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Water & Wastewater Service

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RANCHO LAS VIRGENES
COMPOSTING FACILITY

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MEMBER AGENCY OF THE
METROPOLITAN WATER
DISTRICT
SOUTHERN CALIFORNIA

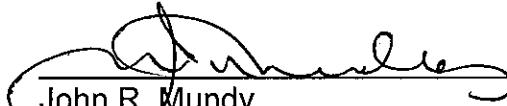
October 1, 2008

Call and Notice of Meeting of the Governing Board of the Las
Virgenes Municipal Water District -- Triunfo Sanitation District
Joint Powers Authority

A Joint Powers Authority Meeting of the Board of Directors of Las
Virgenes Municipal Water District and Triunfo Sanitation District is
hereby called, and notice of said Meeting is hereby given for 5:00 p.m.
on Monday, October 6, 2008 at the Rancho Las Virgenes Composting
Facility, 3700 Las Virgenes Road, Calabasas, California 91302 to
consider the following:

- 1 Joint Powers Authority Business
Meeting (Agenda Attached)
- 2 Adjourn

By Order of the Board of Directors
JOSEPH M. BOWMAN, Chair


John R. Mundy
Administering Agent General Manager
Joint Powers Authority

c: Each Director



LAS VIRGENES MUNICIPAL WATER DISTRICT
TRIUNFO SANITATION DISTRICT

JOINT POWERS AUTHORITY
AGENDA

CLOSING TIME FOR AGENDA IS 8:30 A.M. ON THE TUESDAY PRECEDING THE MEETING. GOVERNMENT CODE SECTION 54954.2 PROHIBITS TAKING ACTION ON ITEMS NOT ON POSTED AGENDA UNLESS AN EMERGENCY, AS DEFINED IN GOVERNMENT CODE SECTION 54956.5 EXISTS OR UNLESS OTHER REQUIREMENTS OF GOVERNMENT CODE SECTION 54954.2(B) ARE MET.

5:00 PM

OCTOBER 6, 2008

PLEDGE OF ALLEGIANCE

1. CALL TO ORDER AND ROLL CALL

The meeting was called to order at ___p.m. by ___ in the Rancho Las Virgenes Composting Facility Meeting Room and the Clerk of the Board called the roll.

	<u>Present</u>	<u>Left</u>	<u>Absent</u>
Triunfo Sanitation District			
Dennis Gillette	_____	_____	_____
Tom Glancy	_____	_____	_____
Janna Orkney	_____	_____	_____
Linda Parks	_____	_____	_____
Ronald Stark – Vice Chair	_____	_____	_____
Las Virgenes Municipal Water District			
Joseph Bowman – Chair	_____	_____	_____
Charles Caspary	_____	_____	_____
Glen Peterson	_____	_____	_____
Lee Renger	_____	_____	_____
Jeff Smith	_____	_____	_____

2. APPROVAL OF AGENDA

Moved by _____, seconded by _____, and _____, that the agenda for the October 6, 2008 meeting be approved as presented/amended.

3. PUBLIC FORUM

Members of the Public may address the panel on items that do not appear on the agenda; and on items within the jurisdiction of the panel, providing that no action shall be taken on any item not appearing on the agenda unless authorized by Government Code Section 54954.2.

4. **ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS**

- A Combined Heat, Power and Solar (CHPS) Project Update
- B Trunk Sewer Presentation
- C Creek Avoidance Update
- D Legislative Update

5. **BOARD COMMENTS**

JPA Recycled Water Facilities and Agreement Discussion

6. **FUTURE AGENDA ITEMS**

7. **NON-ACTION ITEMS**

Information Items

- (1) Call for Bids for Ferric Chloride
- (2) Four Tanks Renovation Project – Kimberly, Woolsey, Mulwood, and Indian Hills (RW) Tank – Rejection of All Bids
- (3) Maintenance Agreement for Sewer Metering Stations - ADS Environmental
- (4) "No Drugs Down the Drain" Awareness Campaign
- (5) Sewer Plug and Manhole Improvements – Approval of the Request for Proposals (RFP)
- (6) Sodium Bisulfate Tank Replacement Project: Project Acceptance
- (7) Tapia Carbon Tower Carbon Replacement: Authorization of Purchase Order
- (8) Tapia Filter Valve Actuators Replacement and Installation
- (9) Tapia Major Tertiary Filters Maintenance: Authorization of Purchase Order

8. **CLOSED SESSION**

Conference with District Counsel - Potential Litigation
LVMWD vs. Onsite Power Systems, Inc.

9. **ADJOURNMENT**

October 6, 2008 JPA Board Meeting

TO: Board of Directors
FROM: Facilities & Operations

Subject: Combined Heat, Power and Solar (CHPS) Project Update

SUMMARY

On April 7, 2008, the JPA Board approved a Request for Qualification (RFQ) for the Combined Heat, Power and Solar (CHPS) Project. On July 7, 2008 The JPA Board approved a list of qualified contractors and the release of one RFP for Combined Heat and Power (CHP) project and another RFP for the Solar project. On September 17, 2008, five proposals for the CHPS project and 5 proposals for the Solar project were received. Staff intends to fully evaluate all proposals received and work with TSD staff, as well as specialized experts such as Southern California Edison staff, to provide recommendations based on the evaluation criteria specified in the RFP.

BACKGROUND

The RFQ was sent to 64 firms. Nine (9) potential solar developers and six (6) potential CHP developers met the minimum criteria for the projects. A total of 5 proposals were received for the Solar and CHP projects:

For Solar Photovoltaic Power project:

SunPower Corporation
Calpwr
Honeywell
Chevron Energy Solutions
Solar Electric Solutions, LLC

For Combined Heat and Power project:

Logan Energy
EnXco
Honeywell
US Energy
Chevron Energy Solutions

The RFP specified the following evaluation criteria:

- 1) Project's overall financial and environmental benefits to JPA
- 2) Project completion date
- 3) Compatibility with existing JPA operations
- 4) Innovation and integration with JPA operations

Staff is currently developing a Specific Evaluation Implementation Standards (SEIS) based on the above principal criteria. The SEIS may include the following:

- 1) Project savings which may including rebates and tax incentives
- 2) Operational fit
- 3) JPA's responsibilities (planning, design, construction operation and maintenances)
- 4) Proposed contract terms
- 5) Capital investment requirements by the JPA
- 6) Environmental benefits
- 7) Proven technology
- 8) Sustainability
- 9) Proposed schedule
- 10) Integration

The proposed updated schedule for the project is:

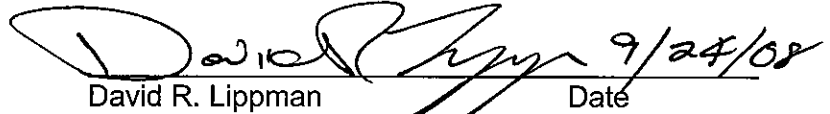
Staff recommendation to short list successful proposals and
obtain authorization to negotiate terms of agreement

November 3, 2008

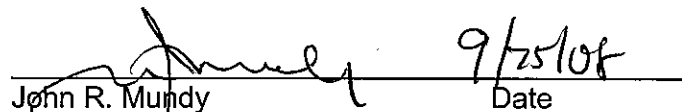
Staff recommendation for award of contract (estimate)

January 5, 2008

John Zhao, Principal Engineer, prepared this report.



David R. Lippman Date
Director of Facilities and Operations



John R. Mundy Date
Administering Agent/General Manager

October 6, 2008 JPA Board Meeting

INFORMATION ONLY

TO: Board of Directors

FROM: Finance and Administration

SUBJECT: Call for Bids for Ferric Chloride

The Las Virgenes Municipal Water District and Triunfo Sanitation District Joint Powers Authority approved funding for this matter in the Joint Powers Authority Budget. The Las Virgenes Board, as administering agent approved a call for bids for ferric chloride at their board meeting of September 23, 2008.

SUMMARY

The JPA uses ferric chloride at Tapia to minimize the formation of hydrogen sulfides. Staff is proposing a one-year contract, with two one-year renewal options.

RECOMMENDATION

Approve a call for bids according to the proposed bid schedule and the Notice Inviting Bids for supply and delivery of ferric chloride.

FINANCIAL IMPACT

Estimated annual cost to the district for ferric chloride is \$60,000. Funds are available in the current budget and will be proposed in future budgets for this product.


DISCUSSION


Bids will be requested according to the following schedule:

Board Authorization	Tuesday, September 23, 2008
First Newspaper Advertisement	Monday, September 29, 2008
Second Newspaper Advertisement	Monday, October 6, 2008
Bid Opening	Monday, October 13, 2008
Award of Contract	Tuesday, October 28, 2008

The successful bidder will be awarded the contract based on a combination of pricing, reliability and customer service.

Carmen Ripley, Sr. Buyer prepared this report.

 9-18-08
Sandra Schmidt Date
Director of Finance and Administration

 9/24/08
John R. Mundy Date
General Manager

7(1)

October 6, 2008 JPA Board Meeting

TO: Board of Directors
FROM: Facilities and Operations

**Subject: Four Tanks Renovation Project
Kimberly, Woolsey, Mulwood, and Indian Hills (RW) Tank
Rejection of All Bids**

Las Virgenes Municipal Water District and Triunfo Sanitation District Joint Powers Authority approved funding for this matter in the Joint Powers Authority Budget. The Las Virgenes Board, as the administering agent, rejected all bids at their September 23, 2008 meeting.

SUMMARY

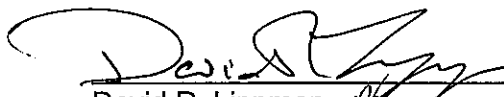
On July 22, 2008, the Board approved the distribution of bid documents to three pre-qualified contractors for the above named project. Below are the results of the bid opening on September 11, 2008:

KM Industrial	No Bid Received
Utility Service Co.	No Bid Received
Spiess Construction	\$1,692,202
<i>Engineer's Estimate</i>	<i>\$710,000</i>

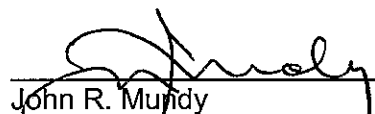
DISCUSSION

This project is a capital improvement work aimed at performing preventive maintenance work and extending the service life of the tanks; for the JPA, this applies only to the Indian Hills recycled water tank. Delaying it does not present any life/safety or operational issues. In light of the situation, re-bidding the project next year is recommended.

Rommel M. Marzan, Associate Engineer, prepared this report.



David R. Lippman 9/25/08
Director of Facilities and Operations Date



John R. Mundy 9/29/08
Administering Agent/General Manager Date

INFORMATION ONLY

October 6, 2008 JPA Board Meeting

TO: Board of Directors
FROM: Facilities and Operations

**Subject: Maintenance Agreement for Sewer Metering Stations
ADS Environmental**

Las Virgenes Municipal Water District and Triunfo Sanitation District Joint Powers Authority approved funding for this matter in the Joint Powers Authority Budget. The Las Virgenes Board, as the administering agent, authorized the General Manager to issue a purchase order for maintenance and reporting services to ADS Environmental in the amount of \$32,016.80 at their September 9, 2008 meeting.

SUMMARY

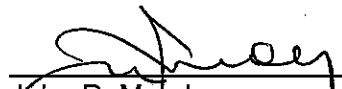
ADS Environmental Services (ADS) has installed sewage meters at the C-4, Oak Park and North Ranch metering stations and at the City of Los Angeles sewer connection near Lift Station 1. ADS has also provided the maintenance and monthly reporting service, via the internet, for these four meters. ADS has provided reliable service and reports to the District in a timely manner. The cost for this service is \$8,004.20 per year per meter and remains the same as last year.

FINANCIAL IMPACT

The FY2008-09 Budget provides funding for this service in both the JPA (\$24,012.60) and Sanitation (\$8,004.20) Operating and Maintenance budgets.

Marsha Eubanks, Administrative Services Officer, prepared this report.

 9/23/08
Date
David R. Lippman
Director of Facilities and Operations

 9/24/08
Date
John R. Mundy
Administering Agent/General Manager

INFORMATION ONLY

October 6, 2008 JPA Board Meeting

TO: Board of Directors

FROM: Resource Conservation & Public Outreach

Subject: "No Drugs Down the Drain" Awareness Campaign

SUMMARY

The recent Associated Press news stories pertaining to small amounts of pharmaceuticals and personal care products being detected in the nation's waters has generated some public awareness as to the presence of these substances. As a nexus to that publicity, and as part of ongoing public education efforts, the JPA is joining wastewater treatment agencies throughout California participating in the "No Drugs Down the Drain" campaign to educate customers on the proper means of disposal for unused or expired pharmaceuticals. The statewide campaign is to be conducted during the week of October 5 – 11. Concentrating the collective efforts of agencies statewide should increase the public's opportunities for exposure to the message.

With this item, please find a news release and advertising message that have been prepared for local newspapers. In addition, these materials will be posted at the LVMWD web site and made available to the TSD web site.

FINANCIAL IMPACT

The current FY2008-2009 budget allocates funds for public education outreach in 751840.6604.

Jeff Reinhardt, Public Affairs and Communications Manager, prepared this report.



Jimmie Cho
Director of Resource Conservation
& Public Outreach

Date



John R. Mundy
Administering Agent/General Manager

9/24/08

Date

October 6, 2008 JPA Board Meeting

TO: Board of Directors
FROM: Facilities and Operations

**Subject: Sewer Plug and Manhole Improvements
Approval of the Request for Proposals (RFP)**

Las Virgenes Municipal Water District and Triunfo Sanitation District Joint Powers Authority approved funding for this matter in the Joint Powers Authority Budget. The Las Virgenes Board, as the administering agent, approved the Request for Proposals at their September 23, 2008 meeting.

SUMMARY

The District has a manhole on El Cañon Ave. in Calabasas that receives sewage flow via an existing 15" sewer from the Calabasas Unit B sewer serving the Mulwood area. The peak flow is approximately 2.5 MGD. The current method to divert the direction of sewage flow to the City of Los Angeles is done manually by having a bladder block the appropriate inlet. During normal operation without the bladder, there is a minimal difference in elevation between the District and City of Los Angeles inlets in the same manhole, which allows unintended flows to the City, resulting in a significant cost to the District.

A simplified means (through a valve, or other option) to control flow to the City of Los Angeles, and to prevent the unintended flows is needed. In addition, the locations and sizing of the pipes that connect the LVMWD and City of Los Angeles manholes will be evaluated to see if they can be improved. An RFP process is recommended to select the appropriate engineering firm which has experience in analyzing and designing similar facility improvements.

Sewage flows are diverted for two reasons: (1) For maintenance of the lift stations, and (2) To reduce inflow to Tapia Water Reclamation Facility when creek avoidance is in effect. The JPA participates only for the second reason.

FINANCIAL IMPACT

This project will be accounted for under work order (w.o.) #10365, with an FY08-09 budget of \$75,000.

The proposed project schedule is as follows:

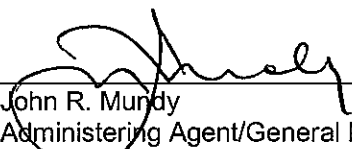
<u>Milestone</u>	<u>Date</u>
Board Approval of the Request for Proposals	September 23, 2008
Meeting with Consultants	October 1, 2008
Proposals Due Date (3:00 pm)	October 15, 2008
Board Acceptance of Successful Proposal	October 28, 2008

Rommel M. Marzan, Associate Engineer, prepared this report.



David R. Lippman
Director of Facilities and Operations

9/25/08
Date



John R. Mundy
Administering Agent/General Manager

9/29/08
Date

October 6, 2008 JPA Board Meeting

TO: Boards of Directors
FROM: Facilities & Operations

**Subject: Sodium Bisulfate Tank Replacement Project:
Project Acceptance**

Las Virgenes Municipal Water District and Triunfo Sanitation District Joint Powers Authority approved funding for this matter in the Joint Powers Authority Budget. The Las Virgenes Board, as the administering agent, ratified Change Orders #1 and #2, approved the execution of a Notice of completion and the final progress payment for the Sodium Bisulfite Tank Replacement Project at their September 9, 2008 meeting.

SUMMARY

At the December 3, 2007 Joint Powers Authority meeting, the Board awarded the Sodium Bisulfite Tank Replacement Project to Timothy J. Ferrie. This project replaced both of the existing sodium bisulfite storage tanks, which were deteriorating. One replacement tank was purchased for installation by the District in the 06-07 fiscal year as a part of a CIP project. However, the project was delayed because of the high cost of installation. The installation of the first tank was combined with the purchase and installation of a second tank in the 06-07 fiscal year as a part of this project. There were two change orders during the course of this project.

Change Order #1 was a no cost time extension of 154 calendar days to allow for the work to occur in the summer. This extension allowed for the sodium bisulfite system to be taken off line during short periods of the project when dechlorination was not required.

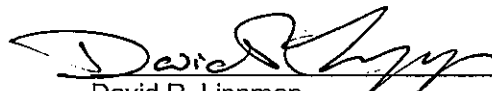
Change Order #2 was in the amount of \$3,486.00 to allow for the repair of a leak which was discovered on the existing sodium bisulfite feed line. The leak was traced outside of the containment structure and the pipeline and insulation were replaced.

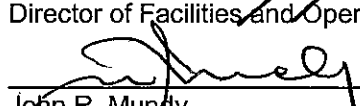
FINANCIAL IMPACT

The Fiscal Year 07-08 Budget provided funding for Bisulfite Tank #1 Replacement under CIP Job #10349 in the amount of \$23,200 and Bisulfite Tank #2 Replacement under CIP Job #10364 in the amount of \$50,000. Additional funding in the amount of \$20,000 was appropriated to Job #10364 at the December 3, 2007 JPA meeting. Construction costs are broken down as follows:

Construction – Timothy J. Ferrie	\$ 77,600
Change Order #2	\$ 3,486
Total Construction Cost	\$ 81,086

Brett Dingman, Associate Engineer, prepared this report.

 9/23/08
Date
David R. Lippman
Director of Facilities and Operations

 9/24/08
Date
John R. Mundy
Administering Agent/General Manager

October 6, 2008 JPA Board Meeting

TO: Board of Directors
FROM: Facilities & Operations

**Subject: Tapia Carbon Tower Carbon Replacement:
Authorization of Purchase Order**

Las Virgenes Municipal Water District and Triunfo Sanitation District Joint Powers Authority approved funding for this matter in the Joint Powers Authority Budget. The Las Virgenes Board, as the administering agent, waived the formal bidding process and authorized the Administering Agent/General Manager to issue a Purchase Order in an amount not to exceed \$33,528.00 to Carbon Activated Corporation at their September 23, 2008 meeting.

SUMMARY

One of the maintenance projects approved in the 2008-2009 budget is the replacement of granular activated carbon in the carbon towers at the Tapia WRF which are used for odor control. There are four headworks and three primary carbon towers which need to have the carbon replaced regularly. This fiscal year, one primary carbon tower (6,000 lbs of carbon) and one headworks carbon tower (18,000 lbs. of carbon) are scheduled for carbon replacement. Carbon life expectancy for the primary carbon towers is approximately one year and for the headworks carbon towers is approximately two years. The FY 08-09 Tapia budget contains \$44,000 for odor control. Three bids were requested and obtained for the performance of this work. Bids received were as follows:

Carbon Activated Corporation	\$ 33,528.00
Baker Filtration	\$ 38,912.00
Prominent Systems, Inc.	\$ 36,579.00

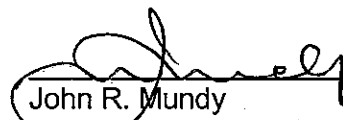
FINANCIAL IMPACT

The Fiscal Year 2008-09 JPA budget allocates funds for this project in the Tapia budget under account 751810.5417 in the amount of \$44,000.

Brett Dingman, Associate Engineer, prepared this report.



David R. Lippman 9/23/08
Director of Facilities and Operations Date



John R. Mundy 9/24/08
Administering Agent/General Manager Date

INFORMATION ONLY

October 6, 2008 Board Meeting

TO: Board of Directors
FROM: Facilities and Operations

Subject: Tapia Filter Valve Actuators Replacement and Installation

Las Virgenes Municipal Water District and Triunfo Sanitation District Joint Powers Authority approved funding for this matter in the Joint Powers Authority Budget. The Las Virgenes Board, as the administering agent, approved issuance of the purchase order in the amount of \$37,791.09 at their September 9, 2008 meeting.

SUMMARY

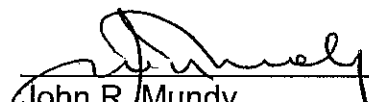
The Tapia filters were upgraded several years ago. One of the items identified as a deficiency were the aging filter valve actuators. These valve actuators consist of an integral electric motor and gearbox which operate a valve when called for by SCADA controls. This is a multi year project and the actuators being replaced have been prioritized to replace the units that have the highest failure rate. Total cost of this year's replacement project is estimated to be \$37,791.09. R&B Automation is the authorized Limatorque Actuator repair vendor. R&B has been performing this actuator work at a very competitive price. R&B also supplies various custom adapters and configures the actuators to work with Tapia's SCADA. Their work is also guaranteed.

FINANCIAL IMPACT

This project will be funded from Capital Improvements Project 10399.1880.505.

Larry J. Miller, Facilities Manager, prepared this report.

 9/23/08
David R. Lippman Date
Director of Facilities and Operations

 9/24/08
John R. Mundy Date
Administering Agent/General Manager

October 6, 2008 JPA Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

**Subject: Tapia Major Tertiary Filters Maintenance:
Authorization of Purchase Order**

Las Virgenes Municipal Water District and Triunfo Sanitation District Joint Powers Authority approved funding for this matter in the Joint Powers Authority Budget. The Las Virgenes Board, as the administering agent, waived the formal bidding process and authorized the Administering Agent/General Manager to issue a Purchase Order in an amount not to exceed \$50,000 to Prominent Systems, Inc. at their September 23, 2008 meeting.

SUMMARY

One of the maintenance projects approved in the 2008-2009 budget is for major tertiary filter maintenance at the Tapia WRF. This is the fourth fiscal year in which two filters per year are undergoing major maintenance (there are a total of twelve filters). Some of the filters are now twenty years old and in need of major maintenance, which consists of the removal, disposal and replacement of filter media and interior filter cleaning. It is unknown if repairs or replacement of the existing under drain systems in the filters are required so the proposals received do not account for this work. Three proposals were requested from regional vendors that perform this work. The proposals received for the work were as follows:

Carbon Activated Corporation	\$28,661.50 per filter
ERS Industrial Services, Inc.	\$25,825.00 per filter
Prominent Systems, Inc.	\$22,306.72 per filter

The FY 08-09 Tapia Maintenance budget of \$75,000 allows for the maintenance on two filters by Prominent Systems, Inc. (total cost of \$44,613.44) and provides some additional funding if minor under drain repair is necessary. It is recommended that Prominent Systems, Inc. be issued a purchase order to provide major maintenance on two filters for the Tapia Major Tertiary Filters Maintenance Project. If further repairs to the under drain system of the filters are necessary, they can be administratively approved under the same budgetary unit.

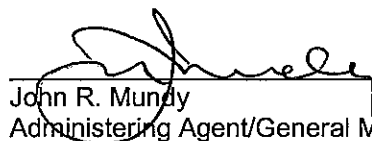
FINANCIAL IMPACT

The Fiscal Year 2008-09 budget allocates funds for Tapia maintenance under account number 751810.5430 in the amount of \$75,000. This project is a fixed based cost based on capacity rights in the treatment plant. As such, the cost split is 70.6% for LVMWD and 29.4% for Triunfo.

Brett Dingman, Associate Engineer, prepared this report.

 9/23/08

 Date
 David R. Lippman
 Director of Facilities and Operations

 9/24/08

 Date
 John R. Mundy
 Administering Agent/General Manager