

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

**WEDNESDAY**  
**October 24, 2012**  
**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. APPROVE A PROFESSIONAL AS-NEEDED GEOTECHNICAL SERVICES CONTRACT WITH SOUTHERN CALIFORNIA SOIL & TESTING, INC. IN AN AMOUNT NOT-TO-EXCEED \$175,000 FOR A PERIOD OF THREE (3) FISCAL YEARS (FY 2013 TO FY 2015) (MARCHIORO) [5 minutes]
4. APPROVE CREDIT CHANGE ORDER NO. 1 TO THE EXISTING CONTRACT WITH GARCIA JUAREZ CONSTRUCTION, INC. IN THE AMOUNT OF <\$22,040.00> FOR THE CALAVO GARDENS SEWER REHABILITATION PROJECT (KAY) [5 minutes]
5. SAN DIEGO COUNTY WATER AUTHORITY UPDATE (WATTON) [10 minutes]
6. ADJOURNMENT

BOARD MEMBERS ATTENDING:  
Gary Croucher, Chair  
David Gonzalez



# AGENDA ITEM 2



## STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	November 7, 2012
SUBMITTED BY:	Jeff Marchioro Senior Civil Engineer  Ron Ripperger Engineering Manager	PROJECT:	VARIOUS DIV.NO. ALL
APPROVED BY:	<input checked="" type="checkbox"/> Rod Posada, Chief, Engineering <input checked="" type="checkbox"/> German Alvarez, Asst. General Manager <input checked="" type="checkbox"/> Mark Watton, General Manager		
SUBJECT:	Award of As-Needed Geotechnical Services Contract for Fiscal Years 2013 through 2015		

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

That the Otay Water District (District) Board of Directors (Board) award a professional As-Needed Geotechnical Services contract to Southern California Soil & Testing, Inc. (SCST) and to authorize the General Manager to execute an agreement with SCST in an amount not-to-exceed \$175,000 for a period of three (3) fiscal years (FY 2013 through FY 2015).

### **COMMITTEE ACTION:**

Please see Attachment A.

### **PURPOSE:**

To obtain Board authorization for the General Manager to enter into a professional As-Needed Geotechnical Services agreement with SCST in an amount not-to-exceed \$175,000 for a period of (3) fiscal years (FY 2013 through FY 2015).

**ANALYSIS:**

The District will require the services of a professional geotechnical consultant in support of the District's Capital Improvement Program (CIP) for three (3) fiscal years. It is more efficient and cost effective to issue an as-needed contract for geotechnical services which will provide the District with the ability to obtain consulting services in a timely and efficient manner. 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. The consultant will then prepare a detailed scope of work, 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.

The anticipated CIP projects that are estimated to require geotechnical services for the duration of this contract are listed below:

<b>CIP</b>	<b>DESCRIPTION</b>	<b>ESTIMATED COST</b>
P2453	SR-11 Utility Relocations	\$5,000
P2528	30-Inch Potable Water Pipeline Manifold at 624 Reservoirs	\$20,000
R2048	Otay Mesa Distribution Pipelines	\$50,000
S2024	Campo Road Sewer Main Replacement	\$15,000
S2033	Sewer System Various Locations Rehabilitation	\$20,000
S2040	Calavo Sewer Basin Improvements	\$20,000
S2041	Rancho San Diego Sewer Basin Improvements	\$20,000
<b>TOTAL:</b>		<b>\$150,000</b>

The geotechnical scopes of work for the above projects are estimated from preliminary information and past projects. Therefore, staff believes that a \$175,000 cap on the As-Needed Geotechnical Services contract is adequate, while still providing additional capacity for unforeseen support needs by the District.

This As-Needed Geotechnical Services contract does not commit the District to any expenditure until a task order is approved to perform work on a CIP 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 geotechnical services by placing an advertisement on the Otay Water District's website on July 26, 2012 and with various other publications including the San Diego Daily Transcript. Nineteen (19) firms submitted a letter of interest and a statement of qualifications. The Request for Proposal (RFP) for As-Needed Geotechnical Services was sent to the nineteen (19) firms resulting in twelve (12) proposals received by September 12, 2012.

- Christian Wheeler Engineering
- Construction Testing & Engineering, Inc
- Fugro Consultants, Inc.
- GENTERRA Consultants, Inc.
- Group Delta Consultants
- Helenschmidt Geotechnical, Inc.
- Hushmand Associates, Inc.
- MTGL, Inc.
- Ninyo & Moore
- RMA Group, Inc.
- Southern California Soil & Testing, Inc.
- URS Corporation

The seven (7) firms that chose not to propose are Allied Geotechnical Engineers, Inc.; AMEC E&I; GEI Consultants, Inc.; Geocon Incorporated; Geo-Logic Associates; Twining, Inc.; and VO Engineering, Inc.

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

SCST submitted the Company Background Questionnaire as required by the RFP and staff did not find any significant 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.

Based upon the review of all the hourly composite rates, staff did not negotiate with SCST to lower their proposed rates because their composite rate was below the average of the twelve (12) consultants that submitted proposals.

Staff has successfully worked with SCST in the past. SCST previously held the District's As-Needed Geotechnical Services agreements from January 2007 to June 2010.

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

The funds for this contract will be expended for a variety of projects, as previously noted above. This contract is for as-needed professional 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 CIP project.

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

The Finance Department has determined that the funds to cover this contract are available as budgeted for these projects.

**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.

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JM/RR:jf

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



## ATTACHMENT A

<b>SUBJECT/PROJECT:</b>	Award of As-Needed Geotechnical Services Contract for
VARIOUS	Fiscal Years 2013 through 2015

### **COMMITTEE ACTION:**

The Engineering, Operations, and Water Resources Committee reviewed this item at a meeting held on October 24, 2012. 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 Geotechnical Services**

MAXIMUM POINTS	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	
	30	25	30	85	85	15	Y/N	100	Poor/Good/Excellent
1. Christian Wheeler Engineering	Ronald Ripperger	26	24	26	76	14	Y	92	
	Dan Martin	28	24	28	80				
	Bob Kennedy	28	24	28	80				
	Daniel Kay	26	24	28	78				
	Kevin Cameron	27	23	28	78				
2. Construction Testing & Engineering, Inc	Ronald Ripperger	25	23	25	73	14	Y	89	
	Dan Martin	29	20	25	74				
	Bob Kennedy	28	23	28	79				
	Daniel Kay	26	23	27	76				
	Kevin Cameron	26	23	25	74				
3. Fugro Consultants, Inc.	Ronald Ripperger	25	21	23	69	1	Y	68	
	Dan Martin	25	22	22	69				
	Bob Kennedy	24	20	24	68				
	Daniel Kay	21	20	21	62				
	Kevin Cameron	23	21	22	66				
4. GENTERRA Consultants, Inc.	Ronald Ripperger	25	21	24	70	10	Y	77	
	Dan Martin	24	23	21	68				
	Bob Kennedy	24	20	24	68				
	Daniel Kay	22	21	21	64				
	Kevin Cameron	22	21	22	65				
5. Group Delta Consultants	Ronald Ripperger	26	24	26	76	6	Y	80	
	Dan Martin	25	23	25	73				
	Bob Kennedy	27	22	28	77				
	Daniel Kay	26	22	27	75				
	Kevin Cameron	25	22	23	70				
6. Helenschmidt Geotechnical, Inc.	Ronald Ripperger	25	21	23	69	6	Y	73	
	Dan Martin	24	22	21	67				
	Bob Kennedy	23	20	23	66				
	Daniel Kay	24	21	23	68				
	Kevin Cameron	23	20	21	64				
7. Hushmand Associates, Inc.	Ronald Ripperger	24	21	23	68	12	Y	78	
	Dan Martin	24	23	21	68				
	Bob Kennedy	24	20	24	68				
	Daniel Kay	21	20	20	61				
	Kevin Cameron	24	20	20	64				
8. MTGL, Inc.	Ronald Ripperger	25	21	23	69	15	Y	86	
	Dan Martin	27	23	23	73				
	Bob Kennedy	24	21	24	69				
	Daniel Kay	27	21	25	73				
	Kevin Cameron	25	23	23	71				
9. Ninyo & Moore	Ronald Ripperger	25	24	23	72	13	Y	84	
	Dan Martin	27	23	23	73				
	Bob Kennedy	24	20	24	68				
	Daniel Kay	28	22	24	74				
	Kevin Cameron	25	23	22	70				
10. RMA Group, Inc.	Ronald Ripperger	25	21	23	69	11	Y	79	
	Dan Martin	24	22	22	68				
	Bob Kennedy	24	20	24	68				
	Daniel Kay	25	20	23	68				
	Kevin Cameron	24	21	22	67				
11. Southern California Soil & Testing, Inc.	Ronald Ripperger	26	25	27	78	14	Y	94	Excellent
	Dan Martin	29	24	29	82				
	Bob Kennedy	28	23	29	80				
	Daniel Kay	29	24	29	82				
	Kevin Cameron	27	24	26	77				
12. URS Corporation	Ronald Ripperger	25	24	25	74	8	Y	85	
	Dan Martin	28	24	28	80				
	Bob Kennedy	28	22	29	79				
	Daniel Kay	26	23	27	76				
	Kevin Cameron	26	22	26	74				

RATES SCORING CHART			
Consultant	Rate	Position	Score
1. Christian Wheeler Engineering	\$1,651		14
2. Construction Testing & Engineering, Inc	\$1,664		14
3. Fugro Consultants, Inc.	\$2,735	lowest	1
4. GENTERRA Consultants, Inc.	\$2,012		10
5. Group Delta Consultants	\$2,305		6
6. Helenschmidt Geotechnical, Inc.	\$2,285		6
7. Hushmand Associates, Inc.	\$1,807		12
8. MTGL, Inc.	\$1,574	highest	15
9. Ninyo & Moore	\$1,742		13
10. RMA Group, Inc.	\$1,913		11
11. Southern California Soil & Testing, Inc.	\$1,657		14
12. URS Corporation	\$2,190		8

\*The fees were evaluated by comparing rates for seven positions and the cost for twelve soil laboratory tests. 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.



## STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	November 7, 2012
SUBMITTED BY:	Daniel Kay Associate Civil Engineer	PROJECT:	S2019-001103    DIV. NO. 3 S2020-001103 S2022-001103 S2026-001103
	Dan Martin Engineering Manager		
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:	Change Order No. 1 to the Contract with Garcia Juarez Construction Inc. for the Calavo Gardens Sewer Rehabilitation Project		

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

That the Otay Water District (District) Board of Directors (Board) approve credit Change Order No. 1 to the existing contract with Garcia Juarez Construction, Inc. (GJC) in the amount of <\$22,040.00> for the Calavo Gardens Sewer Rehabilitation Project (see Exhibit A for Project location).

### **COMMITTEE ACTION:**

Please see Attachment A.

### **PURPOSE:**

To obtain Board authorization for the General Manager to execute credit Change Order No. 1 in the amount of <\$22,040.00> to the contract with GJC for the Calavo Gardens Sewer Rehabilitation Project.

### **ANALYSIS:**

At the February 1, 2012 Board Meeting, the Board awarded a construction contract in an amount of \$2,316,275 to GJC for the Calavo Gardens Sewer Rehabilitation Project.

The Project consists of the replacement and capacity upgrades of approximately 4,500 linear feet of 8-inch and 10-inch sewer in the streets of Avocado Boulevard, Calavo Drive, Louisa Drive, Challenge Boulevard, and Hidden Mesa Drive in the Rancho San Diego area. The Project also includes a new flow control and diversion vault structure for the Calavo Sewer Lift Station.

GJC has completed the sewer replacement in the streets of Calavo Drive, Louisa Drive, Challenge Boulevard, Hidden Mesa Drive, and most of Avocado Boulevard. GJC is approximately 50% complete overall with the Project. Change Order No. 1 (Exhibit B) includes a variety of items including time and material for differing site conditions, additional paving, unknown utilities and various credits for modifications to the contract.

The following is a table summarizing the items in Change Order No. 1. The Location column depicts the general location for each item as shown in Exhibit A:

Item	Description	Location (Exhibit A)	Amount
1	Open Cut in Lieu of Jack & Bore Across Avocado Boulevard	Site 1	<\$20,000.00>
2	Delete Bid Item #5 Manhole Refurbishments	Sites 1,2,3,4	<\$85,000.00>
3	Modify Manhole Replacements in Avocado Boulevard	Site 1	<\$56,000.00>
4	Time and Materials Settlement through 7/31/12	Sites 1,2,4	\$125,000.00
5	Revised 15-Inch Alignment in Avocado Boulevard	Site 1	<\$10,000.00>
6	Relocate Street Light at Diversion Vault. Allowance Used to Cover Cost	Site 1	0.00
7	Additional Paving in Various Areas	Site 1,2,4	\$15,960.00
8	Unknown Utilities. Allowance Used to Cover Portion of Cost	Sites 1,2,3,4	\$8,000.00
		<b>TOTAL</b>	<b>&lt;\$22,040.00&gt;</b>

In summary, the net decrease to the Project for Change Order No. 1 is <\$22,040.00>.

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

Funding for the overall Project comes from four CIP projects - S2019, S2020, S2022, and S2026. The total budget is \$3,335,000.

The total budget for CIP S2019, as approved in the FY 2013 budget, is \$2,275,000. Total expenditures, plus outstanding commitments and forecast, is \$2,182,891. See Attachment B-1 for budget detail.

The total budget for CIP S2020, as approved in the FY 2013 budget, is \$600,000. Total expenditures, plus outstanding commitments and forecast, is \$596,047. See Attachment B-2 for budget detail.

The total budget for CIP S2022, as approved in the FY 2013 budget, is \$180,000. Total expenditures, plus outstanding commitments and forecast, is \$175,259. See Attachment B-3 for budget detail.

The total budget for CIP S2026, as approved in the FY 2013 budget, is \$280,000. Total expenditures, plus outstanding commitments and forecast, is \$274,243. See Attachment B-4 for budget detail.

Based on a review of the financial budget, the Project Manager anticipates that these budgets will be sufficient to support the Project.

Finance has determined that 100% of the funding is available from the Betterment Fund for CIPs S2019 and S2022 and 100% of the funding is available from the Replacement Fund for CIPs S2020 and S2026.

**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.

DK/DM:jf

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- Attachments:
- Attachment A - Committee Action
  - Attachment B-1 - S2019 Budget Detail
  - Attachment B-2 - S2020 Budget Detail
  - Attachment B-3 - S2022 Budget Detail
  - Attachment B-4 - S2026 Budget Detail
  - Exhibit A - Location Map
  - Exhibit B - Change Order No. 1



## ATTACHMENT A

<b>SUBJECT/PROJECT:</b> S2019-001103 S2020-001103 S2022-001103 S2026-001103	Change Order No. 1 to the Contract with Garcia Juarez Construction Inc. for the Calavo Gardens Sewer Rehabilitation Project
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### **COMMITTEE ACTION:**

The Engineering, Operations, and Water Resources Committee reviewed this item at a meeting held on October 24, 2012 and the following comments were made:

### **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-1

<b>SUBJECT/PROJECT:</b> S2019-001103 S2020-001103 S2022-001103 S2026-001103	Change Order No. 1 to the Contract with Garcia Juarez Construction Inc. for the Calavo Gardens Sewer Rehabilitation Project
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Otay Water District					Date Updated: September 25, 2012
S2019 - Avocado Boulevard 8-inch Sewer Main Impr					
Budget	Committed	Expenditures	Outstanding Commitment & Forecast	Projected Final Cost	Vendor/Comments
2,275,000					
<b>Planning</b>					
Labor	24,205	24,205	-	24,205	
Settlements	2,100	2,100	-	2,100	GARY THOMAS JALATY
Office Supplies	14	14	-	14	PETTY CASH CUSTODIAN
Consultant Contracts	11,287	11,287	-	11,287	LEE & RO INC
<b>Total Planning</b>	37,606	37,606	-	37,606	
<b>Design</b>					
Labor	155,564	155,564	-	155,564	
Settlements	5,500	5,500	-	5,500	JUAN NAVARRO
	5,900	5,900	-	5,900	LN REAL ESTATE LLC
Professional Legal Fees	2,632	2,632	-	2,632	STUTZ ARTIANO SHINOFF
Other Agency Fees	27	27	-	27	PETTY CASH CUSTODIAN
	3,460	3,460	-	3,460	COUNTY OF SAN DIEGO
Consultant Contracts	4,900	4,900	-	4,900	SAN-LO AERIAL SURVEYS
	1,550	1,550	-	1,550	AFFORDABLE DRAIN SERVICE INC
	1,947	1,947	-	1,947	CPM PARTNERS INC
	60,264	60,264	-	60,264	LEE & RO INC
	13,000	13,000	-	13,000	MICHAEL D KEAGY REAL ESTATE
	8,830	8,830	-	8,830	DARNELL & ASSOCIATES INC
	8,204	8,204	-	8,204	SOUTHERN CALIFORNIA SOIL
	525	525	-	525	MWH CONSTRUCTORS INC
Construction Contracts	17,933	17,933	-	17,933	LEE & RO INC
Service Contracts	672	672	-	672	UNION TRIBUNE PUBLISHING CO
<b>Total Design</b>	290,909	290,909	-	290,909	
<b>Construction</b>					
Labor	200,000	77,990	122,010	200,000	
Settlements	5,000	5,000	-	5,000	KIM-THOA THI HOANG
Other Agency Fees	248	248	-	248	COUNTY OF SAN DIEGO - DPW
Consultant Contracts	120,000	99,813	20,188	120,000	VALLEY CONSTRUCTION MANAGEMENT
	6,030	6,030	-	6,030	MTGL INC
	5,806	5,806	-	5,806	LEE & RO INC
	4,000	4,000	-	4,000	RBF CONSULTING
	2,685	2,685	-	2,685	DARNELL & ASSOCIATES INC
	2,000	2,000	-	2,000	ALTA LAND SURVEYING INC
	926	926	-	926	CPM PARTNERS INC
	157	157	-	157	SOUTHERN CALIFORNIA SOIL
Construction Contracts	1,438,537	707,587	730,950	1,438,537	GARCIA JUAREZ CONSTRUCTION INC
	(11,020)	(11,020)	-	(11,020)	Change Order No. 1
	2,979	2,979	-	2,979	CLARKSON LAB & SUPPLY INC
	76,507	37,241	39,265	76,507	COMMUNITY BANK
Service Contracts	522	522	-	522	FAVELA PRINTING INC
<b>Total Construction</b>	1,854,377	941,964	912,413	1,854,377	
<b>Grand Total</b>	<b>2,182,891</b>	<b>1,270,478</b>	<b>912,413</b>	<b>2,182,891</b>	



## ATTACHMENT B-2

<b>SUBJECT/PROJECT:</b>	Change Order No. 1 to the Contract with Garcia Juarez Construction Inc. for the Calavo Gardens Sewer Rehabilitation Project
S2019-001103	
S2020-001103	
S2022-001103	
S2026-001103	

Otay Water District					Date Updated: September 25, 2012
S2020 - Calavo Drive 8-inch Sewer Main Replacement					
<i>Budget</i>	<i>Committed</i>	<i>Expenditures</i>	<i>Outstanding Commitment &amp; Forecast</i>	<i>Projected Final Cost</i>	<i>Vendor/Comments</i>
<b>600,000</b>					
<b>Planning</b>					
Labor	2,185	5,352	(3,167)	2,185	
Consultant Contracts	2,185	2,185	-	2,185	LEE & RO INC
<b>Total Planning</b>	24,035	7,537	16,498	24,035	
<b>Design</b>					
Labor		24,152		24,152	
Other Agency Fees	3,460	3,460	-	3,460	COUNTY OF SAN DIEGO
Consultant Contracts	8,000	8,000	-	8,000	DARNELL & ASSOCIATES INC
	4,430	4,430	-	4,430	MTGL INC
	21,588	21,588	-	21,588	LEE & RO INC
Supplier Contracts	188	188	-	188	US BANK CORPORATE PAYMENT
Service Contracts	145	145	-	145	US BANK CORPORATE PAYMENT
<b>Total Design</b>	37,811	61,963	-	61,963	
<b>Construction</b>					
Labor	40,000	23,743	16,257	40,000	
Consultant Contracts	18,240	18,240	-	18,240	VALLEY CONSTRUCTION MANAGEMENT
	1,250	1,250	-	1,250	ALTA LAND SURVEYING INC
	400	400	-	400	LEE & RO INC
Construction Contracts	433,271	170,172	263,099	433,271	GARCIA JUAREZ CONSTRUCTION INC
	(11,020)	(11,020)	-	(11,020)	Change Order No. 1
	22,804	8,956	13,847	22,804	COMMUNITY BANK
	1,865	1,865	-	1,865	HELIX WATER DISTRICT
Service Contracts	967	967	-	967	MAYER REPROGRAPHICS INC
	735	735	-	735	AFFORDABLE DRAIN SERVICE INC
	1,505	1,505	-	1,505	HELIX WATER DISTRICT
	32	32	-	32	US BANK CORPORATE PAYMENT
	-	-	-	-	MAIL MANAGEMENT GROUP INC
<b>Total Construction</b>	510,049	216,846	293,203	510,049	
<b>Grand Total</b>	<b>571,895</b>	<b>286,346</b>	<b>309,701</b>	<b>596,047</b>	



## ATTACHMENT B-3

<b>SUBJECT/PROJECT:</b>	Change Order No. 1 to the Contract with Garcia Juarez Construction Inc. for the Calavo Gardens Sewer Rehabilitation Project
S2019-001103	
S2020-001103	
S2022-001103	
S2026-001103	

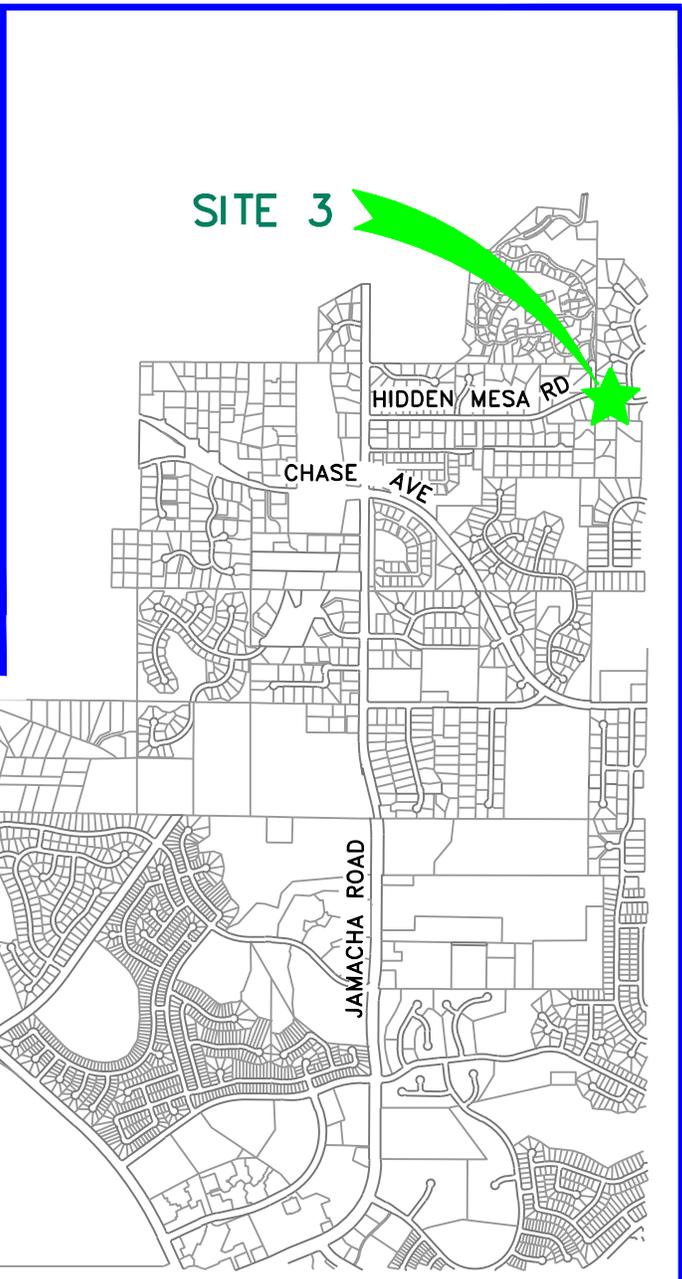
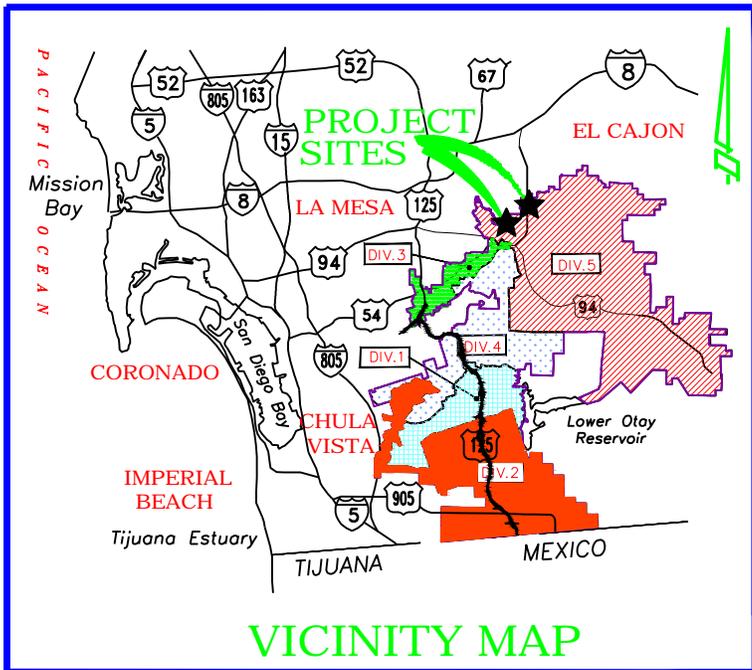
Otay Water District					Date Updated: September 25, 2012
S2022 - Hidden Mesa Drive 8-inch Sewer Main Rehabilitation					
<i>Budget</i>	<i>Committed</i>	<i>Expenditures</i>	<i>Outstanding Commitment &amp; Forecast</i>	<i>Projected Final Cost</i>	<i>Vendor/Comments</i>
<b>180,000</b>					
<b>Planning</b>					
Labor	1,321	1,321	-	1,321	
<b>Total Planning</b>	1,321	1,321	-	1,321	
<b>Design</b>					
Labor	22,630	22,630	-	22,630	
Other Agency Fees	3,460	3,460	-	3,460	COUNTY OF SAN DIEGO
Consultant Contracts	4,989	4,989	-	4,989	LEE & RO INC
	6,000	6,000	-	6,000	DARNELL & ASSOCIATES INC
<b>Total Design</b>	37,080	37,080	-	37,080	
<b>Construction</b>					
Labor	25,000	20,052	4,948	25,000	
Consultant Contracts	403	403	-	403	LEE & RO INC
	400	400	-	400	ALTA LAND SURVEYING INC
Construction Contracts	104,522	103,571	951	104,522	GARCIA JUAREZ CONSTRUCTION INC
	5,501	5,451	50	5,501	COMMUNITY BANK
Service Contracts	1,000	1,000	-	1,000	MAYER REPROGRAPHICS INC
	32	32	-	32	US BANK CORPORATE PAYMENT
<b>Total Construction</b>	136,858	130,909	5,949	136,858	
<b>Grand Total</b>	<b>175,259</b>	<b>169,310</b>	<b>5,949</b>	<b>175,259</b>	



## ATTACHMENT B-4

<b>SUBJECT/PROJECT:</b> S2019-001103 S2020-001103 S2022-001103 S2026-001103	Change Order No. 1 to the Contract with Garcia Juarez Construction Inc. for the Calavo Gardens Sewer Rehabilitation Project
-----------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------

Otay Water District					Date Updated: September 25, 2012
S2026 - Challenge Blvd 8-Inch Sewer Main Repl					
<i>Budget</i>	<i>Committed</i>	<i>Expenditures</i>	<i>Outstanding Commitment &amp; Forecast</i>	<i>Projected Final Cost</i>	<i>Vendor/Comments</i>
<b>280,000</b>					
<b>Planning</b>					
Labor	1,371	1,371	-	1,371	
<b>Total Planning</b>	1,371	1,371	-	1,371	
<b>Design</b>					
Labor	7,730	7,730	-	7,730	
Other Agency Fees	3,460	3,460	-	3,460	COUNTY OF SAN DIEGO
Consultant Contracts	9,581	9,581	-	9,581	LEE & RO INC
	4,800	4,800	-	4,800	DARNELL & ASSOCIATES INC
	4,000	4,000	-	4,000	MTGL INC
<b>Total Design</b>	29,571	29,571	-	29,571	
<b>Construction</b>					
Labor	21,952	21,952	-	21,952	
Consultant Contracts	270	270	-	270	ALTA LAND SURVEYING INC
Construction Contracts	209,044	198,592	10,452	209,044	GARCIA JUAREZ CONSTRUCTION INC
	11,002	10,452	550	11,002	COMMUNITY BANK
Service Contracts	1,000	1,000	-	1,000	MAYER REPROGRAPHICS INC
	32	32	-	32	US BANK CORPORATE PAYMENT
<b>Total Construction</b>	243,300	232,298	11,002	243,300	
<b>Grand Total</b>	<b>274,243</b>	<b>263,240</b>	<b>11,002</b>	<b>274,243</b>	



**SITES**

1. AVOCADO BOULEVARD 8-INCH SEWER MAIN REPLACEMENT
2. CALAVO DRIVE 8-INCH SEWER MAIN REPLACEMENT
3. HIDDEN MESA DRIVE 8-INCH SEWER MAIN REPLACEMENT
4. CHALLENGE BOULEVARD 8-INCH SEWER MAIN REPLACEMENT

P:\WORKING\CIP\_S2019\Staff Reports\Exhibit A.dwg



**OTAY WATER DISTRICT**  
 CALAVO GARDENS SEWER REHABILITATION  
 LOCATION MAP

CIP S2019  
 CIP S2020  
 CIP S2022  
 CIP S2026

**EXHIBIT A**

EXHIBIT B

**OTAY WATER DISTRICT**

2554 SWEETWATER SPRINGS BLVD., SPRING VALLEY, CA. 91978, (619) 670-2222

**CONTRACT/P.O. CHANGE ORDER No. 1**

**PROJECT/ITEM:** Avocado Boulevard, Calavo Drive, Louisa Drive, Hidden Mesa Drive Sanitary Sewer Replacement (Calavo Gardens Sewer Rehabilitation)

**CONTRACTOR/VENDOR:** Garcia Juarez Construction

**APPROVED BY:** REF. P.O. No: 715769 REF.CIP No.: S2019, S2020, S2022, S2026

**DATE:** 9/25/12

Board

**DESCRIPTION:**

There are eight (8) items as part of this change order resulting in a net decrease to the contract in the amount of <\$22,040.00>

- Item 1:** Open cut in lieu of Jack & Bore across Avocado Blvd. (Lines A&B)
- Item 2:** Delete Bid Item #5-Manhole Refurbishments
- Item 3:** Modify Manhole Replacements on Avocado Boulevard
- Item 4:** Time & Materials Settlement Through 7/31/12
- Item 5:** Revised 15" Alignment on Avocado Boulevard
- Item 6:** Relocate Street Light Conduit at Diversion Vault
- Item 7:** Additional Paving Various Areas
- Item 8:** Unknown Utilities

See attached Potential Change Order Requests 1 through 8 from Garcia Juarez Construction.

**REASON:**

**Item 1:** To minimize the construction time and impacts to the local residents for the crossing of Avocado Boulevard, the District proposed installation of the sewer mains (line A&B) across Avocado via open trench versus jack and bore as called out for in the plans. In addition to saving time, the contractor is providing a credit for the unused steel casing. This item results in a net credit of <\$20,000.00>

**Item 2:** Based on the type of work required for refurbishment, it was determined that the District will obtain better prices by grouping all of the manhole refurbishments throughout the District in a single contract. Therefore, all of the manhole refurbishments are deleted from this contract. Bid Item #5 is reduced by 17 manholes at \$5,000.00 each for a total \$85,000.00 credit. This item results in a net credit of <\$85,000.00>.

**Item No. 3:** During the construction of the sewer main on Avocado, it was determined that the condition of the existing manholes were not as degraded as previously thought and full replacement was not required. The only modifications required for these manholes was rechanneling of the base to accommodate the larger sewer main installed. This item results in a cost reduction of \$7,000 each for eight (8) manholes. This item results in a net credit of <\$56,000.00>.

**Item No. 4:** The contractor encountered several changed conditions that were documented through time and material tickets. These changed conditions were 1) Unmarked sewer laterals, 2) Unmarked concrete sewer line encasements, 3) Rock encountered in the existing alignment, 4) Concrete encasement instead of cradle, 5) Concrete encasement instead of soils, 6) Uncompacted soils and 7) Leaking storm drain. The contractor has agreed to a lump sum settlement for these items of \$125,000.00.

**Item No. 5:** The alignment of the 15" sewer main on Avocado between Sta. 9+97 and 11+36 was revised to connect directly to the vault. This new alignment eliminates a manhole. Bid item #7 is reduced by 1 manhole at \$10,000.00 each. This item results in a credit of <\$10,000.00>.

**Item No. 6:** It was determined after potholing that the existing street light conduit was in conflict with the diversion vault location and needed to be relocated. The contractor had to hire an electrical contractor to relocate this line per County Standards. This item results in a cost of \$7,500.00. The District will exercise Bid Item No. 20 – Misc. Electrical Relocations Allowance for \$7,500.00 and authorizes the contractor to bill against

EXHIBIT B

this item when work begins.

Item No. 7: Additional paving was required in several areas where the pipe did not follow the planned horizontal alignment and where the contract encountered uncompacted/caving soils which resulted in a wider trench beyond what is required by contract. A unit price of \$10/SF was agreed to for base paving and grind and cap. There were 1,596 square feet of additional paving. This item results in a cost of \$15,960.00.

Item No. 8: There were 20 utilities (i.e. electrical, gas, water, etc.) that were marked out by USA Dig Alert but now shown on the plans. The District agreed to unit price of \$1,500 each that includes potholing these utilities and any delays working around these utilities installing the new sewer main. This item results in a cost of \$30,000.00. The District will exercise Bid Item No. 15 – Unknown Utility Allowance for \$22,000 and authorizes the contractor to bill against this item when work begins, resulting in a net change for this item at \$8,000.00.

Summary: This change order reflects eight (8) items (four cost and four credit item) resulting a net decrease to the contract in the amount of <\$22,040.00>.

The costs included in this change order include all mobilization, demobilization, supervision, overhead, profit, tax, bonding, insurance, and additional costs for down time or lost opportunities.

CHANGE P.O. TO READ:

There are two (2) Purchase Orders for this contract. One for Garcia Juarez (PO#715769) and retention account for Community Bank (PO#715942). Revise the Purchase Orders as follows: PO#715769: Revise Contract to deduct \$20,938 for a total Contract amount of \$2,179,523.25 PO#715942: Revise Contract to deduct \$1,102 for a total Contract amount of \$114,711.75

ORIGINAL CONTRACT/P.O. AMOUNT:	\$	2,316,275.00
ADJUSTED AMOUNT FROM PREVIOUS CHANGE:	\$	0.00
TOTAL COST OF THIS CHANGE ORDER:	\$	<\$22,040.00>
NEW CONTRACT/P.O. AMOUNT IS:	\$	2,294,235.00
CONTRACT/P.O. TIME AFFECTED BY THIS CHANGE:		0 Days
ORIGINAL CONTRACT COMPLETION DATE:		5/20/13
REVISED CONTRACT COMPLETION DATE		5/20/13

IT IS UNDERSTOOD WITH THE FOLLOWING APPROVALS, THAT THE CONTRACTOR/VENDOR IS AUTHORIZED AND DIRECTED TO MAKE THE HEREIN DESCRIBED CHANGES. IT IS ALSO AGREED THAT THE TOTAL COST FOR THIS CHANGE ORDER CONSTITUTES FULL AND COMPLETE COMPENSATION FOR OBLIGATIONS REQUIRED BY THE CONTRACT/P.O. ALL OTHER PROVISIONS AND REQUIREMENTS OF THE CONTRACT/P.O. REMAIN IN FULL FORCE AND EFFECT.

CONTRACTOR/VENDOR:

SIGNATURE: [Signature]  
PRINTED NAME: Jim Jackson  
TITLE: PROCS DATE: 9/28/12  
ADDRESS: P.O. Box 309  
BREA 92822

STAFF APPROVALS:

PROJ. MGR. \_\_\_\_\_ DATE: \_\_\_\_\_  
DIV. MGR. \_\_\_\_\_ DATE: \_\_\_\_\_  
CHIEF: \_\_\_\_\_ DATE: \_\_\_\_\_  
ASST. GEN. MANAGER: \_\_\_\_\_ DATE: \_\_\_\_\_

DISTRICT APPROVAL:

GEN. MANAGER: \_\_\_\_\_ DATE: \_\_\_\_\_

COPIES:  FILE (Orig.)  CONTRACTOR/VENDOR  CHIEF-ENGR  CHIEF-FINANCE  AGM/ENG-OPS  
 ENGR. MGR.  INSPECTION  PROJ MGR  ENGR. SECRETARY  PURCHASING  ACCTS PAYABLE

## CHANGE ORDER LOG

**CIP Title - Calavo Gardens Sewer Rehabilitation**

Project: S2019/S2020/S2022/S2026

Consultant/Contractor: Garcia Juarez Construction

Subproject: 001103

		APPROVED			
C.O.	AMOUNT	BY	DATE	DESCRIPTION	TYPE C.O.
1	(\$22,040.00)	Board		Eight Items: Open Cut in lieu of jack & bore, delete MH refurbishment, modify MH replacements, T&M settlement, revised alignment, street light relocation, additional paving, and unknown utilities	Owner
2					
3					
4					
5					
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35					

Total C.O.'s To Date: (\$22,040.00) -1.0%

Original Contract Amount: \$2,316,275.00

Current Contract Amount: \$2,294,235.00

Month	Net C.O.\$	Limit	Authorization	Absolute C.O.\$	C.O. %
10/12	(\$22,040.00)	\$2,000	Insp		0.0%
		\$10,000	PM/Sr. Engr.		0.0%
		\$20,000	DivM		0.0%
		\$25,000	Chief		0.0%
		\$35,000	AGM		0.0%
		\$50,000	GM		0.0%
		>\$50000	Board	(\$22,040.00)	-1.0%