

## SAN JOSÉ/SANTA CLARA TREATMENT PLANT ADVISORY COMMITTEE

CHUCK REED, CHAIR  
PETE McHUGH, MEMBER  
KEVIN MOORE, MEMBER  
JAMIE MATTHEWS, MEMBER  
MADISON NGUYEN, MEMBER

KEN YEAGER, MEMBER  
JOHN GATTO, MEMBER  
ED SHIKADA, MEMBER  
KANSEN CHU, MEMBER

### AGENDA/TPAC

4:30p.m.

September 13, 2012

Room 1734

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1. **ROLL CALL**

2. **APPROVAL OF MINUTES**

A. August 2, 2012

3. **UNFINISHED BUSINESS/REQUEST FOR DRFERRALS**

4. **AGREEMENTS/ACTION ITEMS**

A. Master Consultant Agreement With RMC Water And Environment to develop a master plan for the South Bay Water Recycling Program

**Recommendation:** TPAC Approval of:

Approval of a master agreement with RMC Water and Environment to develop a Master Plan (Plan) for the South Bay Water Recycling (SBWR) Program for a total compensation not-to exceed amount of \$2,400,000, and for a term upon execution of the agreement through June 30, 2014.

The San Jose City Council is scheduled to consider this matter on September 18, 2012.

5. **REPORTS**

Open Purchase Orders Greater Than \$100,000

A. The attached monthly Procurement and Contract Activity Report summarizes the purchase and contracting of goods with an estimated value between \$100,000 and \$1 million and of services between \$100,000 and \$250,000.

6. **OTHER BUSINESS/CORRESPONDENCE**

7. **STATUS OF ITEMS PREVIOUSLY RECOMMENDED FOR APPROVAL BY TPAC**

- A. Report on Request for Qualification (RFQ) for temporary staffing resources at the Water Pollution Control Plant (WPCP):

**Recommendation:** TPAC Approval of:

1. Accept Telstar Instruments' proposal to provide Instrumentation Control Technicians, and Industrial Electricians; and adopt a resolution authorizing the City Manager to negotiate and execute an agreement with Telstar Instruments, not to exceed \$3,000,000 for the first twelve months of the agreement, subject to the appropriation of funds and
2. Reject all proposals for temporary staffing resources for Plant Operators and Plant Mechanics, and authorize the City Manager to enter into negotiations with any firm that can provide temporary staffing resources without further competition, with the final agreement(s) subject to Council approval.

The San Jose City Council approved this matter on August 14, 2012.

8. **MISCELLANEOUS**

- A. The next TPAC meeting is October 9, 2012, at 4:30 p.m. City Hall, City Manager's Office, 17<sup>th</sup> Floor, Room 1734.

9. **OPEN FORUM**

10. **ADJOURNMENT**

NOTE: If you have any changes or questions, please contact Monica Perras, Environmental Services, 408-975-2515.

To request an accommodation or alternative format for City-sponsored meetings, events or printed materials, please call Monica Perras at (408) 975-2515 or (408) 294-9337 (TTY) as soon as possible, but at least three business days before the meeting/event.

**Availability of Public Records.** All public records relating to an open session item on this agenda, which are not exempt from disclosure pursuant to the California Public Records Act, that are distributed to a majority of the legislative body will be available for public inspection at San Jose City Hall, 200 East Santa Clara Street, 10<sup>th</sup> Floor, Environmental Services at the same time that the public records are distributed or made available to the legislative body.

**MINUTES OF THE  
SAN JOSE/SANTA CLARA  
TREATMENT PLANT ADVISORY COMMITTEE**  
City Hall, City Manager's Office, 17<sup>th</sup> Floor, Room 1734  
Thursday, August 2, 2012 at 4:30 p.m.

**1. ROLL CALL**

Minutes of the Treatment Plant Advisory Committee convened this date at 5:00 p.m. Roll call was then taken, with the following members in attendance:

Committee members: Chuck Reed, Pete McHugh, John Gatto, Kansen Chu, Jamie Matthews, Madison Nguyen, Ed Shikada, Ken Yeager

Staff present: Monica Perras, Joanna De Sa, Rosa Tsongtaatarii, Skip Lacaze, Kerrie Romanow, Linda Charfauros, Mark Giovannetti, Ashwini Kantak, Rene Eyerly, Mike O'Connell.

Others present: Jon Newby (West Valley Sanitation), Steve Machida (Cupertino Sanitary District), David Wall (member of the public).

**2. APPROVAL OF MINUTES**

**A. June 14, 2012**

**Item 2.A was approved unanimously.**

**3. UNFINISHED BUSINESS/REQUEST FOR DEFERRALS**

**4. AGREEMENTS/ACTION ITEMS**

**A. Report on Request for Qualification (RFQ) for temporary staffing resources at the Water Pollution Control Plant (WPCP):**

**Recommendation:** TPAC Approval of:

1. Accept Telstar Instruments' proposal to provide Instrumentation Control Technicians, and Industrial Electricians; and adopt a resolution authorizing the City Manager to negotiate and execute an agreement with Telstar Instruments, not to exceed \$3,000,000 for the first twelve months of the agreement, subject to the appropriation of funds and
2. Reject all proposals for temporary staffing resources for Plant Operators and Plant Mechanics, and authorize the City Manager to enter into negotiations with any firm that can provide temporary staffing resources without further competition, with the final agreement(s) subject to Council approval.

The San Jose City Council is scheduled to consider this matter on August 14, 2012.  
**David Wall presented a speaker card on Item 4.A.1&2.**

5. **REPORTS**

- A. Open Purchase Orders Greater Than \$100,000  
The attached monthly Procurement and Contract Activity Report summarizes the purchase and contracting of goods with an estimated value between \$100,000 and \$1 million and of services between \$100,000 and \$250,000.  
**Item 5.A was approved unanimously.**

6. **OTHER BUSINESS/CORRESPONDENCE**

7. **STATUS OF ITEMS PREVIOUSLY RECOMMENDED FOR APPROVED BY TPAC**

- A. Contract Change Order for the Switchgears M1, M2 and M3 Replacement Design Build Project at the San Jose/Santa Clara Water Pollution Control Plant

**Recommendation:** TPAC approval to authorize the Director of Environmental Services to negotiate and execute Contract Change Order (CCO) No. 21 for the Switchgears M1, M2, & M3 Replacement Design-Build Project in the maximum amount of \$195,000 with Rosendin Electric for a total contract amount not to exceed \$9,685,025; and to approve a \$40,000 increase to the construction contingency amount of \$1,258,047 for a revised contingency amount of \$1,298,047 and a total contract amount not to exceed \$9,685,025.

The San Jose City Council approved this matter on June 19, 2012.

- B. Report on Bids and Award of a Construction Contract for the 6449 – Fire Main Replacement – Phase II Project at the San Jose/Santa Clara Water Pollution Control Plant

**Recommendation:** TPAC approval of a Report on Bids and award of construction contract for the 6449 – Fire Main Replacement – Phase II Project to the low bidder, D&D Pipelines, Inc., in the amount of \$989,500; and approval of a 10% contingency in the amount of \$99,000.

The San Jose City Council approved this matter on June 19, 2012.

- C. Report on Bids and Award of a Construction Contract for the Street Treatment Project at the San Jose/Santa Clara Water Pollution Control Plant

**Recommendation:** TPAC approval of a Report on Bids and award of construction contract for the Street Treatment Project at the San Jose/Santa Clara Water Pollution Control Plant to the low bidder, Wattis Construction, Inc., in the amount of \$108,100; and approval of a 10% contingency in the amount of \$10,800.

The San Jose City Council approved this matter on June 19, 2012.

D. Amendment to the Agreement with Westin Engineering, Inc. for Implementation of a Computerized Maintenance Management System at the San Jose/Santa Clara Water Pollution Control Plant

**Recommendation:** TPAC approval of a Third Amendment to the Agreement with Westin Engineering, Inc., for implementation of a Computerized Maintenance Management System at the San Jose/ Santa Clara Water Pollution Control Plant to increase the compensation by \$191,000 to an amount not to exceed \$1,052,000, and to extend the term through December 31, 2013 to complete a revised scope of work.

The San Jose City Council approved this matter on June 19, 2012.

E. Bay Area Biosolids to Energy Coalition Joint Exercise of Powers Agreement

**Recommendation:** TPAC approval to authorize the City Manager to execute the Amended and Restated Bay Area Biosolids to Energy Coalition Joint Exercise of Powers Agreement to become a member of the Bay Area Biosolids to Energy Coalition for a contribution in the amount of \$370,588, and consideration for the City's matching contribution in the amount of \$215,000 to an Initial Feasibility Study and Potential Demonstration of a Biomass-To-Energy Technology Facility at the San Jose/Santa Clara Water Pollution Control Plant with the California Energy Commission and Harvest Power, Inc.; and to appoint a City representative, and alternate to the Bay Area Biosolids to Energy Coalition Steering Committee.

The San Jose City Council approved this matter on June 19, 2012.

**David Wall presented a speaker card to Item 7.E**

**Items 7.A-E were approved unanimously to note and file.**

F. Cost Sharing Agreement with the Santa Clara Valley Water District for the South Bay Water Recycling Program

**Recommendation:** TPAC approval of:

1. Authorization to the City Manager to execute a cost sharing agreement between the City of San José and the Santa Clara Valley Water District to share the cost of developing a strategic master plan for the South Bay Water Recycling Program, estimated to cost up to \$2,400,000 with each party to contribute up to \$1,200,000; and to share in reimbursements from the United States Department of Interior Bureau of Reclamation Grant of up to \$1,200,000 for costs associated with developing the plan.
2. The following 2011-2012 Appropriation Ordinance and Funding Source Resolution amendments in the San José/Santa Clara Treatment Plant Capital Fund:
  - a. Increase the Estimate for Earned Revenue by \$1.2 million;
  - b. Increase the SBWR Master Plan appropriation by \$132,000; and
  - c. Increase the Ending Fund Balance by \$1,068,000.

The San Jose City Council is scheduled to consider this matter on June 19, 2012.

**David Wall presented a speaker card to Item 7.F.**

**Item 7.F was approved unanimously to note and file.**

**8. MISCELLANEOUS**

- A. The next TPAC meeting will be September 13, at 4:30p.m., City Hall, City Manager's Office, 17<sup>th</sup> Floor, Room 1734.

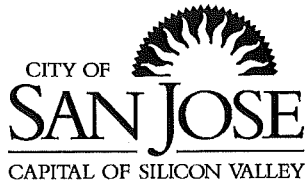
**9. PUBLIC COMMENT**

**David Wall presented a speaker card on various topics.**

**10. ADJOURNMENT**

- A. The Treatment Plant Advisory Committee adjourned at 4:40 p.m.

Chuck Reed, Chair  
Treatment Plant Advisory Committee



# Memorandum

**TO:** HONORABLE MAYOR  
AND CITY COUNCIL

**FROM:** Kerrie Romanow

**SUBJECT:** SEE BELOW

**DATE:** July 25, 2012

Approved

Date

7/25/12

**SUBJECT: MASTER CONSULTANT AGREEMENT WITH RMC WATER AND ENVIRONMENT TO DEVELOP A MASTER PLAN FOR THE SOUTH BAY WATER RECYCLING PROGRAM**

## RECOMMENDATION

Approval of a master agreement with RMC Water and Environment to develop a Master Plan (Plan) for the South Bay Water Recycling (SBWR) Program for a total compensation not-to exceed amount of \$2,400,000, and for a term upon execution of the agreement through June 30, 2014.

## OUTCOME

The recommended action will enable the City of San José, as administering agency for the San José/Santa Clara Water Pollution Control Plant (Plant), to move forward on the development of a Master Plan for SBWR. The Plan will include current system needs, as well as options for expansion and external stakeholders in the Plant's service area.

## BACKGROUND

The Plan will identify the purpose and future for SBWR, and how water recycling will continue to support the regulatory needs of the Plant as well as regional water needs. The majority of the SBWR system was constructed in the late 1990s and has now been in service between 10 and 15 years. In general, system facilities are well-maintained and in good condition, but components of SBWR, such as the control system and the majority of the valves in the distribution system will reach the end of their useful life in the next 3-5 years.

SBWR currently serves the cities of San José, Santa Clara, and Milpitas, but could potentially be expanded to serve other Plant tributary agency service areas, other areas of Santa Clara County, and beyond.

On September 13, 2011, Council authorized the City Manager to negotiate and execute an agreement with the United States Bureau of Reclamation (Reclamation) allowing the City to

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receive up to \$1,200,000 towards the reimbursement of a \$2,400,000 feasibility study to develop a strategic and master plan for SBWR. The grant agreement was subsequently executed on September 30, 2011.

On June 19, 2012, Council authorized the City Manager to negotiate and execute a cost sharing agreement with the SCVWD to share in the cost of developing a strategic master plan for the SBWR Program, estimated to cost up to \$2,400,000 with each party to contribute up to \$1,200,000, and to share in reimbursements from the Reclamation Grant of up to \$1,200,000 for costs associated with developing the Plan. In consideration for the SCVWD's share in the cost, the City will work closely with SCVWD to develop the scope of services for RMC Water and Environment (RMC), and to approve deliverables.

**ANALYSIS**

The master planning project Request for Proposals (RFP) was advertised on April 4, 2012, and a mandatory pre-proposal conference was held at the Plant on April 19, 2012. The pre-proposal conference was well attended with over 40 participants. Staff presented an overview of the RFP and answered questions from participants. Four written proposals were received and opened on May 7, 2012. A six member selection panel representing the Environmental Services Department, the Plant's Tributary Agencies, and the SCVWD evaluated the written proposals. Two prospective consultants were invited to participate in oral interviews. The results from the written and oral reviews were combined, including the local and small business preference points. The table below provides a summary of the evaluation by category.

	RMC	Kennedy-Jenks	Carollo	Black & Veatch
A- Recycled Water System Plans	27.55	24.67	22.00	15.17
B- Utility Governance	14.11	11.82	10.67	5.67
C- Economic Analysis	14.25	10.65	9.17	5.83
D- Project Approach	18.10	15.83	14.17	9.17
E- Corporate Sustainability	3.83	4.00	2.67	2.00
F- Project Samples	4.83	4.17	3.50	2.33
Local Business Enterprise	0	0	0	0
Small Business Enterprise	0	0	0	0
Total:	82.67	71.14	62.18	40.17



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RMC obtained the top score in both the written submittal and the oral presentation. Based on the above process and scoring, staff recommends that Council award the contract to RMC whose bid has been reviewed, analyzed, and found acceptable.

### EVALUATION AND FOLLOW-UP

Staff will present an update on the SBWR Master Planning process to the Transportation and Environment Committee in January 2013.

### PUBLIC OUTREACH/INTEREST

- Criterion 1:** Requires Council action on the use of public funds equal to \$1 million or greater. **(Required: Website Posting)**
- Criterion 2:** Adoption of a new or revised policy that may have implications for public health, safety, quality of life, or financial/economic vitality of the City. **(Required: E-mail and Website Posting)**
- Criterion 3:** Consideration of proposed changes to service delivery, programs, staffing that may have impacts to community services and have been identified by staff, Council or a Community group that requires special outreach. **(Required: E-mail, Website Posting, Community Meetings, Notice in appropriate newspapers)**

### COORDINATION

This project and memorandum have been coordinated with Risk Management, Equality Assurance, Purchasing, the City Manager's Budget Office, and the City Attorney's Office. This item is scheduled to be heard at the August 2, 2012 Treatment Plant Advisory Committee meeting.

### COST SUMMARY/IMPLICATIONS

- 1. COST OF STRATEGIC AND MASTER PLANNING: \$2,400,000
- 2. SOURCE OF FUNDING:  
Fund 512- SBWR Master Plan

<b>Funding Available:</b>	
SBWR Master Plan Appropriation	<u>\$2,304,000*</u>
<b>Total Funding Available:</b>	<b>\$2,304,000</b>

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Currently, \$2,304,000 is available for this project in the San José/Santa Clara Treatment Plant Capital Fund (Fund 512) SBWR Master Plan Appropriation. Any expenditures within this Master Agreement beyond \$2,304,000 will be subject to City Council appropriation of funds. Funding up to \$1,200,000 will be reimbursed by the Santa Clara Valley Water District, as described in a memorandum to the City Council on June 19, 2012. Grant Funding approved through Council Resolution No. 79587 will reimburse San José 50 percent of total project costs up to \$1,200,000, and the City will pass on to the SCVWD 50 percent of the SCVWD's share of expenses.

**BUDGET REFERENCE**

Fund #	Appn. #	Appn. Name	Total Appn.	Amount for Agreement	Proposed 2012-2013 Budget Page**	Last Budget Action (Date, Ord. No.)
512	7364	SBWR Master Plan	\$2,304,000	\$2,400,000*	V-174	06/19/2012, Ord. No. 29102
<b>Total Funding Available</b>				<b>\$2,400,000</b>		

\*This contract will be encumbered by service order. Any expenditures beyond \$2,304,000 will be subject to City Council appropriation of funds.

\*\* The 2012-2013 Proposed Operating Budget was approved by the City Council on June 19, 2012, and the Adopted Budget will be published in fall 2012.

**CEQA**

Not a Project, File No.PP10-066 (a), Agreements and Contracts for purchase of professional services.

/s/

KERRIE ROMANOW

Acting Director, Environmental Services

For questions please contact René Eyerly, Manager, Sustainability and Compliance at (408) 975-2594.

**City Manager's Contract Approval Summary**  
**For Procurement and Contract Activity between \$100,000 and \$1 Million for Goods and \$100,000 and \$250,000 for Services**

July 24 - August 31, 2012

Description of Contract Activity <sup>1</sup>	Fiscal Year	Req#/ RFP#	PO#	Vendor/Consultant	Original \$ Amount	Start Date	End Date	Additional \$ Amount	Total \$ Amount	Comments
<b>NEW:</b>										
ODOR CONTROL OF SULFIDE GAS IN RAW SEWAGE & DIGESTER GAS (FERROUS/FERRIC CHLORIDE)	FY11-12	15357	47006	KEMIRA WATER SOLUTIONS	\$93,000	4/1/12	3/31/13	\$279,000	\$372,000	
2 ADDITIONAL LABORERS TO ASSIST OPERATORS	FY12-13	16439	47497	TRENDTEC INC	\$73,195	7/1/12	12/31/12	\$48,797	\$121,992	
MISCELLANEOUS SAND BLASTING & PAINTING	FY12-13	16571	47904	JEFFCO PAINTING & COATING	\$400,000	11/1/12	10/31/13			
TEST, TROUBLESHOOT, REPAIR SERVICE	FY12-13	16583		VINCENT ELECTRIC	\$120,000					
LIQUID SODIUM HYPOCHLORITE 12.5%	FY12-13	16613		SIERRA CHEMICAL CO	\$995,000					
<b>ONGOING:</b>										
NEW & REPAIRED REPLACEMENT HARDWARE FOR DISTRIBUTED CONTROL SYSTEM (DSC'S) AND VARIABLE FREQUENCY DRIVES (VFD'S)	FY12-13	15605	47933	ABB INC	\$750,000	7/1/12	6/30/13			
CLEANING OF 3 ANAEROBIC DIGESTERS	FY12-13	16486	47819	PROVEN MANAGEMENT, INC.	\$250,000	7/1/12	6/30/13			
INSPECTIONS, TECHNICAL ASSISTANCE, RECONDITION & REPAIR ENGINE/ENGINE PARTS	FY12-13	15616		NRG ENERGY SERVICES LLC	\$150,000					
AS NEEDED MAINTENANCE MECHANICAL REPAIR SERVICES	FY12-13	15698			\$100,000					
REPLACE DEHUMIDIFICATION UNITS	FY12-13	16332			\$100,000					
FERRIC CHLORIDE (FECL3) SOLUTION	FY12-13	16435		KEMIRA WATER SOLUTIONS, INC	\$515,270					

<sup>1</sup> This report captures in process contract activity (Requisition Number or RFP Number) and completed contract activity (Purchase Order Number, Contract Term, and Contract Amount)