

## SAN JOSÉ/SANTA CLARA TREATMENT PLANT ADVISORY COMMITTEE

CHUCK REED, CHAIR  
JOSE ESTEVES, MEMBER  
PAT KOLSTAD, MEMBER  
JAMIE MATTHEWS, MEMBER  
MADISON NGUYEN, MEMBER

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

### AGENDA/TPAC

4:30p.m.

February 14, 2013

Room 1734

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1. **ROLL CALL**

2. **APPROVAL OF MINUTES**

A. January 10, 2013

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

4. **DIRECTOR'S REPORT** (verbal)

5. **AGREEMENTS/ACTION ITEMS**

A. Amendments to extend Master Agreements for Engineering Services Between the City of San Jose and Various Firms for the San Jose/Santa Clara Water Pollution Control Plant Capital Improvement Program

**Staff Recommendation:** Approve the first amendments to the CIP master agreement with AECOM and Brown & Caldwell, and the first amendments to the Electrical master agreements with Black & Veatch, Carollo Engineers, and CH2M Hill, to extend the terms from June 30, 2013 to June 30, 2015, for a engineering consultant services to support the San Jose/Santa Clara Water Pollution Control Plant (Plant) Capital Improvement Program, with no increase to the maximum compensation.

The first amendments to the CIP master agreement is scheduled to be considered by the San Jose City Council on February 26, 2013.

B. Report on Bids and Award of Contract for the 6631 – Dissolved Air Floatation Dissolution Improvements Project

**Staff Recommendation:**

- 1) Award the construction contract for the Dissolved Air Flotation Dissolution Improvements Project to the low bidder, Monterey Mechanical Co., Oakland, CA in the amount of \$535,000.
- 2) Approve a 15% contingency in the amount of \$80,000.

The Report on Bids and Award of Contract is scheduled to be considered by the San Jose City Council on February 26, 2013.

C. Agreement to provide temporary staffing at the water pollution control plant

**Staff Recommendation:**

- A. Authorize the City Manager to execute an agreement with HKA Enterprises, Inc. to provide Plant Operators and Plant Mechanics temporary staffing resources for the Water Pollution Control Plant (WPCP), for the term beginning March 1, 2013 through March 1, 2014 , in an amount not to exceed \$1,500,000, subject to the appropriation of funds.
- B. Authorize the City Manager to exercise up to four additional one-year options to extend the term of the agreement through March 1, 2018, subject to the appropriation of funds.

The Agreement to provide temporary staffing is scheduled to be considered by the San Jose City Council on February 26, 2013.

6. **OTHER BUSINESS/CORRESPONDENCE**

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

- A. Report on Bids and Award of Contract for the 6900-Los Esteros Road Zanker Road Service Lateral Project

**Staff Recommendation:** TPAC recommendation to Council acceptance of:

- 3) Award the construction contract for the Los Esteros Road – Zanker Road Service Lateral Project to the lowest bidder, Northern Underground Construction, Inc., in the amount of \$663,308.
  - 2) Approve a contingency in the amount of \$100,000.
- The Report on Bids and Award of Contract was approved by the San Jose City Council on January 15, 2013.

8. **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.

9. **MISCELLANEOUS**

- A. The next TPAC meeting is March 14, 2013, at 4:30 p.m. City Hall, City Manager's Office, 17<sup>th</sup> Floor, Room 1734.

10. **OPEN FORUM**

## 11. 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, January 10, 2013 at 4:30 p.m.

**1. ROLL CALL**

Minutes of the Treatment Plant Advisory Committee convened this date at 4:30 p.m. Roll call was then taken, with the following members in attendance:

Committee members: Chuck Reed, John Gatto, Kansen Chu, Carmen Montano (For Jose Esteves), Jerry Marsalli (for Pat Kolstad).

Staff present: Monica Perras, Kerrie Romanow, Rosa Tsongtaatarii, Rene Eyerly, Linda Charfauros, Jeff Provenzano, John Cannon.

Others present: Chris de Groot (City of Santa Clara), Steve Machida (Cupertino Sanitary District), Kathleen Phalen (City of Milpitas), David Wall (Member of the public).

**2. APPROVAL OF MINUTES**

**A. December 13, 2012**

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

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

**4. DIRECTORS REPORT**

Kerrie Romanow, Director of Environmental Services announced the appointments of Ashwini Kantak, Assistant Director, and Joanna De Sa, Deputy Director.

**5. AGREEMENTS/ACTION ITEMS**

**A. Report on Bids and Award of Contract for the 6900-Los Esteros Road Zanker Road Service Lateral Project**

**Staff Recommendation:** TPAC recommendation to Council acceptance of:

- 1) Award the construction contract for the Los Esteros Road – Zanker Road Service Lateral Project to the lowest bidder, Northern Underground Construction, Inc., in the amount of \$663,308.
- 2) Approve a contingency in the amount of \$100,000.

The Report on Bids and Award of Contract is scheduled to be approved by the San Jose City Council on January 15, 2013.

**Item 5.C was approved unanimously.**

6. **OTHER BUSINESS/CORRESPONDENCE**

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

A. Water Pollution Control Plant CIP Update

**Staff Recommendation:** TPAC recommendation to Council acceptance of:

Accept this report on implementation of the Water Pollution Control Plant capital improvement program and alternative project delivery strategies.

The Water Pollution Control Plant CIP Update was heard by the Transportation and Environment Committee on December 3, 2012, and was considered by the San Jose City Council on January 29, 2013.

**Item 5.A was approved unanimously to note and file.**

**David Wall presented a speaker card on item 5.A.**

B. San Jose/Santa Clara Water Pollution Control Plant Staffing Status Report

**Staff Recommendation:** TPAC recommendation to Council acceptance of:

Accept this status report on the staffing situation at the San José/Santa Clara Water Pollution Control Plant (WPCP).

The San Jose/Santa Clara Water Pollution Control Plant Staffing Status Report was heard by the Transportation and Environment Committee on December 3, 2012, and was considered by the San Jose City Council on January 29, 2013.

**Item 5.B was approved unanimously to note and file. TPAC expressed concerns about the staffing situation and agreed that additional steps should be taken to improve staffing levels.**

**David Wall presented a speaker card on item 5.B.**

C. Open Purchase Order with Trendtec Inc. for Temporary Staffing

**Staff Recommendation:** TPAC recommendation to Council acceptance of:

Authorize the City Manager to amend the existing Open Purchase Order 47565 with Trendtec Inc. (San Jose, CA) to:

1. Increase the total compensation by \$210,055, for a revised total amount not to exceed \$291,055 for continued temporary employment services for five Assistant Environmental Inspectors (AEIs); and
2. Extend the term of the Purchase Order through June 30, 2013 to address staffing shortages at the WPCP.

The Open Purchase Order with Trendtec Inc., for Temporary Staffing was considered by the San Jose City Council on December 18, 2012.

**Item 7.A was approved unanimously to note and file.  
David Wall presented a speaker card for Items 7-A, B & C for review needed.**

**8. 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 8.A was approved to note and file.**

**9. MISCELLANEOUS**

- A. The next TPAC meeting will be February 14, 2013 at 4:30p.m., City Hall, City Manager's Office, 17<sup>th</sup> Floor, Room 1734.

**10. PUBLIC COMMENT**

**David Wall presented a speaker card on this Item regarding vagrant encampments-Airport final approach.**

**11. ADJOURNMENT**

- A. The Treatment Plant Advisory Committee adjourned at 4:50 p.m.

Chuck Reed, Chair  
Treatment Plant Advisory Committee

<b>CITY COUNCIL ACTION REQUEST</b>			
<b>Department(s):</b> Environmental Services	<b>CEQA:</b> Not a Project, File No. PP10-066(d), Consultant Services	<b>Coordination:</b> Office of Risk Management, City Manager's Budget Office, City Attorney's Office, the Treatment Plant Advisory Committee	<b>CMO Approval:</b>  1/24/13
<b>Council District(s):</b> City-wide			<b>Dept. Approval:</b> /s/ Ashwini Kantak Assistant Director, ESD
<b>SUBJECT: CONTINUATION AMENDMENT TO MASTER AGREEMENTS FOR CONSULTANT SERVICES BETWEEN THE CITY OF SAN JOSÉ AND VARIOUS CONSULTANTS FOR ENGINEERING SERVICES FOR THE SAN JOSÉ/SANTA CLARA WATER POLLUTION CONTROL PLANT CAPITAL IMPROVEMENT PROGRAM</b>			
<b>RECOMMENDATION:</b>			
<p>Approve the first amendments to the CIP master agreements with AECOM and Brown &amp; Caldwell, the first amendments to the Electrical master agreements with Black &amp; Veatch, CDM Smith, and GHD, and the second amendments to the CIP master agreements with Black &amp; Veatch, Carollo Engineers, and CH2M HILL, extending the terms from June 30, 2013 to June 30, 2015, for a continuation of ongoing engineering consultant services supporting the San José/Santa Clara Water Pollution Control Plant (Plant) Capital Improvement Program, at no additional cost to the City.</p>			
<b>BASIS FOR RECOMMENDATION:</b>			
<p>The consultants currently retained under these existing on-call master agreements have provided engineering services necessary for successfully delivering the Plant's capital program. Over the past five years, staff has issued service orders totaling nearly 40% of the \$18 million budgeted under the five CIP agreements and nearly 80% of the \$4.5 million budgeted under the three Electrical agreements. Work issued included project delivery evaluations, preliminary engineering and pre-design studies, condition assessments, technology evaluations, detailed designs, and construction management support.</p> <p>To maintain continuity on several projects currently underway and to expedite engineering and design work on several high priority rehabilitation and new technology projects, staff recommends extending these agreements through June 30, 2015. Staff has identified roughly \$4.2 million and \$1.0 million in immediate CIP and Electrical engineering work, respectively, that can be expeditiously issued in the next few months. This time-only extension will allow several critical projects to move forward, including but not limited to, design of a new chemical feed station, digester gas holder, and digester gas compressor facility; and further evaluation and development of project definition reports for the energy and biosolids transition.</p> <p>In addition to the above, staff is planning to issue a new Request for Proposals to obtain additional on-call engineering services before the end of this fiscal year. This is intended to encourage new competition and ensure sufficient resources are in place for successful roll out of the Package 1 and Package 2 projects.</p>			
<b>COST AND FUNDING SOURCE:</b>			
No funding is needed to approve the amendments to the master agreements. As service orders are issued, funds will be encumbered in existing project appropriations.			
<b>FOR QUESTIONS CONTACT:</b> Ashwini Kantak, ESD Assistant Director at (408) 975-2553			



**Subject: REPORT ON BIDS AND AWARD OF CONTRACT FOR THE 6631 - DISSOLVED AIR FLOTATION DISSOLUTION IMPROVEMENTS PROJECT**

**Council Agenda: 02-26-13  
Item:**

**City Council Action Request**

<b>Department:</b> Environmental Services, Public Works	<b>CEQA:</b> Exempt, PP11-020	<b>Coordination:</b> Risk Mgmt, CAO, TPAC	<b>CMO Approval:</b>  1/24/13
			<b>Dept. Approval:</b> /s/ Ashwini Kantak Assistant Director, ESD

**RECOMMENDED ACTION:**

- 1) Award the construction contract for the Dissolved Air Flotation Dissolution Improvements Project to the low bidder, Monterey Mechanical Co., Oakland, CA in the amount of \$535,000.
- 2) Approve a 15% contingency in the amount of \$80,000.

**BASIS FOR RECOMMENDATION:**

The Sludge Control Building at the San José/Santa Clara Water Pollution Control Plant (Plant), constructed in 1961, houses the equipment for the dissolved air flotation (DAF) process for thickening the waste activated sludge from the secondary treatment process. The DAF equipment consists of four pressure pumps, discharge pipes and manifolds, 16 pressurization tanks, and associated control equipment. Due to age and corrosion, the existing discharge pipes, the common manifold, and valves has been plagued with leaks, which have increased significantly in recent years. A Condition Assessment Study completed in May 2007 by a consultant confirmed these severe corrosion and leaking conditions and also recommended automating all inlet and discharge valves for the ease of operability. This project will increase the operability and reliability of the DAF system by addressing the needs identified in the Study as follows:

- Replacement of a section of the sludge manifold pipe and installation of a 30-inch butterfly valve
- Replacing two 24-inch discharge pipes for Pressure Pump Systems No. 3 and No. 4
- Replacing the existing check and gate valves for Pressure Pump Systems No. 2, 3, and 4 with new City-furnished check valves and knife gate valves
- Installing new electric actuators on all eight new and existing knife gate valves

This project was advertised in November 2012 with a total of 4 bidders submitting proposals. Monterey Mechanical Co., Oakland, CA, submitted the low bid in the amount of \$535,000 which is 33.8% above the Engineer's Estimate. The other three bids were ranging from 38.3% to 52% above the Engineer's Estimate, reflecting the complexity of pipe and valves demolition and extra mobilization expenses required in the congested basement which are beyond the original cost estimate. The low bid amount is considered acceptable and a 15% contingency is recommended for this project.

**COST AND FUNDING SOURCE:**

1.	AMOUNT OF RECOMMENDATION/COST OF PROJECT:	\$535,000
2.	COST OF PROJECT:	
	Project Delivery	\$276,000
	Construction	\$535,000
	Contingency	\$80,000
	<b>TOTAL PROJECT COSTS</b>	<b>\$891,000</b>
	Prior Year Expenditures	(81,943)
	<b>REMAINING PROJECT COSTS</b>	<b>\$809,057</b>

SOURCE OF FUNDING: 512 – San José-Santa Clara Treatment Plant Capital Fund, 7225 - Dissolved Air Flotation Rehabilitation and Odor Control appropriation (\$1 million for 2012-2013).

**FOR QUESTIONS CONTACT:** Michael O'Connell, Deputy Director, Public Works at (408) 535-8300 or Ashwini Kantak, Acting Assistant Director, Environmental Services at (408) 535-8147.



# Memorandum

**TO:** HONORABLE MAYOR  
AND CITY COUNCIL

**FROM:** Kerrie Romanow

**SUBJECT:** SEE BELOW

**DATE:** 2-13-13

Approved

Date

2/13/13

**SUBJECT: AGREEMENT TO PROVIDE TEMPORARY STAFFING AT THE  
WATER POLLUTION CONTROL PLANT**

## RECOMMENDATION

Adopt a resolution to authorize the City Manager to:

- A. Execute a master agreement with HKA Enterprises, Inc. to provide temporary staffing of Plant Operators and Plant Mechanics for the San José/Santa Clara Water Pollution Control Plant, for the term beginning March 1, 2013 through March 1, 2014, for an amount not to exceed \$1,200,000, subject to the appropriation of funds.
- B. Exercise up to four additional one-year options to extend the term of the Agreement through March 1, 2018, subject to the appropriation of funds.

## OUTCOME

Supplement the full-time workforce and provide required critical resources necessary for the safe and continuous operation of the San José/Santa Clara Water Pollution Control Plant (Plant).

## BACKGROUND

On August 14, 2012, the Council approved the recommendation to enter into negotiations with any firm that can provide temporary staffing resources for Plant Operator and Plant Mechanic without further competition, with the final agreement(s) subject to Council approval. Staff identified two staffing agencies specializing in the temporary placement of Plant Operator and Plant Mechanic classifications and initiated negotiations.

## ANALYSIS

Staff identified two staffing agencies, HKA Enterprises, Inc. and Aerotek, Inc. who can provide temporary staffing services of Plant Operators and Plant Mechanics at the Plant.

Staff recommends approval of the master agreement with HKA Enterprises, Inc. HKA Enterprises, Inc. is an international staffing agency located in South Carolina. Since 1977, HKA has specialized in providing staffing services in the area of Engineering Services, Construction Services, Operations and Maintenance, Transmission and Distribution and Information Technology. HKA has been providing similar staffing assistance to wastewater facilities nationwide since 2008.

The proposed agreement contemplates placement of temp employees following City request through a Work Assignment Request specifying the number of number of positions needed, duties required, and length of assignment for either plant operations or plant mechanic services. The City will reimburse HKA for the actual hours worked at the hourly rate defined in the master agreement.

The duties performed by the Wastewater Treatment Plant Mechanic classification, repairing, overhauling and maintaining the Plant's industrial mechanical equipment that are located above and below ground and machinery housed in various buildings, is work covered by the City's prevailing wage (Res. No. 61144). Prevailing wage rates for employees covered by the Policy are those wage rates established or published by the State Department of Industrial Relations. When there is no Department of Industrial Relations established or published prevailing wage rate for a particular classification, the City's Office of Equality Assurance establishes the wage and benefit rate(s). For the Plant Mechanic classification, the Office of Equality Assurance did not conduct a survey of other wastewater facilities in the region. The proposed rate is based on the City's Pay Plan for Plant Mechanic.

The cost submitted by HKA Enterprises, including the hourly rate set out by the prevailing wage determination for Plant Mechanics, and inclusive of all statutory costs, mark-up, etc. for the both the Plant Operator and Plant Mechanic classifications are:

	Plant Operator not subject to Prevailing Wage	Plant Mechanic subject to Prevailing Wage
Straight Time	\$ 73.55	\$ 74.22
Overtime	\$94.89	\$95.49
Holiday	\$94.89	\$95.49
Swing	\$74.55	\$75.22
Graveyard	\$74.55	\$75.22

Staff is looking at ways to most effectively integrate temporary staffing within the Operations and Maintenance work groups. It is currently anticipated that the temporary agency staff will work during daytime hours only.

The following table shows maximum costs for both City employees and temporary staff based upon 1792 hours of work per year (2080 hours minus 288 hours per year for holiday, sick and

vacation days). However, the annual cost of a City employee for these positions include fringe benefits and overhead costs and is not reflective of take-home compensation. The City established total hourly rate (includes base and fringe) for the Plant Mechanic position is approximately \$ 46.39 per hour.

Classification	City Employees (Annual Cost)	Temporary Staffing (Annual Cost)
Plant Operator I	\$105,994 (includes hourly rate and overhead)	\$131,802
Plant Mechanic	\$106,870 (includes hourly rate and overhead)	\$133,002

**EVALUATION AND FOLLOW-UP**

ESD will continue to provide quarterly updates to Council through T&E Committee in March 2013 regarding the status of efforts to meet Plant Staffing needs. ESD will return to Council with any required appropriation adjustments required for this agreement. Pending successful negotiations with Aerotek Inc., staff will bring forward a separate agreement for Council consideration in Spring 2013.

**PUBLIC OUTREACH/INTEREST**

- ✓ **Criteria 1:** Requires Council action on the use of public funds equal to \$1 million or greater. **(Required: Website Posting)**
- Criteria 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)**
- Criteria 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)**

This item meets Criterion 1; a copy of the City Council memo will be posted to the City's website for the March 5, 2013 meeting.

**COORDINATION**

This memorandum was coordinated with the Department of Public Works/Office of Equality Assurance, Department of Human Resources, City Manger’s Budget Office and the City Attorney’s Office.

This item is scheduled to be heard at the 2-14-13 TPAC Meeting.

**FISCAL/POLICY ALIGNMENT**

This action is consistent with Council approved Budget Strategy to focus on protecting vital core City services for both the short and long term.

**COST SUMMARY/IMPLICATIONS**

The cost estimate for a master agreement with HKA Enterprises, Inc to provide temporary Plant Operators and Plant Mechanics is as follows:

<b>FY 2012-2013 (March 1 – June 30, 2013)</b>				
	Estimated Temporary Staff	Hourly Cost	4-month term 690 hours (in hours)	Estimated Total Cost
Plant Operators	3	\$73.55	690	\$ 152,249
Plant Mechanic	3	\$74.22	690	\$ 153,635
Total FY 2012-13	6			\$ 305,884

<b>FY 2013-2014* (July 1 – March 1, 2014)</b>				
	Estimated Temporary Staff	Hourly Cost	8-month term (in hours)	Estimated Total Cost
Plant Operators	4	\$73.55	1387	\$ 408,055
Plant Mechanic	4	\$74.22	1387	\$ 411,773
Total FY 2012-13	8			\$ 819,828

**Approximate total for one-year term of agreement \$1,125,712**

\* FY 2013-2014 estimates subject to Council approval of appropriation of funds.

**BUDGET REFERENCE**

Fund #	Appn #	Appn. Name	RC #	Total Appn	Amt. for Contract*	Adopted Budget (Page)	Last Budget Action (Date, Ord. No.)
513	0762	Non-Personal/Equipment	50% - 911800 50% - 924800	\$30,754,290	\$422,280	XI-85	10/16/2012, Ord No. 29163

The total contract amount is for \$1,200,000. It is estimated that \$306,000 will be expended in 2012-2013. Temporary staffing services used in 2013-2014 are subject to the approval of appropriation of funds, for a total amount not to exceed \$1,200,000.

**CEQA**

Not a Project, File No. PP10-066(d), Consultant Services.

/s/

KERRIE ROMANOW  
Director, Environmental Services

For questions please contact Joanna De Sa, Deputy Director, at (408) 635-2039.

**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**

December 19, 2012 - January 31, 2013

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>										
TEMPS: LAB TECHNICIANS	FY12-13	16360	47412	ON ASSIGNMENT	\$96,762	7/1/12	6/30/13	\$101,993	\$198,755	EXT 6/30/13
FERRIC CHLORIDE (FECL3) SOLUTION	FY12-13	16435		KEMIRA WATER SOLUTIONS, INC	\$515,270					
TEMPS: GENERAL LABORERS TO ASSIST OPERATORS	FY12-13	16439 16440	47497	TRENDTEC INC	\$121,992	7/1/12	6/30/13	\$120,115	\$242,107	EXT 6/30/13
<b>ONGOING:</b>										
INSPECTIONS, TECHNICAL ASSISTANCE, RECONDITION & REPAIR ENGINE/ENGINE PARTS	FY12-13	15616	48149	NRG ENERGY SERVICES LLC	\$150,000	1/2/13	1/1/14			
REPLACE DEHUMIDIFICATION UNITS	FY12-13	16332			\$100,000					
TEST, TROUBLESHOOT, REPAIR SERVICE	FY12-13	16583		VINCENT ELECTRIC	\$120,000					
PRIMARY TANK OVERHAUL	FY12-13	16654			\$520,000					
OVERHAUL OF TPS & FLOWAY PUMPS	FY12-13	16732	48162	MARTECH INC (MECAHNICAL ANALYSIS REPAIR INC)	\$200,000	2/1/13	1/31/14			
SERVICE: COATING REHABILITATION OF 5 CLARIFIERS	FY12-13	16911			\$800,000					

<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)