

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

**THURSDAY**  
**April 21, 2011**  
**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. AUTHORIZE THE INCREASE OF THE BUDGET FOR CIP P2502 FROM \$200,000 TO \$525,000; APPROVE THE ISSUANCE OF A PURCHASE ORDER TO SLOAN ELECTROMECHANICAL SERVICE & SALES IN THE AMOUNT OF \$246,885 FOR THE PURCHASE OF VARIABLE FREQUENCY DRIVES (VFDs); AND ISSUE A SEPARATE PURCHASE ORDER TO ONESOURCE DISTRIBUTORS IN THE AMOUNT OF \$134,252 FOR THE PURCHASE OF ACTIVE LINE CONDITIONERS FOR THE 803-1 AND 850-2 PUMP STATIONS (SILVERMAN) [5 minutes]
4. AWARD A PROFESSIONAL ENGINEERING SERVICES AGREEMENT TO V&A CONSULTING ENGINEERS, INC. FOR FISCAL YEARS 2011, 2012, AND 2013 (ENDING JUNE 30, 2013) FOR THE CATHODIC PROTECTION PROGRAM AND FOR AS-NEEDED SERVICES IN AN AMOUNT NOT-TO-EXCEED \$392,729 (KENNEDY) [5 minutes]
5. SAN DIEGO COUNTY WATER AUTHORITY UPDATE (WATTON) [10 minutes]
6. ADJOURNMENT

**BOARD MEMBERS ATTENDING:**

Jose Lopez, Chair  
Gary Croucher

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 April 15, 2011 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 April 15, 2011.

  
\_\_\_\_\_  
Susan Cruz, District Secretary



STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	May 4, 2011
SUBMITTED BY:	Gary Silverman <i>GS</i> Senior Civil Engineer	PROJECT/ SUBPROJECT:	P2502-001102 DIV. 5 P2503-001102 NO.
	Ron Ripperger <i>RR</i> Engineering Manager		
APPROVED BY: (Chief)	Rod Posada <i>RP</i> Chief, Engineering		
APPROVED BY: (Asst. GM):	Manny Magaña <i>MM</i> Assistant General Manager, Engineering and Operations		
SUBJECT:	Increase the Budget for CIP P2502 and Authorize the Purchase of Variable Frequency Drives and Active Line Conditioners for the 803-1 and 850-2 Pump Stations		

**GENERAL MANAGER'S RECOMMENDATION:**

That the Otay Water District (District) Board of Directors (Board),  
 1) Increases the budget for CIP P2502 from \$200,000 to \$525,000, and  
 2) Authorizes the General Manager to issue a purchase order to Sloan Electromechanical Service & Sales (Sloan) in the amount of \$246,885 for the purchase of Variable Frequency Drives (VFDs) and issue a separate purchase order to OneSource Distributors (OneSource) in the amount of \$134,252 for the purchase of Active Line Conditioners (ALCs) for the 803-1 and 850-2 Pump Stations (see Exhibit A for Project location).

**COMMITTEE ACTION:** \_\_\_\_\_

Please see Attachment A.

**PURPOSE:**

To obtain Board approval to increase the budget for CIP P2502 by \$325,000 and to obtain Board authorization for the General Manager to purchase VFDs from Sloan in the amount of \$246,885 and ALCs from

OneSource in the amount of \$134,252 for the 803-1 and 850-2 Pump Stations.

**ANALYSIS:**

The 803-1 and 850-2 Pump Stations are located adjacent to each other at the Regulatory Site. Both pump stations currently lift water from the 520 Reservoirs to their respective pressure zones. With the new 640-1 and 640-2 Reservoirs in place since 2008, and the completion of the 36-inch Jamacha Road pipeline in the fall of 2010, the District now has the opportunity for significant energy cost savings by modifying these stations to enable pumping from the 640-1 and 640-2 Reservoirs rather than the 520-2 and 520-3 Reservoirs.

To accomplish this change in pumping operation, it is necessary to replace the motor starters in the existing motor control centers (MCCs) with VFDs. This will allow the existing pumps to operate at a lower speed to match the reduced pumping head. It will also provide the operational flexibility to return to the higher pumping head configuration, if necessary.

The 120-foot decrease in pumping head will result in an estimated savings in energy usage of approximately \$85,000 per year. At this rate, the estimated project costs will be recovered within 12 years, well within the useful life of the two pump stations. In addition, because the Project reduces energy consumption, it qualifies under the SDG&E Energy Efficiency Business Incentive Program. Application has been made and the Project has been pre-approved by SDG&E for an incentive payment of approximately \$75,000, reducing the payback time by about one (1) year.

Quotations were solicited on February 17, 2011 from manufacturers to furnish a total of nine (9) VFDs (five (5) for the 803-1 Pump Station and four (4) for the 850-2 Pump Station) based on a design package prepared by Engineering Partners, Inc. (EPI), the District's as-needed electrical engineer. Quotations were solicited at the same time to purchase ALCs. District staff will install the VFDs and ALCs. Among other provisions, the specifications require that the VFDs fit entirely within the existing MCC enclosures.

In accordance with District Purchasing Procedures, two quotations were received on March 8, 2011 from manufacturers able to comply with the space constraint:

1. OneSource Distributors, representing Rockwell/Allen-Bradley VFDs.
2. Sloan Electromechanical Service & Sales, representing Mitsubishi VFDs.

The VFD quotations received are as follows:

Pump Station	OneSource	Sloan
803-1 PS (P2502)	\$128,470	\$141,919
850-2 PS (P2503)	\$88,664	\$104,966
<b>Total</b>	<b>\$217,134</b>	<b>\$246,885</b>

Although OneSource's quoted price is lower, further review of their equipment shows that the Rockwell/Allen-Bradley units are not compliant with an important VFD performance specification which was also confirmed with Rockwell. The smallest Rockwell/Allen-Bradley unit that meets the specification is too large to fit in the existing MCC enclosures. The Mitsubishi VFDs offered by Sloan comply with both the performance specification and the space constraint.

Quotations for ALCs were also received on March 8, 2011 from OneSource and Sloan. ALCs are used in association with VFDs to filter harmonic distortion in the power supply. Both suppliers quoted identical ALC equipment manufactured by Trans-Coil International, LLC (TCI). The quotations for this equipment are shown below:

Pump Station	OneSource 3/8/11	OneSource 4/7/11	Sloan 3/8/2011
803-1 PS (P2502)	\$103,557	\$67,126	\$126,745
850-2 PS (P2503)	\$62,737	\$67,126	\$76,865
<b>Total</b>	<b>\$166,294</b>	<b>\$134,252</b>	<b>\$203,610</b>

Even though both suppliers quoted the same TCI equipment, the price was significantly less in the OneSource quotation. In the course of investigating the reason for the difference in price, we learned that TCI has a long-standing relationship with OneSource, which explains their preferred pricing, and that the original TCI equipment offering was oversized for the District's needs. A revised quotation of TCI Active Line Conditioners was received from OneSource on April 7, 2011, as shown in the above table. The price is considerably less than the original March 8, 2011 quotation due to revised equipment sizing. Therefore, it is recommended that the ALC equipment be awarded to OneSource based on their April 7, 2011 quotation.

In addition to installing VFDs and ALCs, the Project will include two other modifications to the Pump Stations: 1) the existing motors will be remanufactured to be compatible with the new VFDs, and 2) air-conditioning systems will be installed in the two electrical rooms. Separate processes are being employed to competitively procure the

services of vendors for these pieces of work. The results of those selections will be brought to the Board for approval in the near future.

**FISCAL IMPACT:** \_\_\_\_\_

The budget for CIP P2502, as approved in the FY 2011 budget, is \$200,000. Total expenditures, plus outstanding commitments and forecast, including this contract, is \$504,937. See Attachment B-1 for budget detail.

The budget for CIP P2503, as approved in the FY 2011 budget, is \$650,000. Total expenditures, plus outstanding commitments and forecast, including this contract, is \$447,311. See Attachment B-2 for budget detail.

Based on a review of the financial budgets, the Project Manager has determined that the budget is sufficient to support the procurement of the subject electrical equipment for P2503, but not for P2502. It is requested that the budget for P2502 be increased by \$325,000, from \$200,000 to \$525,000, to fund the committed and forecasted expenditures for this Project.

Finance has determined that 100% of the funding is available from the Betterment Fund for both CIP P2502 and CIP P2503.

**STRATEGIC GOAL:**

This Project supports the District's Mission statement, "To provide the best quality of water and wastewater services to the customers of Otay Water District, in a professional, effective, and efficient manner." This Project fulfills the District's Strategic Goals No. 1 - Community and Governance, and No. 5 - Potable Water, by maintaining proactive and productive relationships with the Project stakeholders and by guaranteeing that the District will provide for current and future water needs.

**LEGAL IMPACT:** \_\_\_\_\_

None.

  
\_\_\_\_\_  
**General Manager**

F:\WORKING\CIP P2502 803-1 Pump Station Modifications\Staff Reports\BD-05-04-11, Staff Report, Authorize Purchase of VFDs and ALCs, (GS-RR).doc

GS/RR:jf

Attachments: Attachment A - Committee Action  
Attachment B-1 - Budget Detail for CIP P2502  
Attachment B-2 - Budget Detail for CIP P2503  
Exhibit A - Location Map



## ATTACHMENT A

<b>SUBJECT/PROJECT:</b> P2502-001102 P2503-001102	Increase the Budget for CIP P2502 and Authorize the Purchase of Variable Frequency Drives and Active Line Conditioners for the 803-1 and 850-2 Pump Stations
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### COMMITTEE ACTION:

The Engineering, Operations, and Water Resources Committee reviewed this item at a meeting held on April 21, 2011. 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-1

<b>SUBJECT/PROJECT:</b> P2502-001102 P2503-001102	Increase the Budget for CIP P2502 and Authorize the Purchase of Variable Frequency Drives and Active Line Conditioners for the 803-1 and 850-2 Pump Stations
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Otay Water District  
P2502 - 803-1 Pump Station Modifications

Date Updated: March 01, 2011

<i>Budget</i>	<i>Committed</i>	<i>Expenditures</i>	<i>Outstanding Commitment &amp; Forecast</i>	<i>Projected Final Cost</i>	<i>Vendor/Comments</i>
525,000					
<b>Planning</b>					
Labor	11,545	11,545	-	11,545	
Consultant Contracts	9,710	675	9,035	9,710	HVAC ENGINEERING INC
<b>Total Planning</b>	<b>21,255</b>	<b>12,220</b>	<b>9,035</b>	<b>21,255</b>	
<b>Design</b>					
Labor	30,712	15,712	15,000	30,712	
Consultant Contracts	175	175	-	175	MWH CONSTRUCTORS INC
	3,750	-	3,750	3,750	EPI
<b>Total Design</b>	<b>34,637</b>	<b>15,887</b>	<b>18,750</b>	<b>34,637</b>	
<b>Construction</b>					
Labor	80,000		80,000	80,000	
VFD Procurement	141,919		141,919	141,919	SLOAN
ALC Procurement	67,126		67,126	67,126	ONE SOURCE
Motor Refurbishment			110,000	110,000	
A/C Installation			50,000	50,000	
<b>Total Construction</b>	<b>289,045</b>	<b>-</b>	<b>449,045</b>	<b>449,045</b>	
<b>Grand Total</b>	<b>344,937</b>	<b>28,107</b>	<b>476,830</b>	<b>504,937</b>	



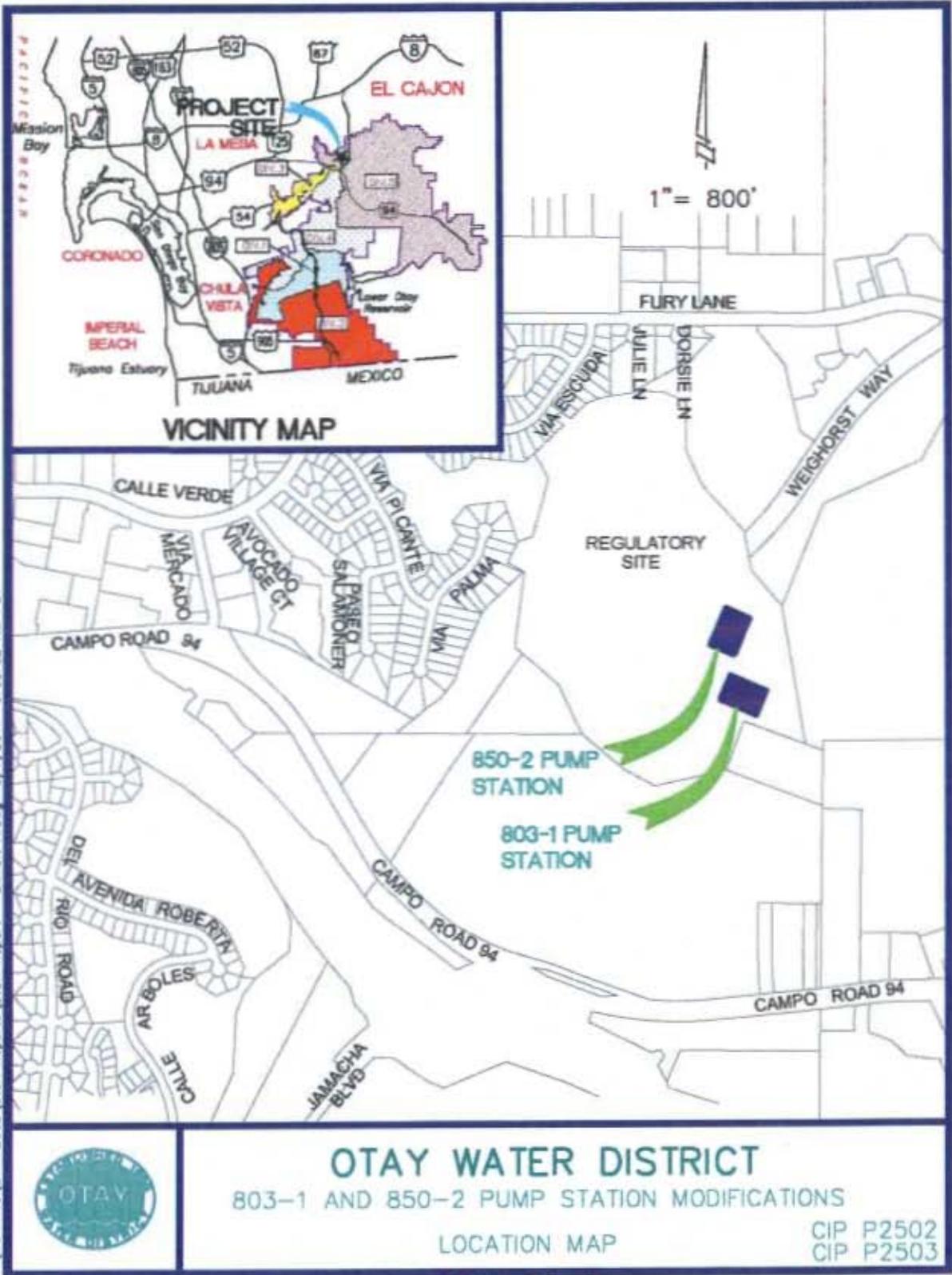
## ATTACHMENT B-2

<b>SUBJECT/PROJECT:</b> P2502-001102 P2503-001102	Increase the Budget for CIP P2502 and Authorize the Purchase of Variable Frequency Drives and Active Line Conditioners for the 803-1 and 850-2 Pump Stations
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Otay Water District  
P2503 - 850-2 Pump Station Modifications

Date Updated: March 01, 2011

<i>Budget</i>	<i>Committed</i>	<i>Expenditures</i>	<i>Outstanding Commitment &amp; Forecast</i>	<i>Projected Final Cost</i>	<i>Vendor/Comments</i>
650,000					
<b>Planning</b>					
Labor	18,930	18,930		18,930	
Consultant Contracts	9,710	1,000	8,710	9,710	HVAC ENGINEERING INC
<b>Total Planning</b>	<b>28,640</b>	<b>19,930</b>	<b>8,710</b>	<b>28,640</b>	
<b>Design</b>					
Labor	24,864	14,864	10,000	24,864	
Consultant Contracts	175	175	-	175	MWH CONSTRUCTORS INC
	3,750	-	3,750	3,750	EPI
Equipment Rental	2,790	2,790	-	2,790	ART'S TRENCH PLATE
<b>Total Design</b>	<b>31,579</b>	<b>17,829</b>	<b>13,750</b>	<b>31,579</b>	
<b>Construction</b>					
Labor	75,000	-	75,000	75,000	
VFD Procurement	104,966	-	104,966	104,966	SLOAN
ALC Procurement	67,126	-	67,126	67,126	ONE SOURCE
Motor Refurbishment	-	-	90,000	90,000	
A/C Installation	-	-	50,000	50,000	
<b>Total Construction</b>	<b>247,092</b>	<b>-</b>	<b>387,092</b>	<b>387,092</b>	
<b>Grand Total</b>	<b>307,311</b>	<b>37,759</b>	<b>409,552</b>	<b>447,311</b>	



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**EXHIBIT A**

# Quality Assurance Approval Sheet

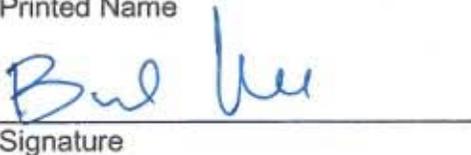
Subject: Increase the Budget for CIP P2502 and authorize the Purchase of VFDs and Active Line Conditioners for the 803-1 and 850-2 Pump Stations

Project Nos.: P2502-001102  
P2503-001102

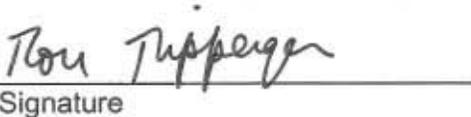
Document Description: Staff Report for May 4, 2011 Board Meeting

Author:  4/13/11  
Signature Date

Gary Silverman  
Printed Name

QA Reviewer:  4/13/11  
Signature Date

Bob Kennedy  
Printed Name

Manager:  4/13/11  
Signature Date

Ron Ripperger  
Printed Name

The above signatures attest that the attached document has been reviewed and to the best of their ability the signers verify that it meets the District quality standard by clearly and concisely conveying the intended information; being grammatically correct and free of formatting and typographical errors; accurately presenting calculated values and numerical references; and being internally consistent, legible and uniform in its presentation style.



STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	May 4, 2011		
SUBMITTED BY:	Bob Kennedy <i>BK</i> Associate Civil Engineer	PROJECT / SUBPROJECTS:	P1043- 007000	DIV. NO.	ALL
	Ron Ripperger <i>ur</i> Engineering Manager				
APPROVED BY: (Chief)	Rod Posada <i>R Posada</i> Chief, Engineering				
APPROVED BY: (Asst. GM):	Manny Magaña <i>m magaña</i> Assistant General Manager, Engineering and Operations				
SUBJECT:	Award of a Professional Engineering Services Contract for Fiscal Years 2011, 2012 and 2013 Cathodic Protection Program and for Cathodic Protection As-Needed Services				

GENERAL MANAGER'S RECOMMENDATION:

That the Otay Water District (District) Board of Directors (Board) authorizes the General Manager to execute a professional engineering services agreement with V&A Consulting Engineers, Inc. (V&A) for Fiscal Years 2011, 2012, and 2013 (ending June 30, 2013) Cathodic Protection Program and for As-Needed Services in an amount not-to-exceed \$392,729.

COMMITTEE ACTION: \_\_\_\_\_

Please see Attachment A.

PURPOSE:

That the Board authorizes the General Manager to enter into a professional engineering services agreement with V&A for the Cathodic Protection Program and As-Needed Services in an amount not-to-exceed \$392,729 for Fiscal Years 2011, 2012, and 2013.

ANALYSIS:

The District requires the services of an engineering consulting firm who specializes in corrosion control to provide a variety of professional services. The Cathodic Protection Program includes the selection of appropriate corrosion resistant

materials, the use of coatings and linings to prevent corrosion, and cathodic protection. The Cathodic Protection Program results in long-term benefits to the District by ensuring that all facilities are consistently designed, specified, constructed, and tested in accordance with the District's corrosion control standards. This continuing practice extends the useful life of the District's steel reservoirs and pipelines and reduces the potential for costly future failures.

The agreement with V&A will include a variety of tasks that will assist staff in effectively managing the Cathodic Protection Program. Their scope of services is as follows:

- Administration and updating of existing records and manuals.
- New facility design review.
- Conduct a corrosion protection survey of all District steel pipelines (approximately 83 pipelines totaling 300,000 L.F., 600 test stations, and 1,950 individual test reads).
- Corrosion control for 29 steel reservoirs.
- Training of District staff in inspection and monitoring of facilities.

The agreement with V&A will also include As-Needed Cathodic Protection services to provide the District with the ability to obtain consulting services in a timely and efficient manner and on an as-needed basis. The District will issue task orders to the consultant for specific projects during the contract period. The consultant will prepare a detailed Scope of Work, schedule, and cost 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 CIP projects that are estimated to require cathodic services for Fiscal Years 2011, 2012, and 2013, are listed below:

<b>CIP</b>	<b>DESCRIPTION</b>	<b>ESTIMATED COST</b>
P2318	PL - 20-inch 657 Zone Summit Cross-Tie and 36-inch Main Conversion	\$10,000
P2399	PL - 30-inch, 980 Reservoir to Hunte Parkway	\$10,000
P2502	803-1 Pump Station Modifications	\$10,000
P2503	850-2 Pump Station Modifications	\$10,000
P2508	Pipeline Cathodic Replacement Program	\$50,000
	<b>TOTAL:</b>	<b>\$90,000</b>

The District solicited corrosion services on the District's website and several other publications including the Union Tribune and San Diego Daily Transcript.

On January 14, 2011, the District issued a formal Request for Proposal (RFP) to five (5) consulting firms who specialize in corrosion control. The firms had previously submitted a letter of interest and a statement of qualifications. On February 14, 2011, three (3) proposals were received from the following firms:

- Corrpro Companies
- Shiff / HDR
- V&A

The two (2) firms that chose not to propose are R.F. Yeager Engineering and Farwest Corrosion Control Company.

In accordance with the District's Policy 21, staff evaluated and scored all written proposals. On March 9, 2011, staff interviewed all three firms. The overall evaluation summary sheet, including the oral interview portion, indicates how each firm was scored (see Attachment B). The fee evaluation was not disclosed to the panel members until after the panel submitted their oral interview scores. The high scores V&A received on the written and oral interview, combined with the low score received from the fee evaluation, resulted in the two point differential on the total overall score. V&A received the highest overall score based on their experience, proposed method to accomplish the work, and their ability to complete projects on schedule.

It is anticipated that V&A's scope of services will take two years to complete. V&A has worked successfully for the District in the past and is readily available to provide the services required.

**FISCAL IMPACT:**



This contract is for professional services based on the District's need and schedule, and expenditures will not be made until a task order is authorized by the District for the consultant's professional services on a specific project.

The Project Manager has incorporated additional required expenditures of \$218,000 into the planning of the 2012 CIP

budget. The remaining \$174,729 is incorporated into the planning of the 2012 and 2013 Operating Budgets.

The Project Manager anticipates that the Fiscal Year 2011 budget is sufficient to support the professional services planned for the remainder of the 2011 fiscal year. The Project Manager also anticipates that the 2012 and 2013 budgets, if approved, will be sufficient to support the future professional services required.

Finance has determined that, with approval of the future budgets, funding will be available from the General, Expansion, Betterment, and Replacement funds, as outlined in the individual CIP project budgets listed above.

**STRATEGIC GOAL:**

This project supports the District's Mission statement, "To provide the best quality of water and wastewater service to the customers of the Otay Water District, in a professional, effective and efficient manner," and the District's Strategic Goal, in planning for infrastructure and supply to meet current and future potable water demands.

**LEGAL IMPACT:** \_\_\_\_\_

None.

  
\_\_\_\_\_  
**General Manager**

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BK/RR/RP:jf

Attachments: Attachment A - Committee Actions  
Attachment B - Evaluation Summary



## ATTACHMENT A

<b>SUBJECT/PROJECT:</b> P1043-007000	Award of a Professional Engineering Services Contract for Fiscal Years 2011, 2012, and 2013 Cathodic Protection Program and for Cathodic Protection As-Needed Services
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### COMMITTEE ACTION:

The Engineering, Operations, and Water Resources Committee reviewed this item at a meeting held on April 21, 2011. The Committee supported Staff's recommendation.

### NOTES:

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.

**SUMMARY OF PROPOSAL RANKINGS**

**Cathodic Protection Program**

	WRITTEN								ORAL						TOTAL SCORE	REFERENCES
	Qualification of Staff	Understanding of Scope, Schedule and Resources	Soundness and Viability of Proposed Project Plan	INDIVIDUAL SUBTOTAL - WRITTEN	AVERAGE SUBTOTAL - WRITTEN	Proposed Rates*	Consultant's Commitment to CBE	AVERAGE TOTAL WRITTEN	Additional Creativity and Insight	Strength of Project Manager	Presentation, Communication Skills	Quality of Responses to Questions	INDIVIDUAL TOTAL - ORAL	AVERAGE TOTAL ORAL		
<b>BASIS POINTS</b>	<b>30</b>	<b>28</b>	<b>30</b>	<b>88</b>	<b>88</b>	<b>15</b>	<b>Y/N</b>	<b>100</b>	<b>15</b>	<b>15</b>	<b>10</b>	<b>10</b>	<b>50</b>	<b>50</b>	<b>100</b>	<b>Four Good/Excellent</b>
<b>Corpro</b>	Don Anderson	25	22	25	70				10	12	8	8	38	<b>33</b>	<b>108</b>	
	Red Pevado	15	18	18	51				10	10	8	8	36			
	Ren Pappinger	15	17	17	49	<b>60</b>	<b>15</b>	<b>Y</b>	<b>75</b>	10	10	8	38			
	David Charles	25	21	21	67				10	10	7	8	35			
	Donal Kay	21	18	21	60				7	7	8	8	30			
<b>Schiff / HDR</b>	Don Anderson	27	25	26	78				12	13	8	8	41	<b>41</b>	<b>120</b>	
	Red Pevado	25	20	25	70	<b>71</b>	<b>8</b>	<b>Y</b>	<b>79</b>	12	13	7	39			
	Ren Pappinger	25	22	23	70				13	13	8	8	42			
	David Charles	28	22	20	70				13	13	8	8	42			
	Donal Kay	24	22	24	70				12	11	8	8	39			
<b>V &amp; A Consulting Engineers, Inc.</b>	Don Anderson	27	24	26	77				14	15	10	10	49	<b>46</b>	<b>122</b>	<b>GOOD</b>
	Red Pevado	26	20	27	73	<b>75</b>	<b>1</b>	<b>Y</b>	<b>76</b>	14	15	9	48			
	Ren Pappinger	32	28	29	89				14	14	9	9	46			
	David Charles	26	23	27	76				14	14	8	8	44			
	Donal Kay	26	24	27	77				13	13	9	9	44			

\*Review Panel does not see or consider rates when scoring other categories. Rates are scored by the PM, who is not on Review Panel.

RATES SCORING CHART			
Consultant	Proposed Rates	Position	Score
Corpro	\$147,523	lowest	15
Schiff/HDR	\$265,140		8
V & A	\$302,726	highest	1

## Quality Assurance Approval Sheet

Subject: Award of a Professional Engineering  
Services Contract for Fiscal Years 2011,  
2012, and 2013 Cathodic Protection  
Program and for Cathodic Protection As-  
Needed Services

Project No.: P1043-007000

Document Description: Staff Report for the May 4, 2011 Board Meeting.

Author: Bob Kennedy 4/8/11  
Signature Date

Bob Kennedy  
Printed Name

QA Reviewer: Gary Silverman 4/8/11  
Signature Date

Gary Silverman  
Printed Name

Manager: Ron Ripperger 4/8/11  
Signature Date

Ron Ripperger  
Printed Name

The above signatures attest that the attached document has been reviewed and to the best of their ability the signers verify that it meets the District quality standard by clearly and concisely conveying the intended information; being grammatically correct and free of formatting and typographical errors; accurately presenting calculated values and numerical references; and being internally consistent, legible and uniform in its presentation style.