\$186,969		\$250,000	\$158,550	Completed
Subtotal				\$3,682,967	\$2,820,422		\$1,930,761	\$259,580	
PROJECTS UNDER CONSTRUCTION									
2006038	7	REPLACE DIGITAL LINES WITH WIRELESS NETWORK	2006	\$2,020,630	\$1,725,172		\$459,552	\$153,650	12/31/16
2006071	12	BAKER PIPELINE REGIONAL TREATMENT PLANT	2006	\$37,300,000	\$35,206,485		\$4,073,511	\$1,979,471	12/31/16
2009115	7	SAN JUAN CREEK 30 EFFLUENT TM	2009	\$4,226,054	\$3,199,702		\$2,211,063	\$730,681	12/31/16
2009115	7	SAN JUAN CREEK 30 EFFLUENT TM - SMWD REIMBURSEMENT	2009	(\$1,213,027)	(\$492,470)		(\$1,213,027)	(\$412,700)	Reimbursement
2011010	7	HILLARY PRS REPLACEMENT	2011	\$460,000	\$37,432		\$422,161	\$0	6/30/17
2011012	7	LARGO PRS REPLACEMENT	2011	\$460,000	\$38,080		\$421,826	\$0	6/30/17
2011015	7	WILKES PRS REPLACEMENT	2011	\$460,000	\$37,594		\$421,958	\$0	6/30/17
2014001	7	BEAR BRAND RESERVOIR RECOATING & SAFETY IMPROVEMENT	2014	\$778,100	\$595,579		\$507,115	\$153,875	12/31/16
2014002	7	DEL AVION LS AUX GENERATOR REPLACEMENT	2014	\$630,000	\$56,734		\$573,266	\$0	6/30/17
2014005	7	UTILITY MAIN BREAKERS REPLACEMENTS	2014	\$216,700	\$116,806		\$150,719	\$0	6/30/17
2014010	12	ALISO VILLAGE RW EXTENSION	2014	\$230,000	\$126,907		\$108,438	\$0	12/31/16
2014013	14	PRADERA 850 ZONE LOOP	2014	\$812,000	\$528,242		\$759,899	\$468,729	12/31/16
2015002	7	2015-16 VALVE REPLACEMENT	2015	\$1,470,000	\$87,986		\$1,433,232	\$50,635	6/30/17
2015004	7	CROWN VALLEY RW RESERVOIRS 1 AND 2 RECOATING & SAFETY	2015	\$1,600,000	\$14,574		\$1,600,000	\$6,371	6/30/17
2015017	14	FALL PROTECTION SYSTEM - PW RESERVOIRS	2015	\$240,000	\$33,722		\$233,132	\$17,672	12/31/16
2015018	14	FALL PROTECTION SYSTEM - RW RESERVOIRS	2015	\$40,000	\$9,120		\$40,000	\$7,339	12/31/16
2015019	6	AMI PHASE I - POTABLE IRRIG METERS	2015	\$490,000	\$356,731		\$475,495	\$4,333	6/30/17
2015020	6	AMI PHASE I - RW IRRIG METERS	2015	\$490,000	\$362,497		\$475,495	\$13	6/30/17
2015022	7	CROWN VALLEY PW RESERVOIR 3 RECOATING	2016	\$350,000	\$3,056		\$350,000	\$1,336	6/30/17
2016004	7	CROWN VALLEY COMM. PARK RELO FOR LAGUNA NIGUEL - RW	2016	\$208,000	\$0		\$208,000	\$0	6/30/17
2016005	7	CROWN VALLEY COMM. PARK RELO FOR LAGUNA NIGUEL - PW	2016	\$117,000	\$0		\$117,000	\$0	6/30/17
2016010	12	FY 2016-17 RW RETROFITS	2016	\$50,000	\$0		\$50,000	\$0	6/30/17
2016013	14	2016-17 NEW SYSTEM VALVES	2016	\$100,000	\$0		\$100,000	\$0	6/30/17
Subtotal				\$51,535,457	\$42,043,949		\$13,978,834	\$3,161,405	

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TABLE 2
QUARTERLY CAPITAL IMPROVEMENT PROGRAM REPORT
MOULTON NIGUEL WATER DISTRICT
QUARTERLY PROJECT STATUS - FIRST QUARTER - JULY THROUGH SEPTEMBER
FISCAL YEAR: JULY 2016 TO JUNE 2017

PROJECT NUMBER	FUND	PROJECT DESCRIPTION	YEAR PROJECT APPROVED	TOTAL PROJECT AMOUNT	EXPENDED		FY 2016-17 ADOPTED BUDGET	FY 2016-17 EXPENDED TO DATE	ESTIMATED COMPLETION DATE
					FROM INCEPTION TO DATE				
PROJECTS IN PROGRESS/UNDER DESIGN									
2011034	7	GIS VIEWER AND CONFIGURATION	2011	\$60,000	\$0		\$60,000	\$0	6/30/17
2012024	7	UPPER SALADA LS AUX GENERATOR REPLACEMENT	2012	\$850,000	\$48,114		\$400,000	\$0	6/30/18
2013004	7	REGIONAL LS FORCE MAIN REPLACEMENT	2013	\$8,900,000	\$59,990		\$150,000	\$0	6/30/22
2014012	7	HIDDEN HILLS VILLAGE EASEMENT PIPELINE REHABILITATION	2014	\$420,000	\$43,739		\$188,396	\$0	12/31/17
2014015	14	DISTRICT HEADQUARTERS	2014	\$23,000,000	\$404,781		\$8,000,000	\$47,561	6/30/19
2015003	7	ALISO CREEK LS REHABILITATION	2015	\$270,000	\$11,691		\$270,000	\$3,967	6/30/17
2015008	7	LINDA VISTA DR SEWER LINING	2015	\$450,000	\$14,132		\$450,000	\$5,333	6/30/17
2015009	7	LOWER BOUNDARY OAK LS UPGRADE	2015	\$410,000	\$36,643		\$410,000	\$21,060	9/30/17
2015010	7	NATIONAL PARK AND OTHER MISC SEWER LINING	2015	\$300,000	\$14,132		\$300,000	\$5,333	6/30/17
2015011	7	PALMS APTS EASEMENT PW LINE REPLACEMENT	2015	\$480,000	\$10,555		\$480,000	\$3,165	9/30/17
2015012	7	PASEO DE VALENCIA 24" RAILROAD CROSSING ABANDONMENT	2015	\$175,000	\$17,450		\$175,000	\$8,020	6/30/17
2015013	7	2016-17 RESERVOIR MANAGEMENT SYSTEM REPLACEMENT	2015	\$2,050,000	\$750		\$300,000	\$750	6/30/18
2015015	7	SADDLEBACK PS AUX PUMP & ENGINE REPLACEMENT	2015	\$1,235,000	\$7,036		\$200,000	\$7,036	6/30/18
2016002	7	2016-17 VALVE REPLACEMENT	2016	\$2,860,000	\$0		\$460,000	\$0	6/30/18
2016006	7	UPPER SALADA ELECTRICAL SWITCHGEAR REPLACEMENT	2016	\$550,000	\$0		\$100,000	\$0	6/30/18
2016012	14	DEL AVION LIFT STATION GRINDERS	2016	\$120,000	\$0		\$120,000	\$0	6/30/17
Subtotal					\$42,130,000	\$669,012	\$12,063,396	\$102,224	
FUTURE PROJECTS									
									Project Priority
2009010	14	MISSION HOSPITAL SECONDARY FEED	2009	\$400,000	\$0		\$80,000	\$0	Unanticipated
2010018	7	MATHIS -OSO BY-PASS	2010		\$0		\$5,000	\$0	Unanticipated
2016019	7	SJC RR PASSING SIDING AIR-VAC RELOCATIONS	2016		\$0		\$100,000	\$0	Unanticipated
2016020	7	ELECTRICAL SERVICE ENTRANCE REPLACEMENTS AT THREE ST	2016		\$0		\$80,000	\$0	Unanticipated
2011033	7	ASSET MANAGEMENT PROGRAM/CMMS IMPLEMENTATION	2011	\$500,000	\$0		\$300,000	\$0	92%
2016001	7	30-IN ETM SAN JUAN CREEK CROSSING REMOVAL	2016	\$200,000	\$0		\$100,000	\$0	90%
2016001	7	30-IN ETM SAN JUAN CREEK CROSSING REMOVAL - SMWD REIME	2016	(\$100,000)	\$0		\$0	\$0	Reimbursement
2016008	7	NORTH ALISO CREEK LS BYPASS REPLACEMENT	2016	\$240,000	\$0		\$50,000	\$0	84%
2016009	7	HIGHLAND PUMP PRESSURE RELIEF TO 650 ZONE	2016	\$75,000	\$0		\$25,000	\$0	84%
2011077	14	MOULTON PEAK RADIO TOWER IMPROVEMENTS	2011	\$235,000	\$0		\$50,000	\$0	80%
2016015	14	920 ZONE LOOP PIPELINE	2016	\$200,000	\$0		\$50,000	\$0	78%
	7	ALISO CREEK LS AUXILIARY GENERATOR REPLACEMENT		\$530,000	\$0		\$0	\$0	76%
	7	SOUTHWING LS AUXILIARY GENERATOR REPLACEMENT		\$580,000	\$0		\$0	\$0	76%
2016007	7	54-INCH CIP IMPROVEMENTS	2016	\$2,700,000	\$0		\$50,000	\$0	76%
2016014	14	SADDLEBACK PS GENERATOR EMERGENCY CONNECTION	2016	\$60,000	\$0		\$60,000	\$0	76%
2016003	7	FY2016-17 MH REHABILITATION	2016	\$350,000	\$0		\$350,000	\$0	74%
2011024	7	DOCUMENT MANAGEMENT	2011	\$389,000	\$110,931		\$100,000	\$0	72%

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TABLE 2
QUARTERLY CAPITAL IMPROVEMENT PROGRAM REPORT
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QUARTERLY PROJECT STATUS - FIRST QUARTER - JULY THROUGH SEPTEMBER
FISCAL YEAR: JULY 2016 TO JUNE 2017

PROJECT NUMBER	FUND	PROJECT DESCRIPTION	YEAR PROJECT APPROVED	TOTAL PROJECT AMOUNT	EXPENDED		ESTIMATED COMPLETION DATE
					FROM INCEPTION TO DATE	FY 2016-17 ADOPTED BUDGET	
FUTURE PROJECTS							
							Project Priority
	14	SECONDARY FEED FOR 1050 ZONE		\$600,000	\$0	\$0	72%
2016016	14	PLANT 3A FLOOD PROTECTION	2016	\$500,000	\$0	\$50,000	72%
2011028	7	VALENCIA LS REFURBISHMENT	2011	\$700,000	\$0	\$75,000	70%
2011043	14	3A OUTFALL LINE VALVES	2011	\$450,000	\$0	\$0	70%
2011043	14	3A OUTFALL LINE VALVES - REIMBURSEMENT	2011	(\$225,000)	\$0	\$0	Reimbursement
2016011	12	TRAMPAS RESERVOIR CAPACITY ACQUISITION		\$15,000,000	\$0	\$3,000,000	66%
	7	3A ETM CREEK BANK STABILIZATION		\$2,000,000	\$0	\$0	66%
	7	3A ETM REPLACEMENT - AVE DE LA VISTA		\$2,475,000	\$0	\$0	66%
	7	3A ETM REPLACEMENT - CAMINO CAPO		\$3,500,000	\$0	\$0	66%
	7	3A ETM SJ CREEK-COUNTY OF ORANGE PHASE VIII		\$900,000	\$0	\$0	66%
	7	3A ETM IMPROVEMENTS - SMWD REIMBURSEMENT		(\$4,437,500)	\$0	\$0	Reimbursement
2012011	7	EASEMENT REHABILITATION PROGRAM - Phase 1	2012	\$7,850,000	\$0	\$0	64%
2011032	7	OLD RANCH ROAD EASEMENT REFURBISHMENT	2011	\$200,000	\$0	\$0	64%
2012010	7	CVP 16-INCH PW LINE REHABILITATION	2012	\$650,000	\$0	\$0	64%
	7	UTILITY SERVICE ENTRANCE REPLACEMENTS - PW		\$738,000	\$0	\$0	62%
	12	RW EXPANSION PHASE V		\$35,000,000	\$0	\$0	62%
	14	OSO CREEK SEWER PARALLEL PIPELINE		\$1,950,000	\$0	\$0	62%
	7	UTILITY SERVICE ENTRANCE REPLACEMENTS - RW		\$145,000	\$0	\$0	62%
2011037	7	MISSION VIEJO HIGH SCHOOL LINE/VAULT REFURBISHMENT	2011	\$200,000	\$0	\$0	60%
	7	OAKGROVE DRIVE RW PIPELINE REPLACEMENT		\$525,000	\$0	\$0	60%
	7	PZ450 ALISO CREEK POTABLE LINE RELOCATION		\$300,000	\$0	\$0	58%
2010013	12	LA PAZ BRIDGE CROSSING RW PIPELINE	2010	\$435,000	\$56,880	\$0	58%
	14	GALIVAN BYPASS IMPROVEMENTS		\$175,000	\$0	\$0	58%
2010001	14	650-ZONE NIGUEL ROAD INTERTIE	2010	\$320,000	\$0	\$0	56%
	7	EASEMENT REHABILITATION PROGRAM - Phase 2		\$6,000,000	\$0	\$0	56%
	7	STEEL TANKS SEISMIC & STRUCT RETROFITS - PW		\$5,000,000	\$0	\$0	56%
	7	STEEL TANKS SEISMIC & STRUCT RETROFITS - RW		\$200,000	\$0	\$0	56%
	14	LS GENERATOR EMERGENCY CONNECTIONS		\$430,000	\$0	\$0	56%
	7	BEAR BRAND PS PUMP REPLACEMENT		\$410,000	\$0	\$0	52%
	7	LITTLE NIGUEL PS PUMP REPLACEMENT		\$250,000	\$0	\$0	52%
	7	PACIFIC PARK PS PUMP & ENGINE REPLACEMENT		\$600,000	\$0	\$0	52%
	7	ROLLING HILLS PS ENGINE & PUMP REPLACEMENT		\$675,000	\$0	\$0	52%
	7	SHEEP HILL PS ENGINE & PUMP REPLACEMENT		\$1,040,000	\$0	\$0	52%
	14	MARGUERITE/OSO CIP TAKEOUT		\$2,500,000	\$0	\$0	50%
	7	VAULT REMOVAL (11 SITES)		\$610,000	\$0	\$0	48%

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TABLE 2
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MOULTON NIGUEL WATER DISTRICT
QUARTERLY PROJECT STATUS - FIRST QUARTER - JULY THROUGH SEPTEMBER
FISCAL YEAR: JULY 2016 TO JUNE 2017

PROJECT NUMBER	FUND	PROJECT DESCRIPTION	YEAR PROJECT APPROVED	TOTAL PROJECT AMOUNT	EXPENDED		FY 2016-17 ADOPTED BUDGET	FY 2016-17 EXPENDED TO DATE	ESTIMATED COMPLETION DATE
					FROM INCEPTION TO DATE				
FUTURE PROJECTS									
									Project Priority
2015006	7	I.D. 1 MASTER METER RELOCATION	2015	\$600,000	\$0	\$0	\$0	\$0	48%
	12	SOUTH COUNTY PIPELINE TAKEOUT FACILITY		\$2,200,000	\$0	\$0	\$0	\$0	48%
	7	LN REG PARK RW VAULT RECONFIGURATION		\$150,000	\$0	\$0	\$0	\$0	46%
2011026	7	RANCHO UNDERGROUND PS REFURBISHMENT	2011	\$250,000	\$4,815	\$0	\$0	\$0	44%
2012016	7	LITTLE NIGUEL PS ROOF REPLACEMENT	2012	\$20,000	\$0	\$0	\$0	\$0	38%
2008049	12	SOUTH ORANGE COUNTY COASTAL OCEAN DESALINATION	2008	\$700,000	\$690,763	\$0	\$0	\$0	on-hold
2013005	7	LOWER SALADA LS FORCE MAIN REPLACEMENT	2013	\$5,900,000	\$40,000	\$0	\$0	\$0	on-hold
Subtotal				\$103,844,500	\$903,389	\$4,525,000	\$0	\$0	

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MOULTON NIGUEL WATER DISTRICT
QUARTERLY PROJECT STATUS - FIRST QUARTER - JULY THROUGH SEPTEMBER
FISCAL YEAR: JULY 2016 TO JUNE 2017

PROJECT NUMBER	FUND	PROJECT DESCRIPTION	YEAR PROJECT APPROVED	TOTAL PROJECT AMOUNT	EXPENDED	FY 2016-17 ADOPTED BUDGET	FY 2016-17 EXPENDED TO DATE	ESTIMATED COMPLETION DATE
					FROM INCEPTION TO DATE			
REMAINING BALANCE								
SOCWA & JRWSS PROJECTS								
JRWSS17	7	SCWD/JRWSS CAPITAL PROJECT	2016	\$14,227,645	\$0	\$1,646,424	\$4,169	\$1,642,255
SMWD003	7	PLANT 3A IMPROVEMENTS	2016	\$12,976,500	\$0	\$3,576,500	\$0	\$3,576,500
SMWD004	7	SMWD CAPITAL PROJECTS-JOINT FACILITIES	2016	\$200,000	\$0	\$200,000	\$0	\$200,000
SOCWA130	7	2016/17 SOCWA CAPITAL PC 2(R)	2016	\$13,390,721	\$748,953	\$1,597,112	\$748,953	\$848,159
SOCWA131	7	2016/17 SOCWA CAPITAL PC 15(R)	2016	\$9,385,169	\$0	\$744,978	\$0	\$744,978
SOCWA132	7	2016/17 SOCWA CAPITAL PC 17(R)	2016	\$34,474,090	\$1,265,260	\$6,020,489	\$1,265,260	\$4,755,229
SOCWA133	7	2016/17 SOCWA PC 5	2016	\$79,101	\$28,419	\$79,101	\$28,419	\$50,682
SOCWA134	7	2016/17 SOCWA CAPITAL PC 24	2016	\$3,931,848	\$26,590	\$21,925	\$26,590	\$0
Subtotal				\$88,665,074	\$2,069,222	\$13,886,529	\$2,073,391	\$11,817,803
REMAINING BALANCE								
PROGRAMS								
UP1617RR	7	UNANTICIPATED PROJECTS FUND 7	2016	\$300,000	N/A	\$300,000	\$185,000	\$115,000
UP1617PC	14	UNANTICIPATED PROJECTS FUND 14	2016	\$150,000	N/A	\$150,000	\$80,000	\$70,000
	7	PW PROJECTS PER ASSET MANAGEMENT MODEL	2016	\$9,000,000	N/A	N/A	N/A	N/A
	7	RESERVOIR MANAGEMENT SYSTEM REPLACEMENT PROGRAM	2016	\$11,450,000	N/A	N/A	N/A	N/A
	7	RESERVOIR RECOATING PROGRAM - PW	2016	\$11,250,000	N/A	N/A	N/A	N/A
	7	SERVICE SECTION AND MCC REPLACEMENT PROGRAM - PW	2016	\$2,050,000	N/A	N/A	N/A	N/A
	7	VALVE REPLACEMENT PROGRAM - PW	2016	\$19,830,000	N/A	N/A	N/A	N/A
	7	VALVE REPLACEMENT PROGRAM - RW	2016	\$1,600,000	N/A	N/A	N/A	N/A
	12	RECYCLED WATER RETROFITS	2016	\$450,000	N/A	N/A	N/A	N/A
	7	RESERVOIR RECOATING PROGRAM - RW	2016	\$2,970,000	N/A	N/A	N/A	N/A
	7	RW PROJECT PER ASSET MANAGEMENT MODEL	2016	\$4,500,000	N/A	N/A	N/A	N/A
	7	SERVICE SECTION AND MCC REPLACEMENT PROGRAM - RW	2016	\$700,000	N/A	N/A	N/A	N/A
	7	MH REHABILITATION PROGRAM	2016	\$3,150,000	N/A	N/A	N/A	N/A
	7	SEWER LINING PROGRAM	2016	\$2,400,000	N/A	N/A	N/A	N/A
	7	WW PROJECT PER ASSET MANAGEMENT MODEL	2016	\$4,500,000	N/A	N/A	N/A	N/A
	7	SERVICE SECTION AND MCC REPLACEMENT PROGRAM - WW	2016	\$1,400,000	N/A	N/A	N/A	N/A
Subtotal				\$75,700,000		\$450,000	\$265,000	\$185,000
TOTAL				\$365,557,998	\$48,505,994	\$46,569,520	\$5,596,600	

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