

OTAY WATER DISTRICT  
ENGINEERING, OPERATIONS & WATER RESOURCES COMMITTEE MEETING  
and  
SPECIAL MEETING OF THE BOARD OF DIRECTORS

2554 SWEETWATER SPRINGS BOULEVARD  
SPRING VALLEY, CALIFORNIA  
Board Room

**TUESDAY**  
**December 8, 2015**  
**12:00 P.M.**

This is a District Committee meeting. This meeting is being posted as a special meeting in order to comply with the Brown Act (Government Code Section §54954.2) in the event that a quorum of the Board is present. Items will be deliberated, however, no formal board actions will be taken at this meeting. The committee makes recommendations to the full board for its consideration and formal action.

**AGENDA**

1. ROLL CALL
2. PUBLIC PARTICIPATION – OPPORTUNITY FOR MEMBERS OF THE PUBLIC TO SPEAK TO THE BOARD ON ANY SUBJECT MATTER WITHIN THE BOARD'S JURISDICTION BUT NOT AN ITEM ON TODAY'S AGENDA

**DISCUSSION ITEMS**

3. AWARD A CONSTRUCTION CONTRACT TO ADVANCED INDUSTRIAL SERVICES, INC. FOR THE 980-1 RESERVOIR INTERIOR/EXTERIOR COATINGS AND UP-GRADES PROJECT IN AN AMOUNT NOT-TO-EXCEED \$876,500 (CAMERON) [5 min]
4. AWARD A PROFESSIONAL AS-NEEDED LAND SURVEYING SERVICES CONTRACT TO HUNSAKER AND ASSOCIATES SAN DIEGO, INC. TO EXECUTE AN AGREEMENT WITH HUNSAKER IN AN AMOUNT NOT-TO-EXCEED \$175,000 FOR A PERIOD OF THREE (3) FISCAL YEARS (FY 2016 THROUGH FY 2018, ENDING JUNE 20, 2019) (O'DONNELL) [5 min]
5. FIRST QUARTER OF FISCAL YEAR 2016 CAPITAL IMPROVEMENT PROGRAM UPDATE REPORT (MARTIN) [5 minutes]
6. SAN DIEGO COUNTY WATER AUTHORITY UPDATE (WATTON) [10 minutes]
7. ADJOURNMENT

BOARD MEMBERS ATTENDING:

Gary Croucher, Chair  
Tim Smith

All items appearing on this agenda, whether or not expressly listed for action, may be deliberated and may be subject to action by the Board.

The Agenda, and any attachments containing written information, are available at the District's website at [www.otaywater.gov](http://www.otaywater.gov). Written changes to any items to be considered at the open meeting, or to any attachments, will be posted on the District's website. Copies of the Agenda and all attachments are also available through the District Secretary by contacting her at (619) 670-2280.

If you have any disability that would require accommodation in order to enable you to participate in this meeting, please call the District Secretary at 670-2280 at least 24 hours prior to the meeting.

Certification of Posting

I certify that on December 4, 2015 I posted a copy of the foregoing agenda near the regular meeting place of the Board of Directors of Otay Water District, said time being at least 24 hours in advance of the meeting of the Board of Directors (Government Code Section §54954.2).

Executed at Spring Valley, California on December 4, 2015.

/s/ Susan Cruz, District Secretary

# AGENDA ITEM 3



## STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	January 6, 2016
SUBMITTED BY:	Kevin Cameron Associate Civil Engineer	PROJECT:	P2545-001103
	Bob Kennedy Engineering Manager	DIV. NO.	5
APPROVED BY:	<input checked="" type="checkbox"/> Rod Posada, Chief, Engineering <input checked="" type="checkbox"/> German Alvarez, Assistant General Manager <input checked="" type="checkbox"/> Mark Watton, General Manager		
SUBJECT:	Award of a Construction Contract to Advanced Industrial Services, Inc. for the 980-1 Reservoir Interior/Exterior Coatings & Upgrades Project		

### **GENERAL MANAGER'S RECOMMENDATION:**

That the Otay Water District (District) Board of Directors (Board) award a construction contract to Advanced Industrial Services, Inc. (AIS) and to authorize the General Manager to execute a construction contract with AIS for the 980-1 Reservoir Interior/Exterior Coatings & Upgrades Project in an amount-not-to exceed \$876,500 (see Exhibit A for Project location).

### **COMMITTEE ACTION:**

Please see Attachment A.

### **PURPOSE:**

To obtain Board authorization for the General Manager to enter into a construction contract with AIS for the 980-1 Reservoir Interior/Exterior Coatings & Upgrades Project in an amount-not-to exceed \$876,500.

## **ANALYSIS:**

The 980-1 Reservoir is one of two 5.0 million gallon potable water storage facilities in the 980 pressure zone that serve the Central Area of the District. The 980-1 Reservoir was originally constructed in 1986. In January 2015, the District's staff identified excessive corrosion on one (1) of the five (5) roof vents on the 980-1 Reservoir. The vent was temporarily repaired, and District staff further investigated the tank's condition and recoating schedule.

The District's corrosion consultant, HDR, Inc., maintains a Corrosion Control Program (CCP) that addresses the installation, maintenance, and monitoring of corrosion protection systems for the District's steel reservoirs and buried metallic piping. The CCP included a reservoir maintenance schedule that showed the 980-1 Reservoir was due to be recoated on both the interior and exterior surfaces in 2019. An in-service internal and external inspection was performed by Dive/Corr, Inc. which illustrated the interior roof coating was in fair to poor condition, and there were areas of blistering on the shell and floor beneath the waterline. The interior coating was replaced in 2001, and although blistering paint was still protecting the steel, blisters in the paint are the beginning signs of failure. The coating on the exterior has never been completely replaced, only spot repaired as needed. Given the condition of the interior coating, the age of the exterior coating, along with replacement of the existing roof vents, and a number of other structural upgrades, the tank recoating was accelerated. In addition to replacing the coatings and structural upgrades, safety items will be installed to comply with current safety and health requirements. During construction, service in the 980 pressure zone will be provided by the 980-2 Reservoir.

The recommended structural upgrades, developed with input from Engineering and Operations staff, are as follows: replace the coating on the interior and exterior surfaces, replace the existing level indicators, install new fall prevention devices on the interior and exterior ladders, modify anode access ports, replace all cathodic anodes, replace all five (5) roof vents, install new safety cable lanyards for roof access, and add multiple tank penetrations for chlorination and sampling. These upgrades will ensure compliance with American Water Works Association (AWWA) and the Occupational Safety and Health Administration Standards for both Federal (OSHA) and State (Cal-OSHA) as well as upgrade antiquated equipment on the tank.

The Project was advertised on October 9, 2015 on the District's website and several other publications including the San Diego Union

Tribune. A Pre-Bid Meeting was held on October 20, 2015, which was attended by two (2) contractors. By request, an additional site visit was held on October 21, 2015, and one (1) contractor attended. One (1) addendum was sent out to all bidders and plan houses to address questions and clarifications to the contract documents during the bidding period. Bids were publicly opened on October 29, 2015, with the following results:

	<b>CONTRACTOR</b>	<b>TOTAL BID AMOUNT</b>
1	Advanced Industrial Services, Inc. Los Alamitos, CA	\$876,500.00
2	Blastco, Inc. Downey, CA	\$1,031,240.00
3	Simpson Sandblasting & Special Coatings, Inc. Fontana, CA	\$1,050,039.00

The Engineer's Estimate is \$1,077,000.

The evaluation process included reviewing all bids submitted for conformance to the contract documents. The lowest bidder, AIS, submitted a responsible bid and holds a Class A Contractor's license which expires on January 31, 2016. AIS also holds a current QP-2 certification from the Society for Protective Coatings, which was also a requirement. The District has previously worked with AIS on the following interior and exterior reservoir coating projects; 803-3, 832-2, and the 624-2 Reservoir in 2014, which were completed on time and under budget. Staff checked three new references, and the response from other agencies indicated AIS has an excellent performance rating on similar projects. The proposed Project Manager has experience throughout California on similar projects and received excellent recommendations. AIS was also awarded the 711-1 & 711-2 Reservoir coating at the October 7, 2015 Board Meeting. Including the references from the previous projects, the District has contacted twelve other agencies to ask about AIS' performance, and all have had very good responses. A background search of the company was performed on the internet and revealed no outstanding issues with this company. AIS submitted the Company Background and Company Safety Questionnaires, as required by the Contract Documents. Staff confirmed that AIS is registered with the Department of Industrial Relations, as required by Senate Bill SB 854.

Staff has verified that the bid bond provided by Travelers Casualty and Surety Company of America is valid. Once AIS signs the contract, they will furnish the performance bond and labor and materials bond. Staff will verify both bonds prior to executing the contract.

**FISCAL IMPACT:**

Joe Beachem, Chief Financial Officer

The total budget for CIP P2529, as approved in the FY 2016 budget, is \$1,495,000. Total expenditures, plus outstanding commitments and forecast, are \$1,258,240. See Attachment B for the budget detail.

Based on a review of the financial budget, the Project Manager anticipates that the budget is sufficient to support the Project.

The Finance Department has determined that, under the current rate model, 100% of the funding will be available from the Replacement Fund.

**STRATEGIC GOAL:**

This Project supports the District's Mission statement, "To provide high value water and wastewater services to the customers of the Otay Water District in a professional, effective, and efficient manner" and the General Manager's Vision, "A District that is at the forefront in innovations to provide water services at affordable rates, with a reputation for outstanding customer service."

**LEGAL IMPACT:**

None.

KC/BK:jf

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- Attachments: Attachment A - Committee Action
- Attachment B - Budget Detail
- Exhibit A - Location Map



## ATTACHMENT A

<b>SUBJECT/PROJECT:</b> P2545-001103	Award of a Construction Contract to Advanced Industrial Services, Inc. for the 980-1 Reservoir Interior/Exterior Coatings & Upgrades Project
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### **COMMITTEE ACTION:**

The Engineering, Operations, and Water Resources Committee (Committee) reviewed this item at a meeting held on December 8, 2015. The Committee supported Staff's recommendation.

### **NOTE:**

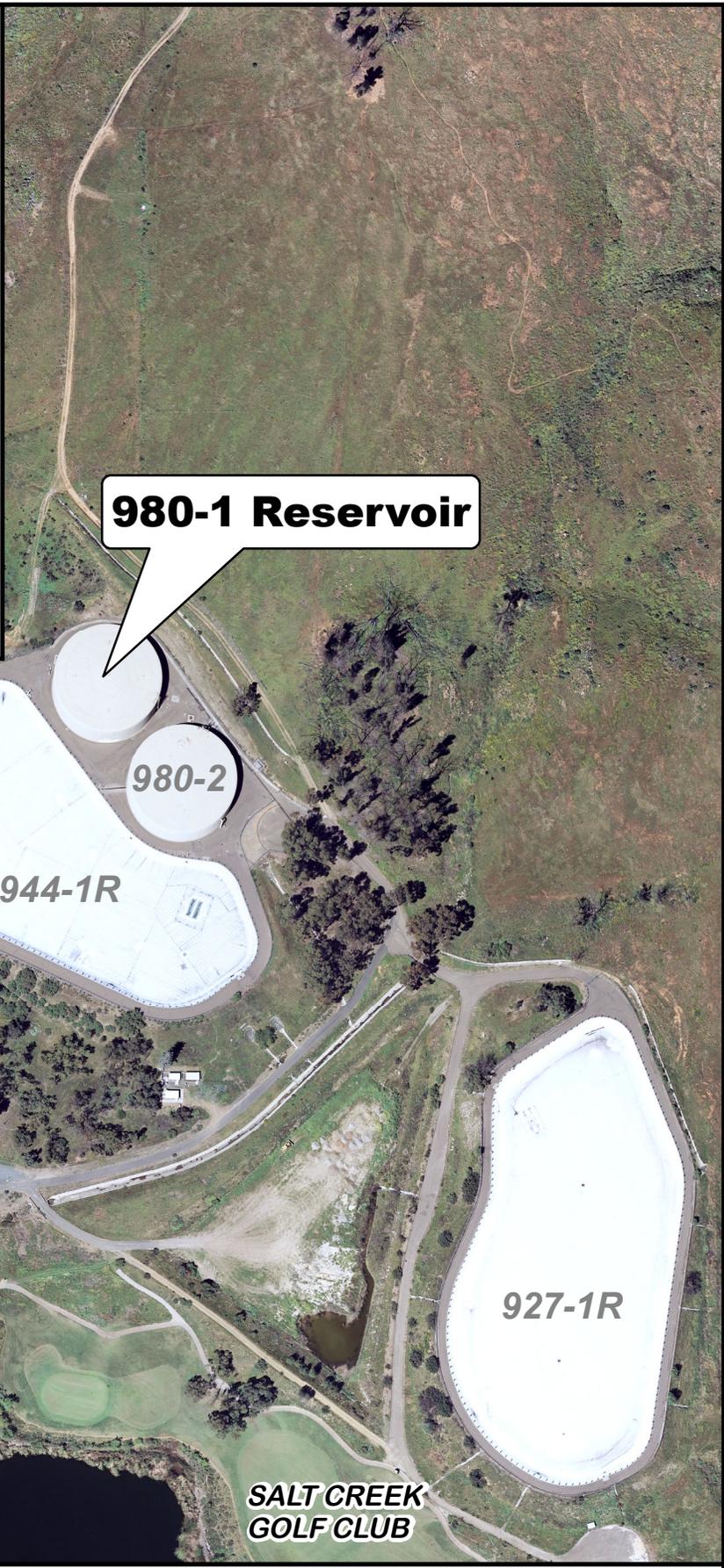
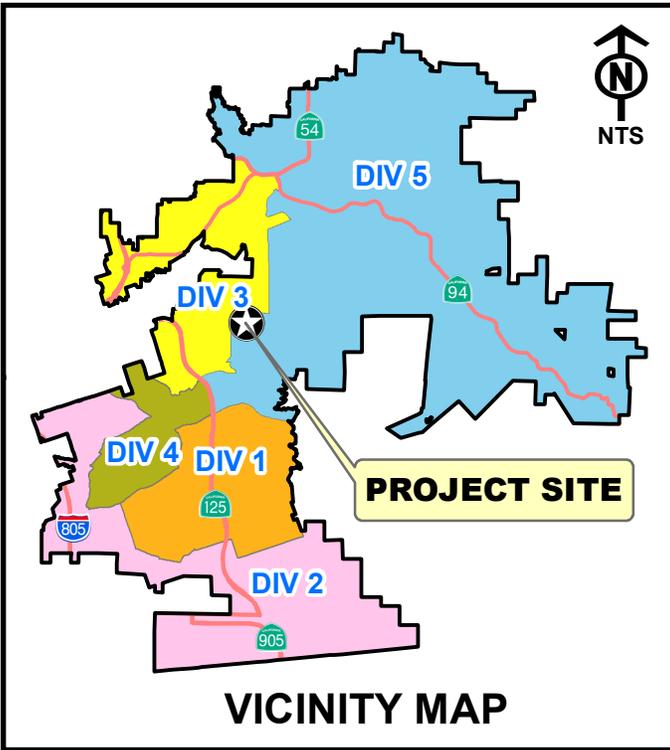
The "Committee Action" is written in anticipation of the Committee moving the item forward for Board approval. This report will be sent to the Board as a Committee approved item, or modified to reflect any discussion or changes as directed from the Committee prior to presentation to the full Board.



## ATTACHMENT B – Budget Detail for P2545

<b>SUBJECT/PROJECT:</b>	Award of a Construction Contract to Advanced Industrial Services, Inc. for the 980-1 Reservoir Interior/Exterior Coatings & Upgrades Project
P2545-001103	

Otay Water District					Date Updated: 11/10/15
P2545-980-1 Reservoir Interior/Exterior Coating					
<i>Budget</i>	<i>Committed</i>	<i>Expenditures</i>	<i>Outstanding Commitment &amp;</i>	<i>Projected Final Cost</i>	<i>Vendor/Comments</i>
<b>1,495,000</b>					
<b>Planning</b>					
Standard Salaries	-	-	-	-	
Consultant Contracts	2,750	2,750	-	2,750	DIVE/CORR INC
<b>Total Planning</b>	2,750	2,750	-	2,750	
<b>Design</b>					
Standard Salaries	40,000	24,689	15,311	40,000	
Service Contracts	1,500	977	523	1,500	MAYER
	500	407	93	500	SAN DIEGO UNION TRIBUNE
<b>Total Design</b>	42,000	26,073	15,927	42,000	
<b>Construction</b>					
Standard Salaries	150,000	811	149,189	150,000	
Construction Contract	876,500	-	876,500	876,500	ADVANCED INDUSTRIAL SERVICES
Service Contracts	60,000	-	60,000	60,000	SPECIALTY INSPECTION
	40,000	-	40,000	40,000	ALYSON CONSULTING-CM
	150	-	150	150	CLARKSON LAB & SUPPLY
	35,000	-	35,000	35,000	WATCHLIGHT CORPORATION
Professional Legal Fees	5,000	-	5,000	5,000	STUTZ ARTIANO SHINOFF
Equipment Rental	15	15	-	15	EQUIPMENT RENTAL CO
Project Closeout	3,000	-	3,000	3,000	CLOSEOUT
Project Contingency	43,825	-	43,825	43,825	5% CONTINGENCY
<b>Total Construction</b>	1,213,490	826	1,212,664	1,213,490	
<b>Grand Total</b>	<b>1,258,240</b>	<b>29,649</b>	<b>1,228,591</b>	<b>1,258,240</b>	



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**OTAY WATER DISTRICT**  
**980-1 Reservoirs Interior/Exterior Coating & Upgrades**  
**Location Map**



CIP P2545

# AGENDA ITEM 4



## STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	January 6, 2016
SUBMITTED BY:	Michael O'Donnell Supervising Land Surveyor  Brandon DiPietro Field Services Manager	PROJECT:	VARIOUS DIV. NO. ALL
APPROVED BY:	<input checked="" type="checkbox"/> Rod Posada, Chief, Engineering <input checked="" type="checkbox"/> German Alvarez, Assistant General Manager <input checked="" type="checkbox"/> Mark Watton, General Manager		
SUBJECT:	Award of As-Needed Land Surveying Services Contract to Hunsaker & Associates San Diego, Inc. for Fiscal Years 2016 through 2018		

### **GENERAL MANAGER'S RECOMMENDATION:**

That the Otay Water District (District) Board of Directors (Board) award a professional As-Needed Land Surveying Services contract to Hunsaker & Associates San Diego, Inc. (Hunsaker) and to authorize the General Manager to execute an agreement with Hunsaker in an amount not-to-exceed \$175,000 for a period of three (3) fiscal years, FY 2016 through FY 2018 (ending June 30, 2019).

### **COMMITTEE ACTION:**

Please see Attachment A.

### **PURPOSE:**

To obtain Board authorization for the General Manager to enter into a professional As-Needed Land Surveying Services agreement with Hunsaker in an amount not-to-exceed \$175,000 for three (3) fiscal years, FY 2016 through FY 2018 (ending June 30, 2019).

## **ANALYSIS:**

The District will require the services of a professional land surveying consultant on an as-needed basis for three (3) fiscal years to support the following:

- District's Capital Improvement Program (CIP)
- Cadastral Base Mapping Program
- Right-of-Way Management Program
- USA Mark-Out Program

The District has used an as-needed contract for land surveying services over the previous two (2) fiscal years to augment existing staff and for tasks that require specialty services. The annual effort of the As-Needed Land Surveying services, used to support the District's CIP, Cadastral Base Mapping, Right-of-Way Management, and USA Mark-Out programs from October 2013 through October 2015, averaged hours that equated to less than a full-time employee (FTE) at a rate of 0.13 FTE per year. An analysis of land surveying workload for FY 2016 through FY 2018 indicates an increasing level of effort from prior years will be needed with averaged hours that equate at a rate of 0.40 FTE per year.

The District's experience has demonstrated that it is efficient and cost effective to issue an as-needed contract for land surveying services which will provide the District with the ability to obtain consulting services in a timely and cost efficient manner. In addition to land surveying services, this concept has also been used in the past for other disciplines such as engineering design, construction management, electrical, and environmental services.

The District will issue task orders to the consultant for specific projects during the contract period based on a detailed scope of work. The consultant will then prepare a schedule and fee estimate for each task order assigned under the contract. Upon written task order authorization from the District, the consultant shall then proceed with the project, as described in the scope of work.

This As-Needed Land Surveying Services contract does not commit the District to any expenditure until a task order is approved to perform work on a project. The District does not guarantee work to the consultant, nor does the District guarantee that it will expend all of the funds authorized by the contract on professional services.

The District solicited for Land Surveying Services by placing an advertisement on the District's website on August 27, 2015 and with various other publications including the San Diego Daily Transcript.

Twelve (12) firms submitted a Letter of Interest and a Statement of Qualifications. The Request for Proposal (RFP) for As-Needed Land Surveying Services was sent to the twelve (12) firms resulting in nine (9) proposals received by September 30, 2015.

- Hunsaker & Associates San Diego, Inc., San Diego, CA
- Project Design Consultants, San Diego, CA
- D. Woolley and Associates, Tustin, CA
- O'Day Consultants, Inc., San Diego, CA
- San Dieguito Engineering, Inc., Encinitas, CA
- Alyson Consulting, San Diego, CA
- Towill, Inc., San Diego, CA
- TSAC Engineering, San Diego, CA
- PSOMAS, San Diego, CA

The three (3) firms that chose not to propose are NV5, Calvada Surveying, Inc., and Dennis Janda, Inc.

In accordance with the District's Policy 21, staff evaluated and scored all written proposals. Hunsaker received the highest score for their services based on their experience, understanding of the scopes of work, proposed method to accomplish the work, and their composite hourly rate. Hunsaker was the most qualified consultant with the best overall rating or ranking score. A summary of the complete evaluation is shown in Attachment B.

Hunsaker submitted the Company Background Questionnaire, as required by the RFP, and staff did not find any outstanding issues. In addition, staff checked their references and performed an internet search on the company. Staff found the references to be excellent and did not find any outstanding issues with the internet search.

**FISCAL IMPACT:**  Joe Beachem, Chief Financial Officer

The funds for this contract will be expended from the Fiscal Years 2016, 2017, and 2018 budgets for various projects or programs. This contract is for professional as-needed land surveying consulting services based on the District's need and schedule, and expenditures will not be made until a task order is approved by the District for the consultant's services on a specific project or program.

Based on a review of the financial budgets, the Project Manager anticipates that the budgets will be sufficient to support the professional as-needed land surveying consulting services required for various projects and the programs noted above.

The Finance Department has determined that under the current rate model, the funds to cover this contract will be available as budgeted for these projects or programs.

**STRATEGIC GOAL:**

This Project supports the District's Mission statement, "To provide high value water and wastewater services to the customers of the Otay Water District in a professional, effective, and efficient manner" and the District's Vision, "A District that is innovative in providing water services at affordable rates, with a reputation for outstanding customer service."

**LEGAL IMPACT:**

None.

MO:jf

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Attachments: Attachment A - Committee Action  
Attachment B - Summary of Proposal Rankings



## ATTACHMENT A

<b>SUBJECT/PROJECT:</b>	Award of As-Needed Land Surveying Services Contract to Hunsaker & Associates San Diego, Inc. for Fiscal Years 2016 through 2018
Various	

### **COMMITTEE ACTION:**

The Engineering, Operations, and Water Resources Committee reviewed this item at a meeting held on December 8, 2015. The Committee supported Staff's recommendation.

### NOTE:

The "Committee Action" is written in anticipation of the Committee moving the item forward for Board approval. This report will be sent to the Board as a Committee approved item, or modified to reflect any discussion or changes as directed from the Committee prior to presentation to the full Board.

**ATTACHMENT B  
SUMMARY OF PROPOSAL RANKINGS  
As-Needed Land Surveying Services**

		WRITTEN								REFERENCES	
		Qualifications of Team	Responsiveness and Project Understanding	Technical and Management Approach	INDIVIDUAL SUBTOTAL - WRITTEN	AVERAGE SUBTOTAL - WRITTEN	Proposed Rates*	Consultant's Commitment to DBE	TOTAL SCORE		
MAXIMUM POINTS		30	25	30	85	85	15	Y/N	100	Poor/Good/Excellent	
1	D.Woolley and Associates, Inc.	Brandon DiPietro	27	20	21	68	69	8	Y	77	
		Chad Thompson	26	20	25	71					
		Dan Martin	25	22	23	70					
		Jeff Marchioro	26	22	21	69					
		Kevin Cameron	24	20	25	69					
2	Hunsaker & Associates San Diego, Inc.	Brandon DiPietro	30	24	28	82	81	15	Y	96	Excellent
		Chad Thompson	29	24	28	81					
		Dan Martin	29	24	28	81					
		Jeff Marchioro	29	24	29	82					
		Kevin Cameron	29	24	28	81					
3	Project Design Consultants	Brandon DiPietro	28	22	26	76	78	8	Y	86	
		Chad Thompson	28	24	27	79					
		Dan Martin	28	24	27	79					
		Jeff Marchioro	29	22	28	79					
		Kevin Cameron	28	23	28	79					
4	Psomas	Brandon DiPietro	29	23	27	79	77	1	Y	78	
		Chad Thompson	28	24	28	80					
		Dan Martin	27	24	24	75					
		Jeff Marchioro	28	23	24	75					
		Kevin Cameron	27	22	27	76					
5	Towill	Brandon DiPietro	28	21	24	73	76	7	Y	83	
		Chad Thompson	27	23	26	76					
		Dan Martin	27	24	27	78					
		Jeff Marchioro	28	23	26	77					
		Kevin Cameron	27	22	27	76					
6	TSAC Engineering	Brandon DiPietro	27	21	24	72	71	9	Y	80	
		Chad Thompson	26	22	24	72					
		Dan Martin	25	22	22	69					
		Jeff Marchioro	28	21	22	71					
		Kevin Cameron	25	23	25	73					
7	O'Day Consultants	Brandon DiPietro	26	20	22	68	70	3	Y	73	
		Chad Thompson	26	21	24	71					
		Dan Martin	25	23	23	71					
		Jeff Marchioro	27	22	22	71					
		Kevin Cameron	23	20	24	67					
8	Alyson Consulting	Brandon DiPietro	26	24	26	76	75	12	Y	87	
		Chad Thompson	27	23	24	74					
		Dan Martin	27	23	23	73					
		Jeff Marchioro	28	23	25	76					
		Kevin Cameron	27	22	27	76					
9	SDE, Inc.	Brandon DiPietro	26	19	22	67	69	2	Y	71	
		Chad Thompson	25	20	23	68					
		Dan Martin	24	23	24	71					
		Jeff Marchioro	26	22	21	69					
		Kevin Cameron	24	21	23	68					

RATES SCORING CHART		
Consultant	Rate	Score
1 D.Woolley and Associates, Inc.	\$1,387	8
2 Hunsaker & Associates San Diego, Inc.	\$1,020	15
3 Project Design Consultants	\$1,365	8
4 Psomas	\$1,714	1
5 Towill	\$1,420	7
6 TSAC Engineering	\$1,317	9
7 O'Day Consultants	\$1,626	3
8 Alyson Consulting	\$1,190	12
9 SDE, Inc	\$1,675	2

\*The fees were evaluated by comparing rates for nine (9) positions. The sum of these rates are noted in the above table.  
Note: Review Panel does not see or consider rates when scoring other categories. Rates are scored by the PM, who is not on Review Panel.



# AGENDA ITEM 5

## STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	January 6, 2016
SUBMITTED BY:	Dan Martin Engineering Manager	PROJECT:	VARIOUS DIV. NO. ALL
APPROVED BY:	<input checked="" type="checkbox"/> Rod Posada, Chief of Engineering <input checked="" type="checkbox"/> German Alvarez, Assistant General Manager <input checked="" type="checkbox"/> Mark Watton, General Manager		
SUBJECT:	Informational Item - First Quarter Fiscal Year 2016 Capital Improvement Program Report		

**GENERAL MANAGER'S RECOMMENDATION:**

No recommendation. This is an informational item only.

**COMMITTEE ACTION:**

Please see Attachment A.

**PURPOSE:**

To update the Board about the status of all CIP project expenditures and to highlight significant issues, progress, and milestones on major projects.

**ANALYSIS:**

To keep up with growth and to meet our ratepayers' expectations to adequately deliver safe, reliable, cost-effective, and quality water, each year the District staff prepares a Six-Year CIP Plan that identifies the District's infrastructure needs. The CIP is comprised of four categories consisting of backbone capital facilities, replacement/renewal projects, capital purchases, and developer's reimbursement projects.





## ATTACHMENT A

<b>SUBJECT/PROJECT:</b> VARIOUS	Informational Item - First Quarter Fiscal Year 2016 Capital Improvement Program Report
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### **COMMITTEE ACTION:**

The Engineering, Operations, and Water Resources Committee (Committee) reviewed this item at a Committee Meeting held on December 8, 2015. The Committee supported Staff's recommendation.

### **NOTE:**

The "Committee Action" is written in anticipation of the Committee moving the item forward for Board approval. This report will be sent to the Board as a Committee approved item, or modified to reflect any discussion or changes as directed from the Committee prior to presentation to the full Board.

**FISCAL YEAR 2016  
FIRST QUARTER REPORT  
(Expenditures through 09/30/2015)  
(\$000)**

**Attachment B**

CIP No.	Description	Project Manager	FISCAL YEAR-TO-DATE, 09/30/15				LIFE-TO-DATE, 09/30/15				Comments
			FY 2016 Budget	Expenses	Balance	Expense to Budget %	Budget	Expenses	Balance	Expense to Budget %	
<b>CAPITAL FACILITY PROJECTS</b>											
P2040	Res - 1655-1 Reservoir 0.5 MG	Cameron	\$ 25	\$ -	\$ 25	0%	\$ 2,200	\$ 478	\$ 1,722	22%	Planning for this project has just begun. <sup>1</sup>
P2083	PS - 870-2 Pump Station Replacement	Marchioro	350	50	300	14%	15,000	1,370	13,630	9%	On target. Q1 expense slower compared to Q2 through Q4 since consultant (Carollo) amendment processed during Q1.
P2267	36-Inch Main Pumpouts and Air/Vacuum Ventilation Installations	Marchioro	50	11	39	22%	735	421	314	57%	On target.
P2325	PL-10" to 12" Oversize, 1296 Zone, PB Road-Rolling Hills Hydro PS/PB Bndy	Beppler	1	1	-	100%	22	1	21	5%	Developer reimbursement request associated with this project under review in Q1.
P2451	Otay Mesa Desalination Conveyance and Disinfection System	Posada	350	105	245	30%	30,000	3,364	26,636	11%	Expect to spend 75% of Fiscal Year budget or \$265,000 total for the Fiscal Year.
P2466	Regional Training Facility	Coburn-Boyd	8	1	7	13%	300	288	12	96%	On track.
P2469	Information Technology Network and Hardware	Kerr	175	-	175	0%	1,684	1,887	(203)	112%	For this Fiscal Year, \$174,800 will be spent, then the CIP will be closed. <sup>1</sup>
P2470	Financial System Enhancements	Kerr	100	26	74	26%	1,765	1,693	72	96%	Purchased software for Customer Service and anticipate spending \$25K-\$30K for Eden Payroll and Self-Service Module later this Fiscal Year.
P2486	Asset Management Plan Condition Assessment and Data Acquisition	Zhao	75	-	75	0%	1,015	859	156	85%	The hiring of a consultant has been put on hold.
P2511	Otay Interconnect Pipeline	Marchioro	50	413	(363)	826%	2,601	2,498	103	96%	FY 2016 expense currently projected at \$420K rather than \$50K. Purchase of Caltrans parcels was on hold during FY 2016 budget development cycle.
P2537	Operations Yard Property Acquisition Improvements	Beppler	450	25	425	6%	775	191	584	25%	Construction is expected to be completed this Fiscal Year and is estimated at \$500K.
P2540	Work Order Management System Replacement	Kerr	60	146	(86)	243%	500	443	57	89%	Payment for work scheduled for Q4 FY 2015 held until Contractor completed delivery of system in Q1 of FY 2016. Overall project is within budget.
P2541	624 Pressure Zone PRSs	Marchioro	525	9	516	2%	750	234	516	31%	On target. Q1 expense slower compared to Q2 through Q4 since contractor (CCL) has not yet broken ground. Linked to R2108.
P2547	District Administration Vehicle Charging Stations	Beppler	1	-	1	0%	60	11	49	18%	Little activity expected this Fiscal Year.
P2549	Fuel System Upgrade	Payne	30	-	30	0%	30	-	30	0%	To be completed in the 3rd QTR.
P2551	Blossom Lane Helix WD and Otay WD Interconnection	Beppler	150	2	148	1%	193	10	183	5%	Construction completion anticipated in early 2016. Invoices from HWD may total \$170K.
P2552	South Barcelona Helix WD and Otay WD Interconnection	Beppler	150	2	148	1%	200	10	190	5%	Invoices from HWD may total \$170K.
P2554	640/340 PRS at Energy Way and Nirvana Avenue	Marchioro	1	-	1	0%	400	-	400	0%	No progress anticipated in FY 2016.
P2555	Administration and Operations Parking Lot Improvements	Cameron	10	8	2	80%	500	8	492	2%	Project has been accelerated.
P2561	Res - 711-3 Reservoir Cover/Liner Replacement	Marchioro	5	-	5	0%	1,800	-	1,800	0%	No progress anticipated in FY 2016.
P2562	Res - 571-1 Reservoir Cover/Liner Replacement	Marchioro	1	-	1	0%	2,600	-	2,600	0%	No progress anticipated in FY 2016.
P2563	Res - 870-1 Reservoir Cover/Liner Replacement	Marchioro	1	-	1	0%	1,000	-	1,000	0%	No progress anticipated in FY 2016.
P2568	Technology Business Processes Improvement	Kerr	40	25	15	63%	115	25	90	22%	Anticipate spending another \$10K-\$20K for solutions for business process improvements.
P2569	Metro Ethernet Implementation/ District Facilities - Pilot	Kerr	100	-	100	0%	100	-	100	0%	This project will commence in the 3rd QTR.
P2570	SCADA Equipment & Infrastructure Enhancement	Kerr	-	-	-	0%	300	-	300	0%	No expenditures anticipated in FY 2016.
P2571	Datacenter Network Enhancement & Replacement of Infrastructure Componets	Kerr	-	-	-	0%	200	-	200	0%	No expenditures anticipated in FY 2016.
P2572	Enterprise Resource Planning (ERP) Replacement	Kerr	-	-	-	0%	250	-	250	0%	No expenditures anticipated in FY 2016.
R2077	RecPL - 24-Inch, 860 Zone, Alta Road - Alta Gate/Airway	Beppler	5	-	5	0%	2,850	2,810	40	99%	Little activity scheduled this Fiscal Year.
R2107	RWCWRF Screening Compactor and Chlorine Injectors Enclosure	Vaclavek	7	3	4	43%	215	180	35	84%	No further expenses projected for FY 2016. Project is complete.
R2108	Res - 927-1 Reservoir Cover Replacement	Marchioro	10	-	10	0%	1,090	1,082	8	99%	On target. Final warranty inspection scheduled for 3rd QTR.
R2110	RecPS - 944-1 Optimization and Pressure Zone Modifications	Marchioro	25	4	21	16%	200	88	112	44%	FY 2016 expense currently projected at \$45K rather than \$25K. Linked to P2541.
R2114	Large Recycle Pump Replacement at the RWCWRF 927-1 Pump Station	Anderson	40	-	40	0%	120	89	31	74%	No additional funds will be spent this Fiscal Year.
R2117	RWCWRF Disinfection System Improvements	Beppler	110	5	105	5%	2,500	109	2,391	4%	Waiting on results of IPR/DPR study on plant before making a decision on next step. Do not expect to spend the full Fiscal Year budget.

<sup>1</sup> Spending in Fiscal Year 2016 will be within the fiscal year-to-date budget amount. However, due to clerical errors during the budget preparation, the prior year's spending for CIPs P2040 and P2469 was understated. Staff has identified additional controls to prevent future inaccuracies and will correct these two CIPs in the upcoming budget process.

**FISCAL YEAR 2016  
FIRST QUARTER REPORT  
(Expenditures through 09/30/2015)  
(\$000)**

**Attachment B**

CIP No.	Description	Project Manager	FISCAL YEAR-TO-DATE, 09/30/15				LIFE-TO-DATE, 09/30/15				Comments
			FY 2016 Budget	Expenses	Balance	Expense to Budget %	Budget	Expenses	Balance	Expense to Budget %	
R2118	Steele Canyon Sewer PS Chopper Pump	Beppler	40	-	40	0%	40	-	40	0%	Engineering/OPS working on pump selection.
R2119	Treatment Plant Automation & Security Upgrades	Beppler	50	-	50	0%	200	-	200	0%	No activity to date; budget still adequate.
R2121	Res - 944-1 Reservoir Cover/Liner Replacement	Marchioro	25	13	12	52%	1,400	13	1,387	1%	On target.
R2122	Emergency Recycled Water Fire Hydrant Installations	Cameron	75	11	64	15%	75	11	64	15%	Project is on schedule; gathering Agency requirements.
S2043	RWCWRF Sludge Handling System	Beppler	1	-	1	0%	47	40	7	85%	Little activity scheduled this Fiscal Year.
	<b>Total Capital Facility Projects</b>	<b>Total:</b>	<b>3,096</b>	<b>860</b>	<b>2,236</b>	<b>28%</b>	<b>73,832</b>	<b>18,213</b>	<b>55,619</b>	<b>25%</b>	
	<b>REPLACEMENT/RENEWAL PROJECTS</b>										
P2382	Safety and Security Improvements	Ramirez	300	63	237	21%	2,667	2,321	346	87%	\$63K in District-wide system upgrades were completed by the end of Q1 FY 2016. Project phases will continue into FY 2016. It is anticipated that the remaining balance of \$237K will be expensed in phase projects during the remainder of FY 2016.
P2453	SR-11 Utility Relocations	Marchioro	5	97	(92)	1940%	2,250	1,515	735	67%	FY 2016 expense projected at \$180K, rather than \$5K. Construction contract not completed in FY 2015 as anticipated. Overall project within budget.
P2485	SCADA Communication System and Software Replacement	Segura	75	45	30	60%	2,014	1,455	559	72%	This project is on target. Estimated to expend 100% of the budgeted CIP.
P2493	624-2 Reservoir Interior/Exterior Coating	Cameron	55	2	53	4%	1,675	1,538	137	92%	Project is in the warranty period; expenditures planned for the 4th QTR.
P2494	Multiple Species Conservation Plan	Coburn-Boyd	87	2	85	2%	950	848	102	89%	Rate of contract completion estimated to increase in Q2, Q3, and Q4.
P2495	San Miguel Habitat Management/Mitigation Area	Coburn-Boyd	120	16	104	13%	2,100	1,156	944	55%	On track.
P2496	Otay Lakes Road Utility Relocations	Martin	20	-	20	0%	325	282	43	87%	Final punch list items pending from City.
P2504	Regulatory Site Access Road and Pipeline Relocation	Cameron	50	-	50	0%	900	329	571	37%	Project is driven by County Fire.
P2507	East Palomar Street Utility Relocation	Cameron	25	10	15	40%	940	704	236	75%	Project is complete; processing reimbursement.
P2508	Pipeline Cathodic Protection Replacement Program	Marchioro	150	4	146	3%	725	188	537	26%	Pace anticipated to accelerate during Q2 through Q3.
P2515	870-1 Reservoir Paving	Beppler	15	4	11	27%	510	509	1	100%	Project construction complete. Project was accepted on February 11, 2015 and has a one year warranty.
P2518	803-3 Reservoir Interior/Exterior Coating	Cameron	20	-	20	0%	700	638	62	91%	Project is in the warranty period, expenditures planned for the 3rd QTR.
P2519	832-2 Reservoir Interior/Exterior Coating	Cameron	20	1	19	5%	750	663	87	88%	Project is in the warranty period, expenditures planned for the 3rd QTR.
P2520	Motorola Mobile Radio Upgrade	Martinez	30	-	30	0%	135	77	58	57%	Anticipate spending in the 3rd QTR.
P2529	711-2 Reservoir Interior & Exterior Coating	Cameron	600	20	580	3%	790	35	755	4%	Project is on schedule, construction to begin in the 2nd QTR.
P2530	711-1 Reservoir Interior & Exterior Coating	Cameron	800	21	779	3%	1,040	37	1,003	4%	Project is on schedule, construction to begin in the 2nd QTR.
P2531	944-1 Reservoir Interior & Exterior Coating	Cameron	205	79	126	39%	390	90	300	23%	Project is behind schedule. Contractor is being assessed liquidated damages.
P2532	944-2 Reservoir Interior & Exterior Coating	Cameron	101	48	53	48%	946	935	11	99%	Reservoir in service. Contractor to complete punch list items; associated with P2531.
P2533	1200-1 Reservoir Interior & Exterior Coating	Cameron	5	-	5	0%	565	-	565	0%	Project is on schedule, expenditures planned for the 4th QTR.
P2534	978-1 Reservoir Interior & Exterior Coating	Cameron	-	-	-	0%	325	-	325	0%	No expenditures for FY 2016.
P2535	458-2 Reservoir Interior & Exterior Coating & Upgrades	Cameron	294	205	89	70%	839	579	260	69%	Project is behind schedule. Contractor is being assessed liquidated damages.
P2538	Administration and Operations Building Fire Sprinkler Replacement Program	Cameron	5	1	4	20%	110	65	45	59%	Project is on schedule.
P2539	South Bay Bus Rapid Transit (BRT) Utility Relocations	Cameron	100	5	95	5%	940	835	105	89%	SANDAG driven project.
P2542	850-3 Reservoir Interior Coating	Cameron	230	240	(10)	104%	530	385	145	73%	Construction contract acceptance anticipated in Q2.
P2543	850-1 Reservoir Interior/Exterior Coating	Cameron	-	-	-	0%	575	-	575	0%	No expenditures for FY 2016.

**FISCAL YEAR 2016  
FIRST QUARTER REPORT  
(Expenditures through 09/30/2015)  
(\$000)**

CIP No.	Description	Project Manager	FISCAL YEAR-TO-DATE, 09/30/15				LIFE-TO-DATE, 09/30/15				Comments
			FY 2016 Budget	Expenses	Balance	Expense to Budget %	Budget	Expenses	Balance	Expense to Budget %	
P2544	850-2 Reservoir Interior/Exterior Reservoir Coating	Cameron	5	-	5	0%	940	-	940	0%	Project is on schedule, expenditures planned for the 4th QTR.
P2545	980-1 Reservoir Interior Exterior Coating	Cameron	950	9	941	1%	1,495	9	1,486	1%	Project is on schedule. Construction to begin in the 3rd QTR.
P2546	980-2 Reservoir Interior/Exterior Coating	Cameron	-	-	-	0%	1,450	-	1,450	0%	No expenditures for FY 2016.
P2550	Fuel Island Upgrade	Payne	75	-	75	0%	75	-	75	0%	To be completed in the 3rd QTR.
P2553	Heritage Road Bridge Replacement and Utility Relocation	Cameron	10	-	10	0%	1,200	-	1,200	0%	City of Chula Vista driven project.
P2557	520 Res Recirculation Pipeline Chemical Supply and Analyzer Feed Replacement Project	Beppler	1	-	1	0%	100	-	100	0%	Little activity scheduled this Fiscal Year.
P2558	Additional Pump Station Fuel Storage	Rahders	25	-	25	0%	25	-	25	0%	Will be expensed by end of 3rd QTR.
P2559	Pressure Vessel Repair and Replacement Program	Marchioro	50	15	35	30%	300	15	285	5%	On target.
P2564	Administration Carpet Replacement Program	Payne	65	-	65	0%	215	-	215	0%	To be completed in the 3rd QTR.
P2565	803-2 Reservoir Interior/Exterior Coating & Upgrades	Cameron	-	-	-	0%	725	-	725	0%	No expenditures for FY 2016.
P2566	520-2 Reservoir Interior/Exterior Coating & Upgrades	Cameron	-	-	-	0%	1,790	-	1,790	0%	No expenditures for FY 2016.
P2567	1004-2 Reservoir Interior/Exterior Coating & Upgrades	Cameron	-	-	-	0%	565	-	565	0%	No expenditures for FY 2016.
R2109	Sweetwater River Wooden Trestle Improvement for the Recycled Water Forcemain	Beppler	400	15	385	4%	516	135	381	26%	Construction to begin in Q2. Construction completion anticipated in Q4 of FY 2016.
R2111	RWCWRF - RAS Pump Replacement	Beppler	250	23	227	9%	600	173	427	29%	Construction completion anticipated in Q2 of FY 2016. Projected to exceed FY 2016 budget, but not total project budget.
R2112	450-1 Disinfection Facility Rehabilitation	Cameron	40	56	(16)	140%	265	207	58	78%	Project is in the Warranty period.
R2116	RecPL - 14-Inch, 927 Zone, Forcemain Assessment and Repair	Marchioro	225	39	186	17%	1,750	405	1,345	23%	On target.
R2120	RWCWRF Filtered Water Storage Tank Improvements	Beppler	10	-	10	0%	500	-	500	0%	No activity to date; budget appears to be adequate.
S2012	San Diego County Sanitation District Outfall and RSD Outfall Replacement	Beppler	50	-	50	0%	1,935	1,020	915	53%	District will receive invoice from the County late in the 4th QTR.
S2024	Campo Road Sewer Main Replacement	Beppler	500	172	328	34%	5,500	776	4,724	14%	Completion of design services expected this Fiscal Year. Estimated costs are within budget.
S2027	Rancho San Diego Pump Station Rehabilitation	Beppler	320	5	315	2%	3,500	78	3,422	2%	Project design is complete. Expect to see invoices for design only from County this Fiscal Year.
S2033	Sewer System Rehabilitation	Beppler	900	58	842	6%	6,000	1,629	4,371	27%	Rancho San Diego-Phase 1 project is out for bids in Q1. Construction scheduled for Q3 and Q4. Expect to spend allocated budget.
	<b>Total Replacement/Renewal Projects</b>	<b>Total:</b>	<b>7,188</b>	<b>1,255</b>	<b>5,933</b>	<b>17%</b>	<b>53,137</b>	<b>19,631</b>	<b>33,506</b>	<b>37%</b>	
	<b>CAPITAL PURCHASE PROJECTS</b>										
P2282	Vehicle Capital Purchases	Rahders	556	-	556	0%	5,191	3,105	2,086	60%	\$405K encumbered which will be expensed in 3rd QTR. \$151K will be expensed by end of 4th QTR.
P2285	Office Equipment and Furniture Capital Purchases	Payne	15	-	15	0%	589	536	53	91%	To be completed by the end of the 4th QTR.
P2286	Field Equipment Capital Purchases	Rahders	50	-	50	0%	1,808	1,303	505	72%	Will be expensed by end of 3rd QTR.
P2366	APCD Engine Replacements and Retrofits	Rahders	535	-	535	0%	3,835	2,535	1,300	66%	Anticipate a 10% savings. CP 22 will be purchased in 2nd QTR; CP17 will be purchased during the 4th QTR.
	<b>Total Capital Purchase Projects</b>	<b>Total:</b>	<b>1,156</b>	<b>-</b>	<b>1,156</b>	<b>0%</b>	<b>11,423</b>	<b>7,479</b>	<b>3,944</b>	<b>65%</b>	
	<b>DEVELOPER REIMBURSEMENT PROJECTS</b>										
P2556	HWY 94 Upsized Utility Relocations at Melody Lane	Beppler	1	-	1	0%	250	-	250	0%	Little activity scheduled this Fiscal Year.
	<b>Total Developer Reimbursement Projects</b>	<b>Total:</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>0%</b>	<b>250</b>	<b>-</b>	<b>250</b>	<b>0%</b>	
89	<b>GRAND TOTAL</b>		<b>\$ 11,441</b>	<b>\$ 2,115</b>	<b>\$ 9,326</b>	<b>18%</b>	<b>\$ 138,642</b>	<b>\$ 45,323</b>	<b>\$ 93,319</b>	<b>33%</b>	

# Otay Water District Capital Improvement Program

Fiscal Year 2016  
First Quarter  
(through September 30, 2015)



850-3 (3.0 MG) New Center Support Structure

# Background

The approved CIP Budget for Fiscal Year 2016 consists of 80 projects that total \$11.4 million. These projects are broken down into four categories.

- |                            |                 |
|----------------------------|-----------------|
| 1. Capital Facilities      | \$ 3.1 million  |
| 2. Replacement/Renewal     | \$ 7.2 million  |
| 3. Capital Purchases       | \$ 1.1 million  |
| 4. Developer Reimbursement | \$ 1.0 thousand |

Overall expenditures through the First Quarter of Fiscal Year 2016 totaled \$2.1 million, which is approximately 18% of the Fiscal Year budget.

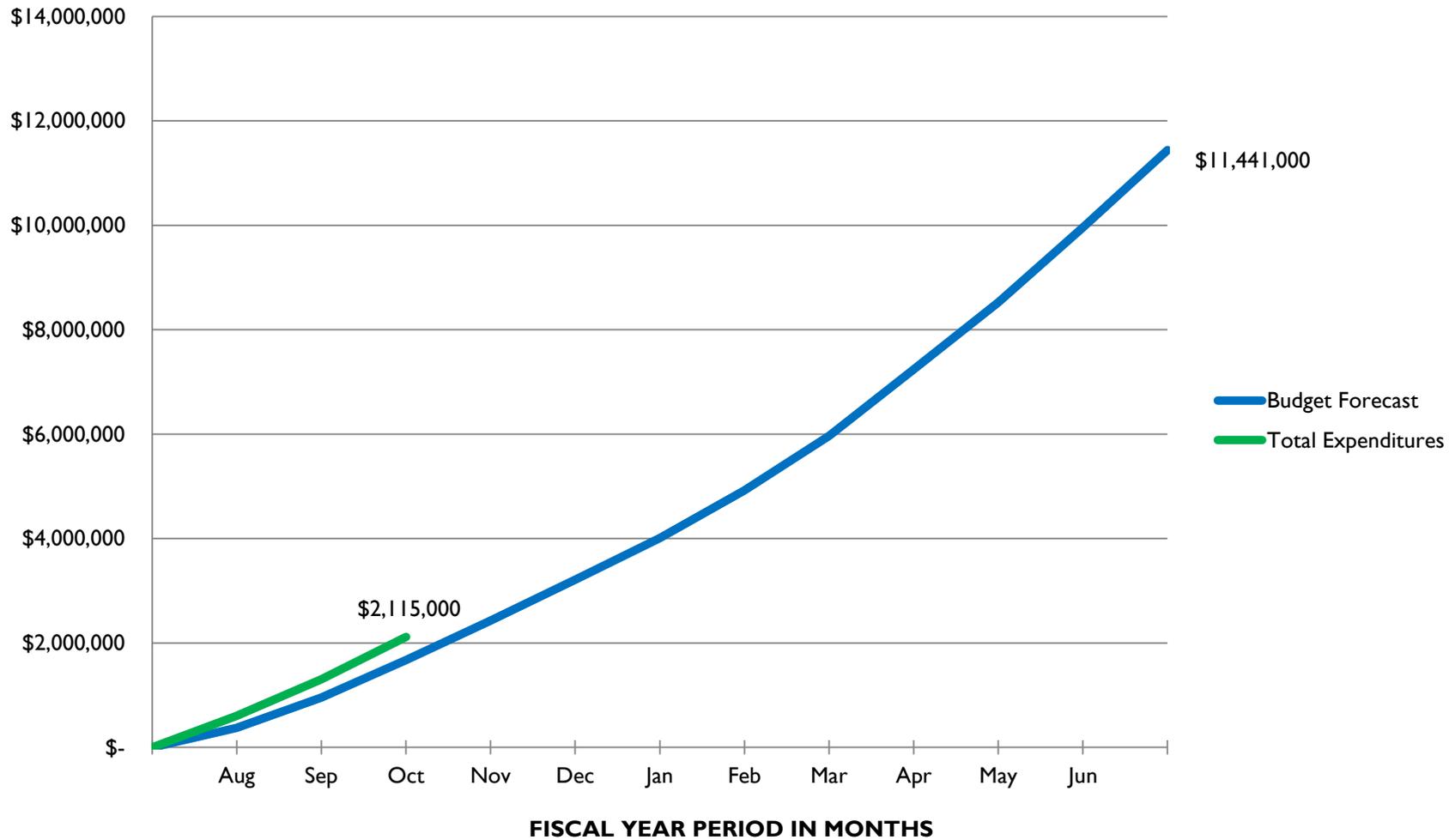
# Fiscal Year 2016

## First Quarter Update

(\$1,000)

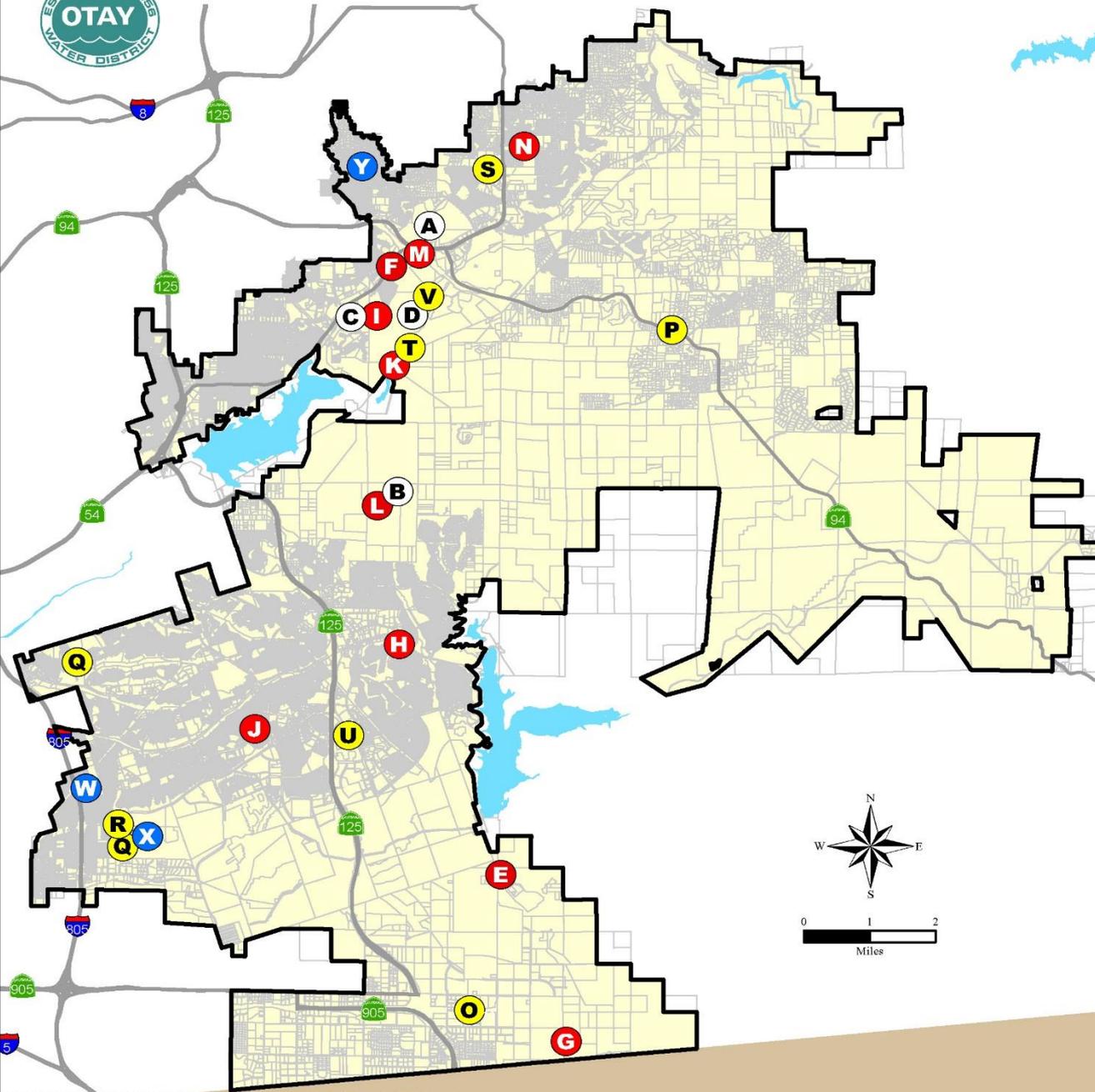
CIP CAT	Description	FY 2016 Budget	FY 2016 Expenditures	% FY 2016 Budget Spent	Total Life-to-Date Budget	Total Life-to-Date Expenditures	% Life-to-Date Budget Spent
1	<b>Capital Facilities</b>	\$3,096	\$860	28%	\$73,832	\$18,213	25%
2	<b>Replacement/ Renewal</b>	\$7,188	\$1,255	17%	\$53,137	\$19,631	37%
3	<b>Capital Purchases</b>	\$1,156	\$0	0%	\$11,423	\$7,479	65%
4	<b>Developer Reimbursement</b>	\$1	\$0	0%	\$250	\$0	0%
	<b>Total:</b>	\$11,441	\$2,115	18%	\$138,642	\$45,323	33%

# Fiscal Year 2016 First Quarter CIP Budget Forecast vs. Expenditures





# MAJOR CIP PROJECTS Fiscal Year 2016 - 1st Quarter



## PLANNING - 4

- (A)** P2504 - Regulatory Site Access Road & Pipeline Relocation
- (B)** P2545 - 980-1 Reservoir Interior/Exterior Coating
- (C)** P2547 - District Administration Vehicle Charging Stations
- (D)** R2117 - RWCWRF Contact Basin Expansion

## DESIGN - 10

- (E)** P2083 - 870-2 Pump Station Replacement
- (F)** P2267 - 36-Inch Main Pumpouts and Air/Vac Installations
- (G)** P2451 - Otay Mesa Conveyance and Disinfection System
- (H)** P2530/P2529 - 711-1 & 711-2 Reservoir Interior/Exterior Coating
- (I)** P2537 - Operations Yard Property Acquisition Improvements
- (J)** P2539 - South Bay Bus Rapid Transit (BRT) Utility Relocations
- (K)** R2116 - 14-Inch Forcemain Assessment and Repair
- (L)** R2121 - 944-1R Reservoir Cover and Liner Replacement
- (M)** S2024 - Campo Road Sewer Main Replacement
- (N)** S2033 - Rancho San Diego Basin Sewer Rehab - Phase 1

## CONSTRUCTION - 8

- (O)** P2453 - SR-11 Utility Relocations
- (P)** P2531/P2532 - 944-1 & 944-2 Reservoir Interior/Exterior Coating
- (Q)** P2541 - 624PZ Pressure Reducing Stations
- (R)** P2535 - 458-2 Reservoir Interior/Exterior Coating
- (S)** P2542 - 850-3 Reservoir Interior Coating
- (T)** R2109 - Sweetwater River Trestle Improvements
- (U)** R2110 - 944-1 Optimization and Pressure Zone Modifications
- (V)** R2111 - RAS Pump Replacement

## COMPLETED - 3

- (W)** P2507 - East Palomar Street Utility Relocation
- (X)** R2112 - 450-1 Disinfection Facility Rehabilitation
- (Y)** S2033 - Calavo Basin Sewer Rehab - Phase 1

# CIP Projects in Construction

- 850-3 Reservoir Interior Coating & Upgrades (P2542)
- Remove and Replace Deteriorating Reservoir Coatings.
- Structural Modifications to Increase Service Life.
- \$0.53M Budget
- Start: May 2015
- Estimated Completion: November 2015



850-3 (3.0 MG) Completed Interior Coating



850-3 (3.0 MG) Door Sheet Installation

# CIP Projects in Construction

- 944-1, 944-2, & 458-2 Reservoir Interior/Exterior Coating & Upgrades (P2531, P2532, P2535)
- Remove and Replace Deteriorating Reservoir Coatings.
- Structural Modifications to Increase Service Life.
- \$2.18M Budget
- Start: November 2014
- Estimated Completion: December 2015



458-2 (1.75 MG) Blasting Roof In Containment



944-1 (0.3 MG) Interior Reservoir Blasting Progress

# CIP Projects in Construction

- RWCWRF – Return Activated Sludge (RAS) Pump Replacement (R2111)
- Replace 3 RAS Pumps, motors, variable frequency drives, and associated electrical and piping work.
- \$0.60M Budget
- Start: February 2015
- Estimated Completion: December 2015



RAS Pumps Waste Piping Modifications



Pre-Installation Pipe Coating Progress

# CIP Projects in Construction

- SR-II Utility Relocations Sequence I (P2453)
- Relocate Existing Water Facilities to support SR-II Construction.
- \$2.25M Budget
- Start: February 2014
- Estimated Completion: November 2015



SR-II Connection Work for 18-inch Waterline

# Construction Contract Status

## FY 2016 CIP CONSTRUCTION PROJECTS

CIP NO.	PROJECT TITLE	CONTRACTOR	BASE BID AMOUNT	CONTRACT AMOUNT W/ ALLOWANCES	NET CHANGE ORDERS LTD*		CURRENT CONTRACT AMOUNT	TOTAL EARNED TO DATE	% CHANGE ORDERS W/ ALLOWANCE CREDIT**	% COMPLETE	EST. COMP. DATE
					PROJECT TOTAL	%					
<b>P2453-002103</b>	SR-11 Potable Water Utility Relocations - Sequence 1	Coffman Specialties, Inc.	\$947,380	\$992,380	\$39,480	4.2%	\$986,860	\$949,703	-0.6%	96.2%	<b>November 2015</b>
<b>P2531 P2532 P2535</b>	944-1, 944-2, & 458-2 Reservoirs Interior/Exterior Coating & Upgrades	Olympus and Associates Inc.	\$1,146,008	\$1,206,008	\$90,309	7.9%	\$1,296,317	\$1,008,733	7.5%	77.8%	<b>December 2015</b>
<b>R2111</b>	RWCWRF RAS Pumps Replacement	Cora Constructors Inc.	\$295,315	\$315,315	\$0	0.0%	\$295,315	\$113,965	-6.3%	38.6%	<b>December 2015</b>
<b>R2112</b>	450-1 Disinfection Facility Rehabilitation	Fordyce Construction, Inc.	\$108,350	\$128,350	(\$360)	-0.3%	\$107,990	\$107,990	-15.9%	100.0%	<b>Completed August 2015</b>
<b>S2033</b>	Calavo Basin Sewer Rehabilitation Phase 1	Arrieta Construction Inc.	\$521,890	\$529,490	(\$34,531)	-6.6%	\$494,959	\$494,959	-6.5%	100.0%	<b>Completed August 2015</b>
<b>P2542</b>	850-3 Reservoir Interior Coating	Abhe & Svoboda Inc.	\$336,720	\$366,720	\$25,410	7.5%	\$392,130	\$261,836	6.9%	66.8%	<b>November 2015</b>
<b>R2109</b>	Sweetwater River Trestle Improvements	Fordyce Construction, Inc.	\$153,740	\$173,740	\$0	0.0%	\$153,740	\$0	-11.5%	0.0%	<b>March 2016</b>
<b>P2541 R2110</b>	624 Zone PRSs & 944-R PRS Improvements	CCL Contracting Inc.	\$445,209	\$455,209	\$0	0.0%	\$445,209	\$0	-2.2%	0.0%	<b>March 2016</b>
		<b>TOTALS:</b>	<b>\$3,954,612</b>	<b>\$4,167,212</b>	<b>\$120,309</b>	<b>3.0%</b>	<b>\$4,172,521</b>	<b>\$2,937,186</b>	<b>0.1%</b>		

\*NET CHANGE ORDERS DO NOT INCLUDE ALLOWANCE ITEM CREDITS. IT'S A TRUE CHANGE ORDER PERCENTAGE FOR THE PROJECT

\*\*THIS CHANGE ORDER RATE INCLUDES THE CREDIT FOR UNUSED ALLOWANCES

# Consultant Contract Status

Consultant	CIP No.	Project Title	Original Contract Amount	Total Change Orders	Revised Contract Amount	Approved Payment To Date	% Change Orders	% Project Complete	Date of Signed Contract	End Date of Contract
<b>PLANNING</b>										
ATKINS	Varies	2015 WATER FACILITIES MASTER PLAN UPDATE	\$ 434,731.00	\$ -	\$ 434,731.00	\$ 271,627.23	0.0%	62.5%	1/28/2014	12/31/2016
CAROLLO ENGINEERS, INC.	VARIES	2015 INTEGRATED WATER RESOURCES PLAN UPDATE	\$ 99,993.00	\$ 6,300.00	\$ 106,293.00	\$ 42,778.87	6.3%	40.2%	11/17/2014	6/30/2016
CH2M HILL ENGINEERS INC	Varies	2015 URBAN WATER MANAGEMENT PLAN UPDATE	\$ 49,839.00		\$ 49,839.00	\$ -	0.0%	0.0%	9/10/2015	6/30/2018
WATER SYSTEMS CONSULTING INC	VARIES	AS-NEEDED HYDRAULIC MODELING FY15/16	\$ 175,000.00	\$ -	\$ 175,000.00	\$ 51,439.00	0.0%	29.4%	7/15/2014	6/30/2016
<b>DESIGN</b>										
AECOM	P2451	OTAY MESA CONVEYANCE AND DISINFECTION SYSTEM (DESIGN ENGINEER)	\$ 3,910,297.00	\$(131,859.00)	\$ 3,778,438.00	\$1,254,374.24	-3.4%	33.2%	1/6/2011	6/30/2018
ARCADIS U.S., INC.	P2434, P2511	VALUE ENGINEERING AND CONSTRUCTIBILITY REVIEW	\$ 153,628.00	\$ -	\$ 153,628.00	\$ 70,208.73	0.0%	45.7%	1/24/2012	6/30/2016
ARCADIS U.S. INC	VARIES	AS-NEEDED DESIGN FY 15-16	\$ 300,000.00	\$ -	\$ 300,000.00	\$ 138,182.90	0.0%	46.1%	9/11/2014	6/30/2016
ATKINS	Varies	AS-NEEDED ENGINEERING DESIGN SERVICES FY12-13	\$ 175,000.00	\$ -	\$ 175,000.00	\$ 157,396.56	0.0%	89.9%	10/26/2011	6/30/2016
BROWNSTEIN HYATT FARBER SCHRECK	P2451	OTAY MESA CONVEYANCE AND DISINFECTION SYSTEM (BINATIONAL WATER AND RELATED ISSUES)	\$ 100,000.00	\$ -	\$ 100,000.00	\$ 3,240.69	0.0%	3.2%	7/1/2015	6/30/2017
BSE ENGINEERING INC	Varies	AS-NEEDED ELECTRICAL SERVICES	\$ 100,000.00	\$ -	\$ 100,000.00	\$ 29,859.62	0.0%	29.9%	7/1/2012	6/30/2016
CAROLLO ENGINEERS INC	P2083	DESIGN/CONSTRUCTION FOR 870-2 PS	\$ 624,910.00	\$ 29,000.00	\$ 653,910.00	\$ 346,101.40	4.6%	52.9%	10/11/2013	12/31/2017
HDR ENGINEERING INC	Varies	CORROSION SERVICES FY14-FY16	\$ 684,750.00	\$ 45,000.00	\$ 729,750.00	\$ 597,283.01	6.6%	81.8%	11/22/2013	12/31/2015
LEE & RO INC	P2511	OTAY INTERCONNECT PIPELINE	\$ 2,769,119.00	\$ -	\$ 2,769,119.00	\$1,111,674.73	0.0%	40.1%	11/4/2010	12/31/2015
MICHAEL D.KEAGY REAL ESTATE	Varies	AS-NEEDED APPRAISAL SERVICES FY13-14	\$ 45,000.00	\$ -	\$ 45,000.00	\$ 39,500.00	0.0%	87.8%	9/17/2012	6/30/2016



# Consultant Contract Status

Consultant	CIP No.	Project Title	Original Contract Amount	Total Change Orders	Revised Contract Amount	Approved Payment To Date	% Change Orders	% Project Complete	Date of Signed Contract	End Date of Contract
NINYO & MOORE	Varies	GEOTECHNICAL SERVICES	\$ 175,000.00	\$ -	\$ 175,000.00	\$ 37,595.00	0.0%	21.5%	4/9/2015	6/30/2018
PIPELINE INSPECTION & CONDITION ANALYSIS CORPORATION	R2116	INSPECTION AND CONDITION ASSESSMENT OF THE RALPH W. CHAPMAN WATER RECYCLING FACILITY 14-INCH FORCE MAIN	\$ 302,092.00	\$ -	\$ 302,092.00	\$ 87,500.00	0.0%	29.0%	12/18/2014	4/30/2016
PSOMAS	VARIES	AS-NEEDED DESIGN FY 15-16	\$ 300,000.00	\$ -	\$ 300,000.00	\$ 20,472.63	0.0%	6.8%	9/11/2014	6/30/2016
RFYEAGER	Varies	AS-NEEDED CORROSION ENGINEERING AND RESERVOIR COATING INSPECTION	\$ 175,000.00	\$ -	\$ 175,000.00	\$ 86,604.00	0.0%	49.5%	2/9/2015	12/31/2016
RICK ENGINEERING COMPANY	S2024	CAMPO ROAD SEWER MAIN REPLACEMENT PROJECT	\$ 805,705.00	\$ -	\$ 805,705.00	\$ 462,731.07	0.0%	57.4%	5/27/2014	12/31/2017
RICK ENGINEERING COMPANY	Varies	TRAFFIC ENGINEERING SERVICES FY 16-18	\$ 175,000.00	\$ -	\$ 175,000.00	\$ 4,838.00	0.0%	2.8%	7/1/2015	6/30/2018
SILVA SILVA CONSULTING	P2451	OTAY MESA CONVEYANCE AND DISINFECTION SYSTEM (BINATIONAL WATER AND RELATED ISSUES)	\$ 115,000.00	\$ -	\$ 115,000.00	\$ 60,289.05	0.0%	52.4%	5/1/2014	6/30/2016
<b>CONSTRUCTION SERVICES</b>										
AIRX UTILITY SURVEYORS	Varies	AS-NEEDED SURVEYING SERVICES FY 14-15	\$ 175,000.00	\$ 45,000.00	\$ 220,000.00	\$ 191,519.25	25.7%	87.1%	9/18/2013	6/30/2016
AIRX UTILITY SURVEYORS	Varies	UTILITY LOCATING SERVICES FY 16-18	\$ 350,000.00		\$ 350,000.00	\$ -	0.0%	0.0%	10/12/2015	6/30/2018
ALYSON CONSULTING	Varies	CONSTRUCTION MGMT/INSPECTION FY 13-15	\$ 350,000.00	\$ 35,000.00	\$ 385,000.00	\$ 365,213.75	10.0%	94.9%	10/24/2012	12/31/2015
ALYSON CONSULTING	Varies	CONSTRUCTION MGMT/INSPECTION FY 16-17	\$ 350,000.00	\$ -	\$ 350,000.00	\$ 6,120.00	0.0%	1.7%	7/1/2015	6/30/2017
MICHAEL BAKER INT'L INC	P2083	870-2 PS CONSTRUCTION MANAGEMENT AND INSPECTION SERVICES	\$ 853,457.00	\$ -	\$ 853,457.00	\$ 27,220.50	0.0%	3.2%	7/30/2014	12/31/2017



# Consultant Contract Status

Consultant	CIP No.	Project Title	Original Contract Amount	Total Change Orders	Revised Contract Amount	Approved Payment To Date	% Change Orders	% Project Complete	Date of Signed Contract	End Date of Contract
<b>ENVIRONMENTAL</b>										
HELIX ENVIRONMENTAL	VARIES	MAINTENANCE AND MONITORING OF THE SAN MIGUEL HABITAT MANAGEMENT AREA AND CIP ASSOCIATED MITIGATION PROJECTS	\$ 476,173.00	\$ -	\$ 476,173.00	\$ 97,821.99	0.0%	20.5%	12/19/2014	12/31/2017
ICF INTERNATIONAL JONES & STOKES INC	VARIES	AS-NEEDED ENVIRONMENTAL SERVICES FY 15/16/17	\$ 375,000.00	\$ -	\$ 375,000.00	\$ 100,549.92	0.0%	26.8%	7/18/2014	6/30/2017
RECON	P2494	PREPARATION OF THE SUBAREA PLAN	\$ 270,853.00	\$ -	\$ 270,853.00	\$ 220,133.36	0.0%	81.3%	3/28/2008	6/30/2018
<b>WATER RESOURCES</b>										
MICHAEL R. WELCH	Varies	ENGINEERING PLANNING SVCS.	\$ 100,000.00	\$ -	\$ 100,000.00	\$ 9,750.00	0.0%	9.8%	4/9/2014	6/30/2019
<b>PUBLIC SERVICES</b>										
AEGIS	Varies	AS-NEEDED DEVELOPER PROJECTS FY 15-16	\$ 400,000.00	\$ -	\$ 400,000.00	\$ 71,174.56	0.0%	17.8%	2/12/2015	6/30/2017
<b>TOTALS:</b>			\$15,370,547.00	\$ 28,441.00	\$15,398,988.00	\$5,963,200.06	0.2%			



# QUESTIONS?