

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

27500 La Paz Road, Laguna Niguel

April 15, 2013

9:00 AM

Approximate Meeting Time: 2 Hours

1. Call Meeting to Order
2. Approve the Minutes of the March 18, 2013 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.

4. **CLOSED SESSION:**

A CLOSED SESSION WILL BE CONDUCTED IN ACCORDANCE WITH GOVERNMENT CODE SECTION 54957.6 TO:

CONFERENCE WITH LABOR NEGOTIATORS:

District representatives:

Joone Lopez, General Manager/Chief Negotiator
Matt Collings, Director of Engineering and Operations
Gina Hillary, Director of Human Resources
Michael Gomez, Acting Director of Finance

Employee organization:

Moulton Niguel Water District Employee Association (MNWDEA)

DISCUSSION ITEMS

5. Quarterly Construction Progress Report
6. Rancho Underground Pump Station Refurbishment, Project No. 2011.026 – Construction Contract

7. Relocation of the Kite Hill Pressure Reducing Station, Project No. 2010.003 – Engineering Services Contract Amendment

INFORMATION ITEMS

8. Update of the South Orange Coastal Ocean Desalter Project
9. 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]

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) 643-2006 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 24 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.

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

March 18, 2013

A Special 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 8:00 AM on March 18, 2013. There were present and participating:

DIRECTORS

Scott Colton	Director
Richard Fiore	Director
Donald Froelich	Vice President/Chair
Gary Kurtz	Director
Larry Lizotte	Director
Larry McKenney	President
Brian Probolsky	Vice President

Also present and participating were:

STAFF MEMBERS, LEGAL COUNSEL, AND MEMBERS OF THE PUBLIC

Joone Lopez	General Manager
Matt Collings	Director of Engineering & Operations
Gina Hillary	Director of Human Resources
Todd Novacek	MNWD
Eva Plajzer	MNWD
Michael Gomez	MNWD
Kelly Winsor	MNWD
Amber Leaverton	MNWD
Leslie Gray	Board Secretary

Call Meeting to Order

Approve the Minutes of the February 19, 2013 Special Meeting of the Engineering and Operations Board of Directors' Meeting

MOTION DULY MADE BY SCOTT COLTON AND SECONDED BY GARY KURTZ, THE MINUTES OF THE FEBRUARY 19, 2013 SPECIAL MEETING OF THE ENGINEERING AND OPERATIONS BOARD OF DIRECTORS' MEETING WERE APPROVED AS PRESENTED. LARRY MCKENNEY ABSTAINED.

Public Comments

None

A CLOSED SESSION WILL BE CONDUCTED IN ACCORDANCE WITH GOVERNMENT CODE SECTION 54957.6 TO:

CONFERENCE WITH LABOR NEGOTIATORS:

District representatives:

Joone Lopez, General Manager/Chief Negotiator
Matt Collings, Director of Engineering and Operations
Gina Hillary, Director of Human Resources
Michael Gomez, Senior Financial Analyst

Employee organization:

Moulton Niguel Water District Employee Association (MNWDEA)

Brian Probolsky arrived at 8:05 a.m.

The meeting was adjourned to Closed Session at 8:06 a.m. The meeting was reconvened to open session at 11:00 a.m. Larry McKenney stated there was no reportable action to announce.

DISCUSSION ITEMS

Quarterly Report on Joint Powers Authority Activity

Matt Collings briefed the Board members on the current status of the various Joint Powers Authorities (JPAs) the District is involved with, along with other regional partnerships and programs that impact the District's operations and finances. He reported that staff is thoroughly reviewing all JPA budgets. Gary Kurtz questioned what percentage the District participates in each JPA. Matt Collings explained that it depends on each individual Project Committee of each JPA and is based on ownership and capacity. He stated he would provide the Board members with complete budgets of all JPAs in the near future once they are complete and staff has reviewed.

Quarterly Report on Communications License Program

Eva Plajzer rendered a report on the current activities and new requests for cellular leases. She recommended that the License Program be amended to include a lease default/penalty for unauthorized work at cell sites. Staff will bring back recommendations for policy revisions at a future Board meeting.

Fiscal Year 2012-2013 Security Services - Contract Amendment

Matt Collings reported that the security guards at both the Main Office and at Plant 2A have been well received by employees, customers, and vendors. Staff is currently looking into a more permanent solution for the future. The Board will be asked to approve a contract amendment with G4S Security Services to extend the term of the contract to June 30, 2014 and increase the contract amount by \$150,000 for a total not-to-exceed \$190,000.

INFORMATION ITEMS

South Orange County Wastewater Authority Coastal Treatment Plant (Project Committee 15), Export Sludge Force Mains

SOCWA is moving forward with the replacement of the sludge force main and Matt Collings reported on the next steps. SOCWA staff is working to secure a Coastal Development Permit, after which it will move forward with the design and construction within approximately 18 months.

Long Range Water Resources Plan

Joone Lopez gave a snapshot of reliability programs going forward. Matt Collings and Eva Plajzer have finalized the draft Request for Proposal (RFP) for the Long Range Water Resources Plan and will issue that within the next few weeks. The Contract will be presented to the Board Members in May.

Late Items (Special Meeting - No Additions)

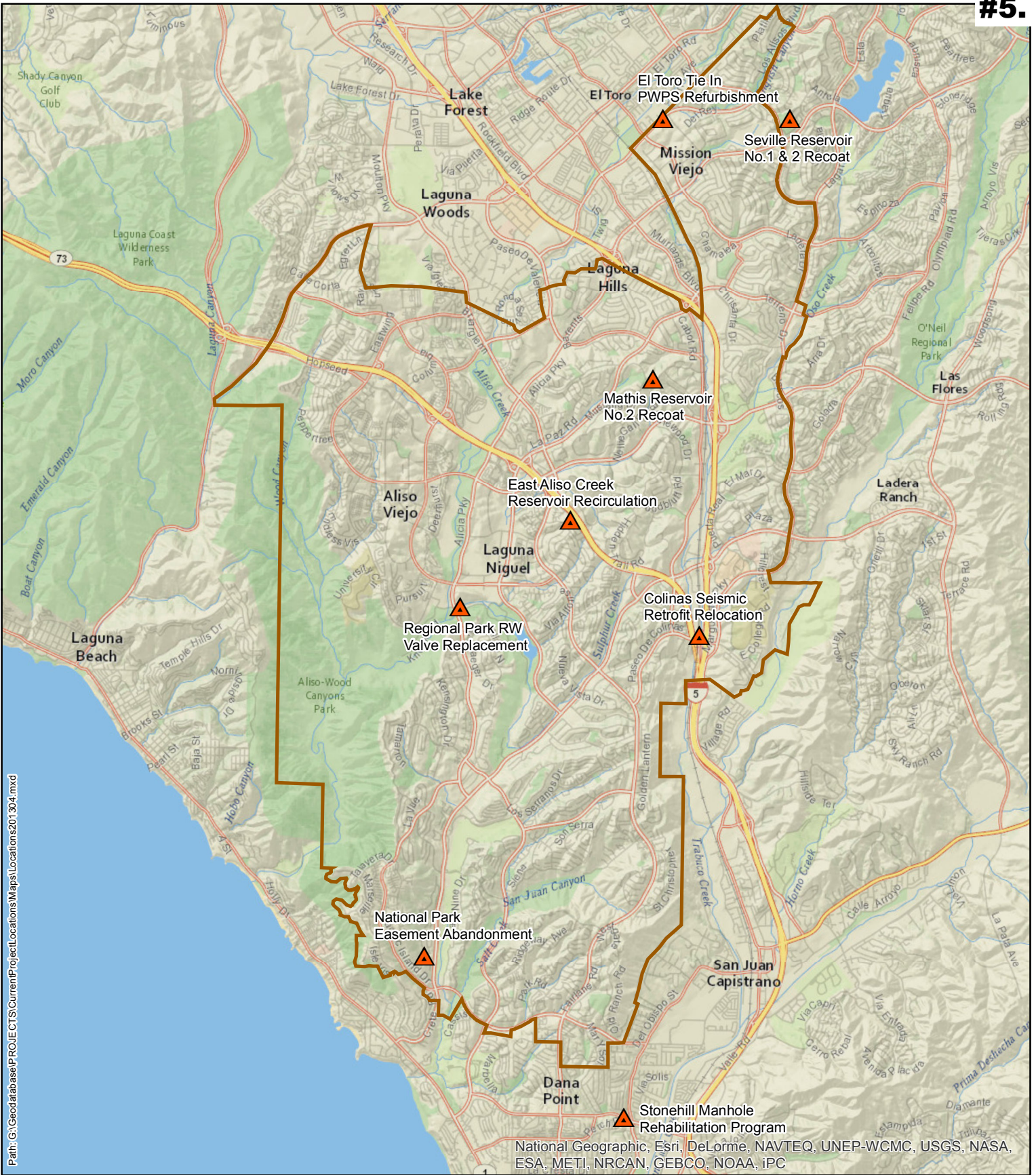
None

Adjournment

There was no further business to come before the Engineering & Operations Board, and the meeting was adjourned at 11:35 a.m.



Respectfully submitted,

Leslie C. Gray
Board Secretary



Path: G:\Geodatabase\PROJECTS\Current\Project\Locations\Maps\Locations201304.mxd

National Geographic, Esri, DeLorme, NAVTEQ, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, IPC

-  Project Locations
-  District Boundary



Scale -5- 85,000

**Quarterly Construction
Progress Report
April 2013**



Project : Manhole Rehabilitation Program FY 12-13
 Contract No: 2012.004
 Contractor : Ayala Eng.
 Engineer : District Staff

**MANHOLE REHABILITATION PROGRAM
FY 12-13**

SCOPE OF WORK : Rehabilitation of existing Sewer Manholes on Stonehill Dr.



DETAILS :

Fund	07 Replace and Refurbishment
Notice To Proceed	Pending
Est. Completion Date	06/30/13
Authorized Expense	\$ 58,000
Paid To Date	\$ 4,605
Percent Completed	5%

NOTES : Board award on 12/20/12. Pending contract execution.

Stonehill Dr. Manholes

Project East Aliso Creek Res. Recirculation Project
 Contract No: 2011.038
 Contractor : Crosno
 Engineer : District Staff

**EAST ALISO CREEK RESERVOIR
RECIRCULATION PROJECT**

SCOPE OF WORK : Install sample ports, man ways, railing and recirculation and injection system.



DETAILS :

Fund	07 Replace and Refurbishment
Notice To Proceed	Pending
Est. Completion Date	06/30/13
Authorized Expense	\$ 141,000
Paid To Date	\$ 0
Percent Completed	0%

NOTES : Board award 01/17/13. Tank is currently being drained in preparation for the upcoming work. Pre-job was held on 04/03/13.

East Aliso Creek Reservoir



AS OF 3/19/13

Project: National Park Easement Abandonment
Contract No: 2011.030
Contractor: Paulus Engineering Inc.
Engineer: District Staff

**NATIONAL PARK EASEMENT
ABANDONMENT**

SCOPE OF WORK : Abandon an 8” Easement and relocate an existing water service.



DETAILS :

Fund 07 Replace and Refurbishment
Notice To Proceed 02/05/13
Est. Completion Date 04/31/13
Authorized Expense \$ 38,000
Paid To Date \$ 768
Percent Completed 1%

NOTES : Work on this project began 03/20/13.

National Park

Project: Regional Park RW Valve Replacement
Contract No: 2011.017
Contractor: Paulus Engineering Inc.
Engineer: District Staff

**REGIONAL PARK RECYCLED WATER
VALVE REPLACEMENT**

SCOPE OF WORK : Replace three existing 16” recycled water valves.



DETAILS :

Fund 07 Replace and Refurbishment
Notice To Proceed 02/05/13
Est. Completion Date 06/30/13
Authorized Expense \$ 35,000
Paid To Date \$ 691
Percent Completed 1%

NOTES : Project is scheduled to begin the first week of April.

Regional Park



<p>Project: Seville Reservoir No. 1 & 2 Contract No. : 2011.021 Contractor : Advanced Industrial Services Engineer : Harper & Associates</p>	<p>SEVILLE RESERVOIR NO. 1 & 2</p>
<p>SCOPE OF WORK : Recoat the interior and exterior of both reservoirs.</p>	
<p>DETAILS :</p> <p>Fund 07 Replace and Refurbishment</p> <p>Notice To Proceed 02/09/12</p> <p>Est. Completion Date 05/31/13</p> <p>Authorized Expense \$ 925,000</p> <p>Paid To Date \$ 888,559</p> <p>Percent Completed 100%</p>	
<p>NOTES : Work has been completed. N.O.C was filed on 03/18/13.</p>	

<p>Project: Mathis Reservoir No. 2 Contract No. : 2011.019 Contractor : Advanced Industrial Services Engineer : Harper & Associates</p>	<p>MATHIS RESERVOIR NO. 2 REFURBISHMENT</p>
<p>SCOPE OF WORK : Recoat the interior and exterior of Reservoir #2.</p>	
<p>DETAILS :</p> <p>Fund 07 Replace and Refurbishment</p> <p>Notice To Proceed 06/15/12</p> <p>Est. Completion Date 05/31/13</p> <p>Authorized Expense \$ 550,000</p> <p>Paid To Date \$ 385,208</p> <p>Percent Completed 100%</p>	
<p>NOTES : Work has been completed. N.O.C was filed on 03/18/13.</p>	



AS OF 3/19/13

Project: Colinas Seismic Retrofit Relocation
 Contract No: 2011.071
 Contractor: Paulus Engineering Inc.
 Engineer: CivilSource

**COLINAS SEISMIC RETROFIT
UTILITY RELOCATION**

SCOPE OF WORK : Relocate the 20” outfall sewer line and the 12” potable water line in advance of proposed retrofits being implemented by the City of Laguna Niguel.



DETAILS :

Fund 07 Replace and Refurbishment
 Notice To Proceed 06/04/12
 Est. Completion Date 05/31/13
 Authorized Expense \$ 342,000
 Paid To Date \$ 246,190
 Percent Completed 100%

NOTES : Work has been completed, awaiting final billing to be processed.

Camino Capistrano at Paseo De Colinas Overpass

Project: El Toro Tie In PS Refurbishment
 Contract No: 2011.025
 Contractor: F.T Ziebarth
 Engineer: In House

**EL TORO TIE IN
POTABLE WATER
PUMP STATION REFURBISHMENT**

SCOPE OF WORK : Installation of a new efficient pump and motor, replacement of the existing pump control valve and isolation valves, and modifications to the electrical system.



DETAILS :

Fund 07 Replace and Refurbishment
 Notice To Proceed 06/21/12
 Est. Completion Date 05/31/13
 Authorized Expense \$ 135,200
 Paid To Date \$ 11,140
 Percent Completed 100%

NOTES : Project is complete, awaiting final billing to be processed.

El Toro Tie In Pump Station

Moulton Niguel Water District



STAFF REPORT

TO: Board of Directors **MEETING DATE:** April 15, 2013

FROM: Matt Collings, Director of Engineering and Operations
Eva Plajzer, Principal Engineer

SUBJECT: **Construction Services Contract for Rancho Underground Pump Station Refurbishment**
Project No. 2011.026

SUMMARY:

Issue: Staff issued a Notice Inviting Sealed Proposals (Bids) for pump station refurbishment at Rancho Underground Potable Water Pump Station.

Recommendation: Reject all bids.

Fiscal Impact: Project No. 2011.026 has an adopted FY 2012-13 budget of \$200,000 from Fund 7, Replacement and Refurbishment. The project will be moved to FY 14-15 or potentially completed by a developer.

Previously Related Action: None

BACKGROUND:

The Rancho Underground Pump Station is located in the City of Laguna Niguel. Construction of the original pump station was completed in 1965. The pump station was rehabilitated in 1985 with a new pump, motor and various appurtenances. The pump station is one of several that pump water from the 450-zone to the 650-zone in the southern part of the District. It also contains a pressure reducing valve that can be used to supply flow from the 650-zone to the 450-zone in the event of an emergency. Existing equipment in the pump station was installed in 1985 and is currently out-of-service requiring an overhaul. This pump is an obsolete model and parts are no longer available. As a result, maintenance and repair of the existing pump is no longer cost-effective and replacement is necessary. Exhibit 1 shows the location of the pump station.

#6.

The Rancho Underground Pump Station Refurbishment Project proposes installation of a new pump, motor and appurtenances. The work that is proposed under this project includes:

- demolition/removal of the exiting pump, motor, pump base, valves, piping, ventilation system and appurtenances
- installation of a new skid-mounted horizontal split-case pump and motor
- installation of new gate valves and a new pump control valve
- modification to the HVAC equipment
- miscellaneous piping, electrical, and equipment modifications/improvements

Recently, District staff met with Euland Capitol Enterprises, a property developer, and Hunsaker & Associates, a civil engineering firm, to discuss a potential project to develop a new housing tract on the vacant land around the pump station. The property developer is proposing a 67-unit detached condominium development on this site. In 1965, a developer attempted to build a tract of single family homes on the vacant land surrounding the pump station. Streets and utilities were constructed, but the project was abandoned before construction of any single family homes. In order to implement the proposed condominium project, the engineering firm is initiating an investigation to determine the extent of the geotechnical improvements. They expect preliminary findings in the next three to six months. If the project is determined feasible, the geotechnical improvements would potentially require significant elevation cuts that would impact the pump station and surrounding piping. The property developer is proposing to relocate and construct a new facility for the District.

DISCUSSION:

The District requested bids, and on February 27, 2013, received six sealed bids for the subject contract. The table below summarizes the received bids.

Staff reviewed the bids and determined that the lowest responsible and responsive bidder is Pascal & Ludwig. Staff has completed its review of the contract documents and has determined that they are in order. However, given the situation with the potential development of the property, staff is recommending that all bids be rejected. When the development of the property is resolved, staff will either rebid the project or work with the developer to construct the project within their proposed development.

Firm	Bid
Pascal & Ludwig	\$180,254.00
S.S. Mechanical	\$182,400.00
Don Peterson Contracting	\$187,175.83
R.C. Foster	\$197,400.00
Schuler Engineering	\$203,350.00
Caliagua	\$218,600.00

RECOMMENDATION:

Staff is recommending the Board of Directors take the following actions under the consent calendar at the April 18, 2013, regular Board Meeting:

- Reject all bids

SUMMARY OF PROJECT BUDGET:

The table below summarizes the project budget.

	Previously Approved	Requested Amount	Total Amount	Expended to Date
Project Items				
Design Services	\$4,000	\$0	\$0	\$3,702
Construction	\$181,000	\$0	\$0	\$0
Legal Services	\$1,500	\$0	\$0	\$0
District Labor	\$4,500	\$0	\$0	\$0
Contingency	\$9,000	\$0	\$0	\$0
Totals	\$200,000	\$0	\$0	\$3,702

Overall Project Budget

Project Amount in Current Budget	\$200,000
Current Expense Authorization	\$5,000
Additional Expense Authorization Request	\$0
Project Total Expense Authorization	\$5,000

Moulton Niguel Water District



STAFF REPORT

TO: Board of Directors **MEETING DATE:** April 15, 2013

FROM: Matt Collings, Director of Engineering and Operations
Eva Plajzer, Principal Engineer

SUBJECT: Amendment to Engineering Design Services for the Relocation of the Kite Hill Pressure Reducing Station (PRS)
Project Number: 2010.003

SUMMARY:

Issue: Staff negotiated an amendment and fee change to the original scope of work for the Kite Hill PRS Relocation Project.

Recommendation: Authorize the General Manager to execute Amendment No. 1 to the Engineering Design Services Agreement with Psomas for an amount of \$20,364 for a total contract amount not-to-exceed \$67,874; and increase the overall expense authorization by \$20,000 from \$60,000 to a total of \$80,000.

Fiscal Impact: Contract 2010.003 has an approved Fiscal Year 2012-2013 Budget of \$350,000 from Fund 14, Planning and Construction.

Previously Related Action: The following is a summary of the most recent actions taken by the Board of Directors on the subject project:

- January 20, 2011 – Awarded an Engineering Services Contract for preparation of contract documents for the relocation of the Kite Hill PRS to Psomas for an amount not-to-exceed \$47,510 and approved an expense authorization in the amount of \$60,000.
- November 13, 2012 - a closed session was conducted under government code section 54956.8, to confer with real property negotiators regarding the acquisition of MNWD easement from Kite Hill Community Association for the PRS.

BACKGROUND:

In late 1977, the District installed a 10-inch 650-zone pipeline from the intersection of Alicia Parkway and Niguel Road north along Alicia Parkway to Kite Hill Drive and a

#7.

pressure reducing station. The existing facility is located behind the curb on Alicia Parkway just south of the Kite Hill Drive South intersection. The pipeline and pressure reducing station is the primary feed for the entire Kite Hill community. The only additional services available to the area are a pressure reducing station from the 30-inch Central Intertie Pipeline off Niguel Road and a high-low interconnection to the 450-zone at the intersection of Jaeger Drive and Brant Lane. These additional connections require staff to manually open valves and operate the facilities to provide service to the Kite Hill community. Exhibit A shows the location of the Kite Hill PRS and adjacent facilities.

The pressure reducing station relocation is being proposed for a variety of factors that have been evaluated by staff, including:

- Age of the existing valves and piping within the vault
- Safety concerns regarding appropriate access to the facility off Alicia Parkway
- Critical nature of the facility as the primary service to the Kite Hill Community
- The current vault design is not consistent with current District standards to provide appropriate maintenance, i.e. access, ventilation, drainage, etc.

Staff is proposing to have a new pressure reducing station that is consistent with current District standards constructed at a more appropriate location for operating and maintaining the facility. The existing facility would be abandoned at its current location per City of Laguna Niguel requirements as the facility is located in a public street.

A Request for Proposal was sent to five firms for engineering services to prepare a construction contract package for bidding purposes, acquire the necessary permits, and perform construction related support services. Five proposals were received on December 3, 2010. The Board of Directors took action on January 20, 2011 to award the contract for engineering services to Psomas for \$47,510.

Psomas began work on the project in February 2011. During the preliminary design phase, a site along Auklet Lane was identified as the best location because it was out of the travel lanes and allowed for an improved design with hatched access. In order to construct the PRS along Auklet Lane, an easement of about 348 square feet will be required from the Kite Hill Homeowners Association (HOA). The District completed its negotiations with the HOA for the easement and recordation documents need to be prepared and submitted to the County of Orange.

DISCUSSION:

The project began in January 2011 and had an initial design schedule of approximately three months. During the preliminary design, project issues came up with the City of Laguna Niguel and the HOA regarding the location of the project. There is a paving moratorium on the street where the PRS was proposed to be relocated and an easement was needed from the HOA for an adjacent greenbelt.

The consultant was redirected from performing design services to providing support to resolve the outstanding issues. The project issues have been resolved and the design portion of the project can be restarted. Psomas performed work outside of their design scope to support the resolution of the project issues and needs to perform additional design to complete the project. The amendment request is summarized in the table below and the details are provided in the scope of work attached to the Amendment No. 1 in Exhibit B.

Item	Hours	Fee
<i>Additional Services for Issue Resolution</i>		
Additional Exhibits	42	\$5,680
50% Project Cost Estimate	4	\$632
Coordination	14	\$2,210
<i>Additional Services to Complete Design</i>		
Plat and Legal for Easement	19	\$2,990
Additional Pipe Length (1 plan sheet)	50	\$6,160
Landscape replacement coordination	2	\$374
Additional Design Review Meeting	2	\$374
Update Utility Search	16	\$1,944
Total		\$20,364

RECOMMENDATION:

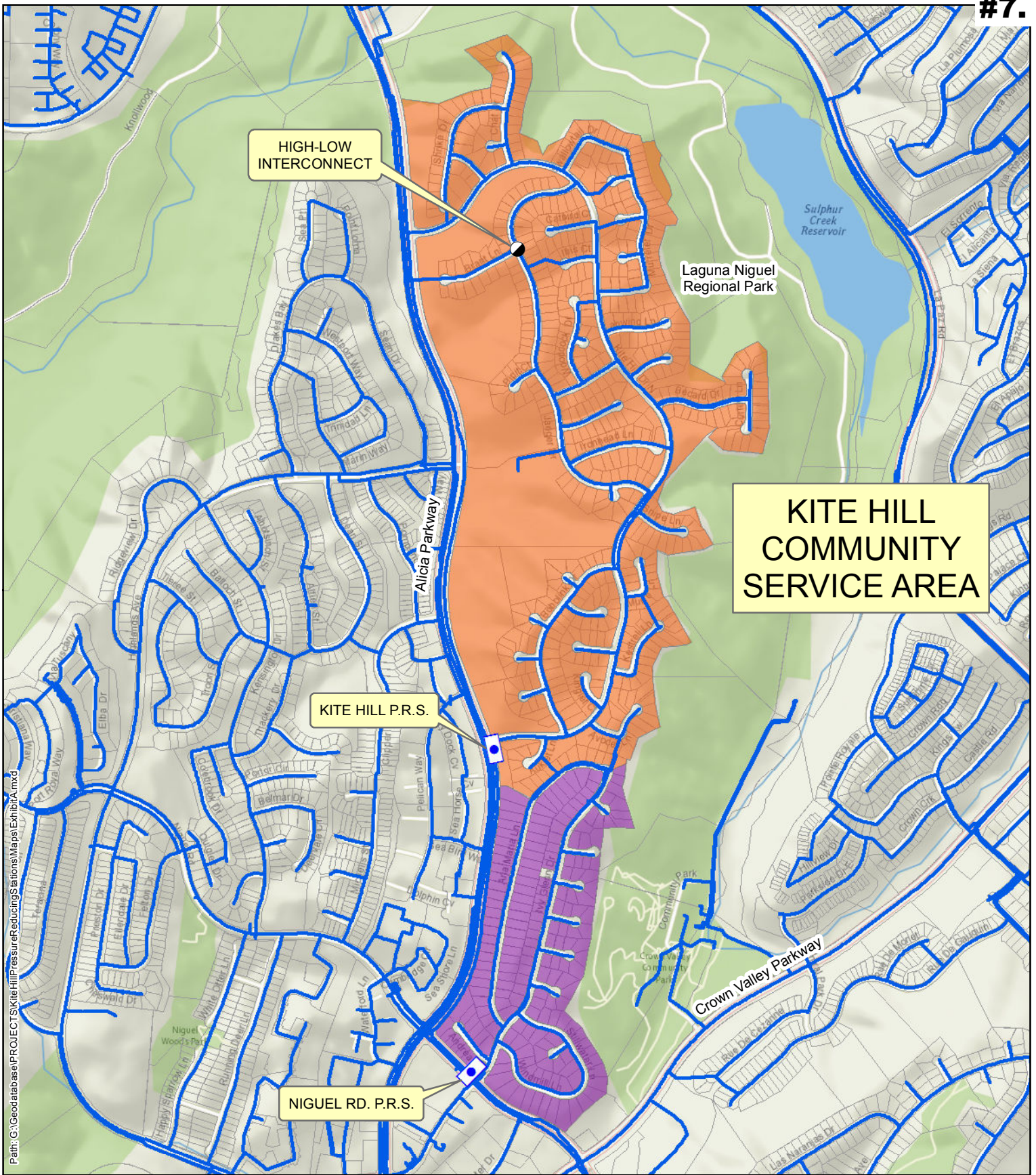
Staff is recommending the Board of Directors take the following actions under the consent calendar at the April 18, 2013, Regular Board Meeting:

- Increase the project expense authorization by \$20,000 from \$60,000 to a total of \$80,000.
- Authorize the General Manager to execute Amendment No. 1 to the Engineering Design Services Agreement with Psomas for an amount of \$20,364 for a total contract amount not-to-exceed \$67,874;






#7.**SUMMARY OF PROJECT BUDGET**

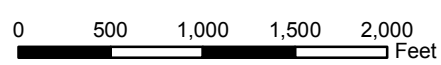
The table below summarizes the project budget.

	Previously Approved	Requested Amount	Total Amount	Expended to Date
Project Items				
Psomas Contract	\$47,510	\$20,364	\$67,874	\$23,992
Construction	\$0	\$0	\$0	\$0
Permit Fees	\$0	\$0	\$0	\$0
Property Acquisition	\$0	\$5,000	\$5,000	\$0
Contingency	\$9,490	(\$5,364)	\$4,126	\$0
District Labor & Other	\$3,000	\$0	\$3,000	\$0
Totals	\$60,000	\$20,000	\$80,000	\$23,992
Overall Project Budget				
Project Amount in Current Budget			\$350,000	
Current Expense Authorization			\$60,000	
Additional Expense Authorization				
Request			\$20,000	
Project Total Expense				
Authorization			\$80,000	



Path: G:\Geodatabase\PROJECT\Kite Hill\Pressure Reducing Stations\Maps\ExhibitA.mxd

-  Pressure Reducing Station
-  Potable Water Mains
-  Kite Hill HOA Service Area
-  Non HOA Service Area
-  Parcels



Scale = 1:12,500

**EXHIBIT A
VICINITY MAP**

**Kite Hill Pressure Reducing
Station (PRS) Relocation
Project No. 2010.003**



**Amendment No. 1 to Professional Service Agreement with
Exhibit B
Psomas**

**AMENDMENT NO. 1 TO EXTEND AND AMEND AGREEMENT
FOR ENGINEERING SERVICES
PSOMAS**

MNWD PROJECT: KITE HILL PRESSURE REDUCING STATION RELOCATION

This Amendment No. 1 is entered into and effective as of the _____ day of _____, 2013, extending and amending the agreement dated January 31, 2011 (the "Agreement") by and between the Moulton Niguel Water District, a California Water District ("MNWD"), and Psomas, ("Contractor") (collectively, the "Parties") for (description of project).

RECITALS

- A. The Parties desire to alter the Agreement's scope of work to add additional services to prepare a plat and legal, additional design and supporting tasks; and
- B. The Parties desire to extend the Agreement until December 31, 2013; and
- C. The Parties have negotiated and agreed to a supplemental scope of work and fee schedule, which is attached to and incorporated in by this reference as Exhibit "A", Scope of Services and Fee.

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

- 1. That the Agreement, as may have been amended from time to time, is hereby extended until **December 31, 2013**.
- 2. MNWD will pay Contractor for all work associated with those services described in Exhibit "A" on a time and materials basis not-to-exceed **twenty thousand three hundred sixty four dollars (\$20,364.00)**. With this Amendment, the total Agreement amount shall not exceed **sixty seven thousand eight hundred seventy four dollars (\$67,874.00)**. Contractor will provide MNWD, on a monthly basis, copies of invoices sufficiently detailed to include hours performed, hourly rates, and related activities and costs for approval by MNWD.
- 3. All other provisions of the Agreement, as may have been amended from time to time, will remain in full force and effect. In the event of any conflict or inconsistency between the Agreement and previous amendments and this Amendment No. 1, the terms of this Amendment No. 1 shall control.
- 4. All requisite insurance policies to be maintained by the Contractor pursuant to the Agreement, as may have been amended from time to time, will include coverage for this Amendment.

:::
:::
:::

#7.

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

CONTRACTOR

*By:

(sign here)

(print name/title)

(e-mail address)

MOULTON NIGUEL WATER
DISTRICT, a California Water District

By:

Joone Lopez
General Manager

)

EXHIBIT "A"

SCOPE OF SERVICES AND FEE

Itemized List of what Contractor will do for MNWD and at what price.

March 29, 2013

Ms. Eva Plajzer, P.E.
Moulton Niguel Water District
26161 Gordon Road
Laguna Hills, CA 92653-8224

Subject: Kite Hill Pressure Reducing Vault Project
Request for Amendment No. 1
Additional Design Services

Dear Ms. Plajzer:

INTRODUCTION

Pursuant to our meeting on March 26, 2013, MNWD requested Psomas to restart the Kite Hill PRV Project and to provide a proposal for additional work effort. A brief summary of the project timeline is presented below for reference.

MNWD gave Psomas notice to proceed in early February 2011. During the design process, MNWD asked Psomas to evaluate alternative locations for the vault. Based on existing utilities and design parameters of the vault, Psomas performed the evaluation and provided a rough sketch of optional locations in early March. The first location was in Kite Hill Drive, approximately 150 feet west of Auklet Lane and the second location was in Auklet Lane near the intersection of Kite Hill Drive. However, the City of Laguna Niguel had recently paved Auklet Lane and requests by MNWD to perform construction during the moratorium were denied. As a result, MNWD requested Psomas to prepare plans based on the first location in Kite Hill Drive and Psomas submitted the 50% Design Package on March 28, 2011. On March 30, 2011 MNWD asked Psomas to stop work as they felt the optimal location in Auklet Lane should be pursued.

MNWD had many discussions with the City of Laguna Niguel during the following months with no change in their response. MNWD then considered a third location in the grassy common area on the southeast corner of Kite Hill Drive and Auklet Lane.

In early January of 2012, MNWD requested Psomas prepare design exhibits showing the PRV in the common area for presentation to the local homeowner's association (HOA). In October of 2012, MNWD requested a construction cost opinion for the exhibit. Negotiations with the HOA took several months, however, an agreement was finally reached and on March 26, 2013 MNWD held a meeting with Psomas to restart the project.

Due to budget concerns and the amount of effort that was expended, we respectfully request compensation for the coordination and work effort to evaluate the optional locations during the design process. This letter also includes our estimated labor hours and fee for the additional work effort to meet MNWD's latest design direction.

3 Hutton Centre Drive
Suite 200
Santa Ana, CA 92707

Tel 714.751.7373
Fax 714.545.8883
www.psomas.com

Ms. Eva Plajzer
Page 2
March 29, 2013
2MOU060152

ADDITIONAL DESIGN SERVICES

The following additional work effort has already been performed:

- Prepare Exhibits – In early March of 2011, MNWD requested Psomas investigate optional locations for the PRV in Kite Hill Drive and Auklet Lane. Psomas evaluated alternative locations and prepared a rough sketch for review. In January of 2012, MNWD requested more detailed exhibits of a third option (as described in the narration above) for the vault within the HOA common area. We have taken into consideration the details of the exhibit may be used in future design, so we are requesting funds for only the additional work effort.
- Prepare 50% Estimate – In October of 2012, MNWD requested a construction cost opinion for the revised vault location for the HOA meeting. The 50% Cost Opinion was not part of the original scope; however, this can be used for future design. We have added a few hours for this additional work effort.
- Additional Coordination – We request additional funds for time spent in additional coordination with MNWD not anticipated during the proposal process, including time to reassess and restart the project.

We anticipate the following additional design services will be required:

- Plat and Legal Description – We will prepare one legal description and exhibit plat for the proposed MNWD pressure reducing valve vault behind sidewalk along Auklet Lane, south of Kite Hill Drive South. The legal description is for accessor's parcel number 654-151-44.

It is assumed that once authorized to prepare the legal and plat that no design changes will be made. This budget accounts for reviewing comments from MNWD one time after submittal of the legal and plat set; and making minor corrections based upon MNWD comments.

- Additional Pipe Length – Prepare plan and profile including annotation for extended pipe length of approximately 300 feet for 90%, 100% and Final design plans. The extended length also affects notations and adds a detour on the traffic control plans.
- Coordination with Landscaper – Once MNWD provides the contact person; we will coordinate with the HOA landscaper to define the location of the existing irrigation system. The design plans will include notations to repair the irrigation system and landscaping.
- Design Review Meeting – Attend a design review meeting for the 90% Design and prepare minutes.
- Utility Research – Perform utility research for the project area to verify no utilities have been constructed in the past 2 years.

3 Hutton Centre Drive
Suite 200
Santa Ana, CA 92707

Tel 714.751.7373
Fax 714.545.8883
www.psomas.com

Ms. Eva Plajzer
Page 3
March 29, 2013
2MOU060152

Exclusions:

- Research and obtain required vesting deeds and title reports.

UPDATED PROJECT SCHEDULE

Based on our review of the remaining work effort, we present an updated project schedule for the District.

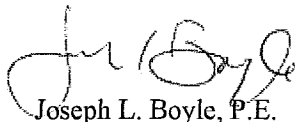
▶ 90% Design Submittal	April 19, 2013
▶ MNWD Review Completed	April 26, 2013
▶ 100% Design Submittal	May 3, 2013
▶ MNWD Review Completed	May 8, 2013
▶ Plans Approved	May 15, 2013
▶ Bid Opening	June 12, 2013
▶ Construction Award	June 26, 2013

This schedule is contingent on a one week review period for MNWD and minimal comments after the 100% Submittal.

To complete the Kite Hill PRV Project, we respectfully request an increase in budget of \$20,364. A breakdown of the fee is included in the attached table. If you have any questions or require additional information, please do not hesitate to call.

Sincerely,

PSOMAS



Joseph L. Boyle, P.E.
Vice President/Senior Project Manager



Neha Gajjar, P.E.
Project Manager

Encl.
JLB:NG:dc

3 Hutton Centre Drive
Suite 200
Santa Ana, CA 92707

Tel 714.751.7373
Fax 714.545.8883
www.psomas.com

MOULTON NIGUEL WATER DISTRICT
Kite Hill Pressure Reducing Station Relocation
 Amendment Request No. 1
 Estimated Labor Hours and Fees

Scope of Work Tasks	In-House Labor Hours										Total Hours	FEE	Direct Costs	Total Fee	
	PM	QC	PE	CADD	PA	Survey	TE								
Additional Design Services (Expended)															
Prepare Exhibits	8	4	6	24	0	0	0	0	0	0	42	\$5,680	\$0	\$5,680	
Prepare 50% Estimate	0	2	2	0	0	0	0	0	0	0	4	\$632	\$0	\$632	
Additional Coordination	8	4	0	0	2	0	0	0	0	0	14	\$2,210	\$0	\$2,210	
Subtotal Task 1	16	10	8	24	2	0	0	0	0	0	60	\$8,522	\$0	\$8,522	
Additional Design Services (Required)															
Preparation of Plat and Legal Description	2	0	0	1	0	16	0	0	0	0	19	\$2,940	\$50	\$2,990	
Additional Pipe Length (90%, 100% and Final)	4	2	10	24	6	0	4	0	0	0	50	\$6,010	\$150	\$6,160	
Coordination with Landscaper (90% and 100%)	2	0	0	0	0	0	0	0	0	0	2	\$324	\$50	\$374	
Design Review Meeting (90% Review)	2	0	0	0	0	0	0	0	0	0	2	\$324	\$50	\$374	
Utility Research	2	0	8	4	2	0	0	0	0	0	16	\$1,884	\$50	\$1,934	
Subtotal Task 2	12	2	18	29	8	16	4	0	0	0	89	\$11,492	\$350	\$11,842	
Total Estimated Hours and Fee for Tasks 1-2	28	12	26	53	10	16	4	0	0	0	149	\$20,014	\$350	\$20,364	

Legend of Posmas Staff

PM - Project Manager (Neha Gajjar, \$162/hr)
 QC - Quality Control (Joseph Boyle, \$196/hr)
 PE - Project Engineer (Nancy Heim, \$120)
 CADD — Lead CAD Designer (John Kaneshiro, \$120/hr)
 PA - Project Assistant (Daisy Cayetano, \$65/hr)
 Survey - Surveyor (KC Offenber, \$156/hr)
 TE - Traffic Engineer (Jonathan Levitus, \$125/hr)

March 29, 2013

