

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**  
**July 28, 2010**  
**4:00 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 PROFESSIONAL SERVICES CONTRACT TO MWH AMERICAS, INC. IN AN AMOUNT NOT-TO-EXCEED \$3,189,776 FOR THE NORTH DISTRICT AND SOUTH DISTRICT INTERCONNECTION SYSTEM PROJECT (KAY) [5 minutes]
4. SAN DIEGO COUNTY WATER AUTHORITY UPDATE (WATTON) [10 minutes]
5. 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 July 23, 2010 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 July 23, 2010.

  
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Susan Cruz, District Secretary

# AGENDA ITEM 3



## STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	August 4, 2010
SUBMITTED BY:	Daniel Kay <i>DK</i> Associate Engineer	PROJECT/ SUBPROJECT:	P2511-001102 DIV. NO. 3,4
	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:	Award of a Professional Engineering Services Contract for the North District and South District Interconnection System Project to MWH Americas, Inc.		

### GENERAL MANAGER'S RECOMMENDATION:

That the Otay Water District (District) Board of Directors (Board) awards a professional services contract to MWH Americas, Inc. (MWH) and to authorize the General Manager to execute an agreement with MWH for the North District and South District Interconnection System Project (see Exhibit A for the project location) in an amount not to exceed \$3,189,776.

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

Please see Attachment A.

### PURPOSE:

To obtain Board authorization for the General Manager to enter into a professional engineering services contract with MWH for the North District and South District Interconnection System Project in an amount not to exceed \$3,189,776.

## ANALYSIS:

The North District and South District Interconnection System Project (Project) consists of a transmission main and pumping station between the La Presa area of Spring Valley and the Eastlake area in the City of Chula Vista. The Project's primary objective is to provide the capability of conveying potable water from the North District to the South District (and vice versa) via a transmission main and a "Booster" pump station. The facilities will have the capacity to convey up to 10,000 gallons per minute and will possibly provide the capability to receive an alternative source of water via the Sweetwater Authority's system in the future.

Currently, the District does not have the infrastructure to convey potable water between the North District and the South District; they are separated by the supply from five connections to the San Diego County Water Authority's (CWA). The North District is supplied by Flow Control Facilities (FCF) No. 11 located on CWA's Pipeline 4 and with the completion of the 36-Inch Pipeline in Jamacha Road this fall, it will also be supplied by FCF No. 14 located in El Cajon. The South District is supplied by FCF No. 10, 12, & 13 which are all located along CWA's Pipeline 4. This Project will provide the capability to convey potable water to the North and South service areas during normal operations, during CWA shutdowns on Pipeline 4 or the FCFs, or during emergency conditions. It will improve the reliability to supply potable water from any FCF to any customer within the District. Combined with the current storage infrastructure, this Project will provide the necessary redundancy in the event of an emergency. In addition, this Project will replace the Proctor Valley Road Interconnection Pipelines and the 40 million gallon 624-4 Reservoir, all key projects in the District's Water Resource Master Plan. The replacement of these projects has the potential to save the District over \$10,000,000.

The District requires a consulting firm to provide professional engineering services, public outreach, surveying, and real estate appraisal services for the design of the Project.

In accordance with Board of Directors Policy No. 21, the District placed an advertisement in the San Diego Union Tribune, the San Diego Daily Transcript, and the District's website for Professional Engineering Services on Thursday April 15, 2010. The pre-proposal meeting for the project was held on May 6, 2010. Fifty-Five (55) people from various consulting groups, manufacturers, and vendors attended the meeting. Thirty-one (31) firms submitted a Letter of Interest and a Statement of Qualifications. The Request for Proposal

was sent to all thirty-one (31) firms resulting in five (5) proposals received by May 28, 2010 from the following firms:

1. Urban Logic Consultants
2. MWH
3. Lee & Ro Inc.
4. URS Corporation
5. Carollo Engineers

Fifteen (15) of the thirty-one (31) interested firms who did not propose were RBF, CDM, Algert Engineering, Jacobs Associates, Psomas, Malcom Pirnie, PBS&J, Harris & Associates, AECOM, Kennedy/Jenks, CH2M Hill, HDR, Kimley-Horn, Dudek, and O'Day Consultants. The remaining eleven (11) were sub-consultants.

Due to the critical nature of the project, the District elected to interview all five (5) consultants. The interview selection panel was comprised of six (6) staff members and one (1) outside member from the Sweetwater Authority (Hector Martinez). The interviews were conducted on June 14, 2010. After conducting the interviews, the panel completed the consultant ranking process and concluded that MWH was the most qualified consultant and provided the best overall value. A summary of the complete evaluation is shown in Exhibit B.

Fee negotiations with MWH concluded on June 30, 2010. The negotiations resulted in a reduction of their original fee by \$258,909. Staff recommends the award of a professional services contract to MWH for a not-to-exceed amount of \$3,189,776.

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

The total budget for CIP P2511, as approved in the FY 2011 budget, is \$37,300,000. Total expenditures, plus outstanding commitments and forecast, is \$3,189,776. See Attachment B for budget detail.

Based on a review of the financial budgets, the Project Manager has determined that the budget is sufficient to support the project.

The Finance Department has determined that 100% of the funding is available from the Expansion Fund.

**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, efficient, and sensitive 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

P:\WORKING\CIP P2511-North-South District Intertie\Staff Reports\Civil Consultant (MWH)\BD-08-04-10, Award Engineering Contract to MWHv3.doc

DK/RR:jf

- Attachments: Attachment A
- Attachment B
- Exhibit A
- Exhibit B

QA/QC Approved:

Name: BO WO

Date: 7/15/10



## ATTACHMENT A

<b>SUBJECT/PROJECT:</b> P2511-001102	Award of a Professional Engineering Services Contract for the North District and South District Interconnection System Project to MWH Americas, Inc.
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### COMMITTEE ACTION:

The Engineering, Operations, and Water Resources Committee reviewed this item at a meeting held on July 28, 2010. 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

<b>SUBJECT/PROJECT:</b> P2511-001102	Award of a Professional Engineering Services Contract for the North District and South District Interconnection System Project to MWH Americas, Inc.
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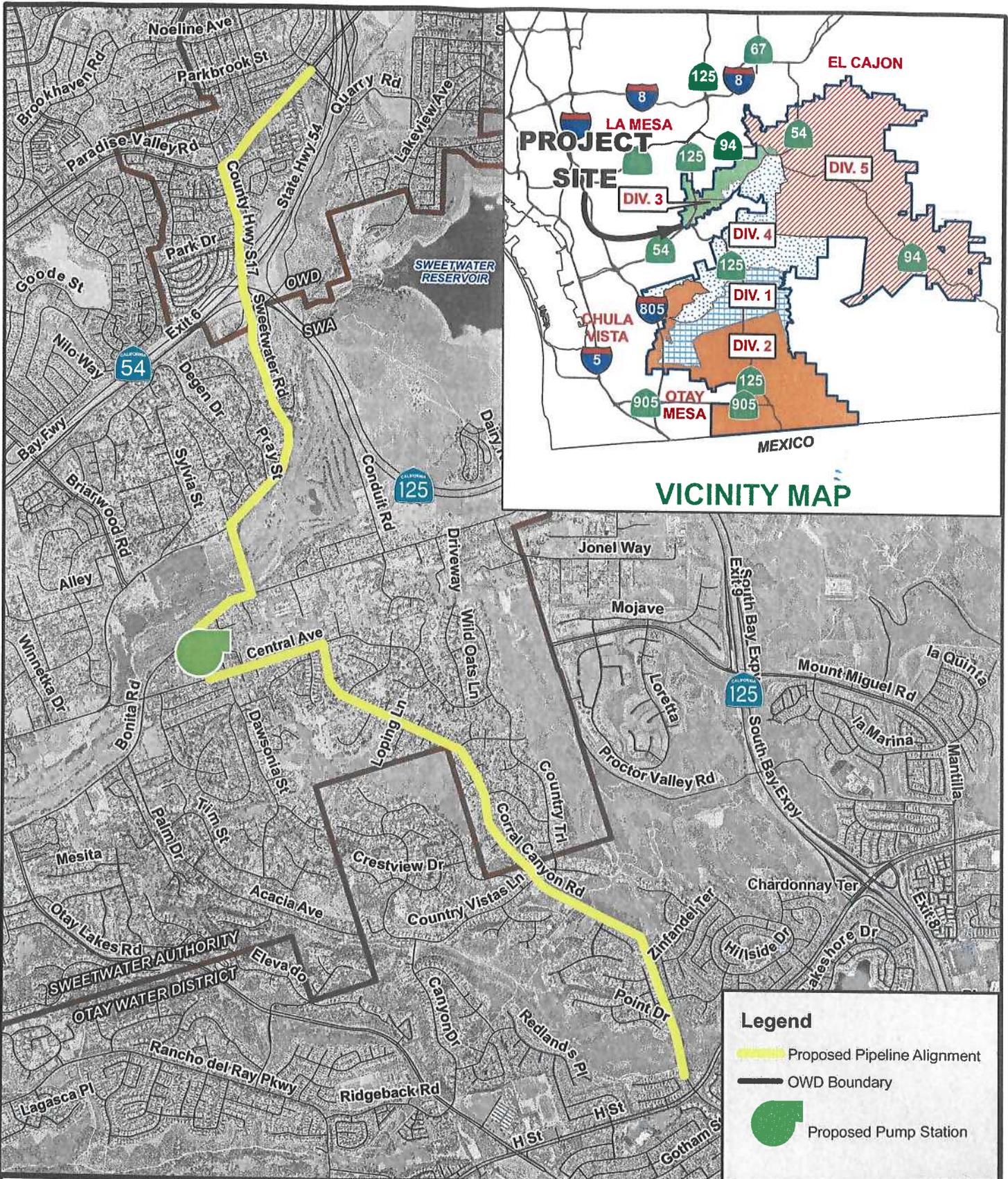
Otay Water District  
 P2511 - North District - South District Interconnection System

Date Updated: June 30, 2010

<i>Budget</i>	<i>Committed</i>	<i>Expenditures</i>	<i>Outstanding Commitment &amp; Forecast</i>	<i>Projected Final Cost</i>	<i>Vendor/Comments</i>
37,300,000					
<b>Planning</b>					
Labor		-		-	
Printing	-	-	-	-	
Professional Legal Fees	-	-	-	-	
Other Legal Expenses	-	-	-	-	
Regulatory Agency Fees	-	-	-	-	
Consultant Contracts	3,189,776	-	3,189,776	3,189,776	MWH
Service Contracts	-	-	-	-	
<b>Total Planning</b>	3,189,776	-	3,189,776	3,189,776	
<b>Design</b>					
Labor		-		-	
In House/Labor (future)		-		-	
Regulatory Agency Fees	-	-	-	-	
Other Agency Fees	-	-	-	-	
Consultant Contracts	-	-	-	-	
Service Contracts	-	-	-	-	
<b>Total Design</b>	-	-	-	-	
<b>Construction</b>					
Labor		-		-	
Regulatory Agency Fees	-	-	-	-	
Consultant Contracts	-	-	-	-	
Construction Contracts	-	-	-	-	
Service Contracts	-	-	-	-	
Accpt/close-out	-	-	-	-	
<b>Total Construction</b>	-	-	-	-	
<b>Grand Total</b>	3,189,776	-	3,189,776	3,189,776	

QA/QC Approved:

Name: Lisa Colman Boyd Date: 7-7-10



**VICINITY MAP**

**Legend**

-  Proposed Pipeline Alignment
-  OWD Boundary
-  Proposed Pump Station



**OTAY WATER DISTRICT**  
 NORTH / SOUTH DISTRICT INTERCONNECTION SYSTEM  
 PROPOSED PUMP STATION AND PIPELINE ALIGNMENT



CIP # P2511

**EXHIBIT A**

P:\WORKING\CIP P2511-North-South District Interconnect\Graphics\Exhibits-Figures\Exhibit A.mxd

## EXHIBIT B

### SUMMARY OF PROPOSAL RANKINGS BY PANEL MEMBERS

		← WRITTEN						ORAL* →								
SCORE		Qualifications of Staff	Understanding of scope, schedule, resources	Soundness and Viability of Proposed Project Plan	Proposed Fee	Consultant's commitment to DBE	SUBTOTAL	AVERAGE SUBTOTAL WRITTEN SCORE	Additional creativity, insight to issues	Strength of project manager	Presentation, communication skills	Quality of response to questions	SUBTOTAL	WRITTEN+ORAL TOTAL	AVERAGE TOTAL SCORE	References
		20	20	25	35	Y/N	100		15	15	10	10	50	150*		Poor/Good/Excellent
<b>Urban Logic</b>	Rod Posada	15	10	10	30	Y	65	67	7	10	7	5	29	94	93	
	Manny Magana	10	10	10	30		60		9	9	6	6	30	90		
	Lisa Coburn-Boyd	14	11	14	30		69		8	10	5	5	28	97		
	Jake Vaclavek	13	13	17	30		73		7	7	6	7	27	100		
	Jim Peasley	8	13	14	30		65		8	9	6	6	29	94		
	Hector Martinez	12	15	15	30		72		3	8	2	2	15	87		
	Daniel Kay	11	13	12	30		66		7	8	6	5	26	92		
<b>MWH</b>	Rod Posada	18	18	22	27	Y	85	88	13	15	9	8	45	130	133	Excellent
	Manny Magana	20	20	24	27		91		15	15	10	10	50	141		
	Lisa Coburn-Boyd	19	19	23	27		88		14	14	9	9	46	134		
	Jake Vaclavek	19	19	22	27		87		10	13	9	9	41	128		
	Jim Peasley	20	20	25	27		92		15	15	9	9	48	140		
	Hector Martinez	20	17	22	27		86		9	14	8	7	38	124		
	Daniel Kay	18	19	23	27		87		14	14	8	8	44	131		
<b>Lee &amp; Ro</b>	Rod Posada	20	20	24	29	Y	93	89	14	15	9	10	48	141	132	
	Manny Magana	18	18	23	29		88		14	13	9	9	45	133		
	Lisa Coburn-Boyd	18	18	23	29		88		14	14	9	8	45	133		
	Jake Vaclavek	17	19	24	29		89		15	14	9	9	47	136		
	Jim Peasley	16	17	20	29		82		10	10	8	7	35	117		
	Hector Martinez	20	20	23	29		92		9	14	8	7	38	130		
	Daniel Kay	19	19	24	29		91		14	14	8	9	45	136		
<b>URS</b>	Rod Posada	16	16	20	35	Y	87	88	13	14	9	8	44	131	129	
	Manny Magana	17	15	20	35		87		12	11	8	8	39	126		
	Lisa Coburn-Boyd	18	16	20	35		89		13	12	8	7	40	129		
	Jake Vaclavek	16	17	21	35		89		10	10	6	6	32	121		
	Jim Peasley	12	17	18	35		82		12	11	8	8	39	121		
	Hector Martinez	20	20	23	35		98		13	15	10	10	48	146		
	Daniel Kay	17	16	19	35		87		13	13	9	9	44	131		
<b>Carollo</b>	Rod Posada	17	18	22	19	Y	76	76	11	13	8	7	39	115	116	
	Manny Magana	17	17	22	19		75		12	12	8	8	40	115		
	Lisa Coburn-Boyd	19	19	23	19		80		13	13	8	8	42	122		
	Jake Vaclavek	16	17	22	19		74		10	10	7	7	34	108		
	Jim Peasley	18	18	23	19		78		14	13	8	7	42	120		
	Hector Martinez	20	16	20	19		75		10	14	8	8	40	115		
	Daniel Kay	17	18	22	19		76		12	12	7	8	39	115		

Consultant	Proposed Fee	% Above Lowest Fee	Score
URS	\$1,926,900	Lowest Fee	35
Urban Logic	\$2,770,812	41-50%	30
Lee & Ro	\$2,891,546	51-60%	29
MWH	\$3,448,685	71-80%	27
Carollo	\$4,899,203	121-130%	19

PM Signature: 

QC: 

Engineering Manager: 