Yucaipa Valley Water District

Director Memorandum 12-024

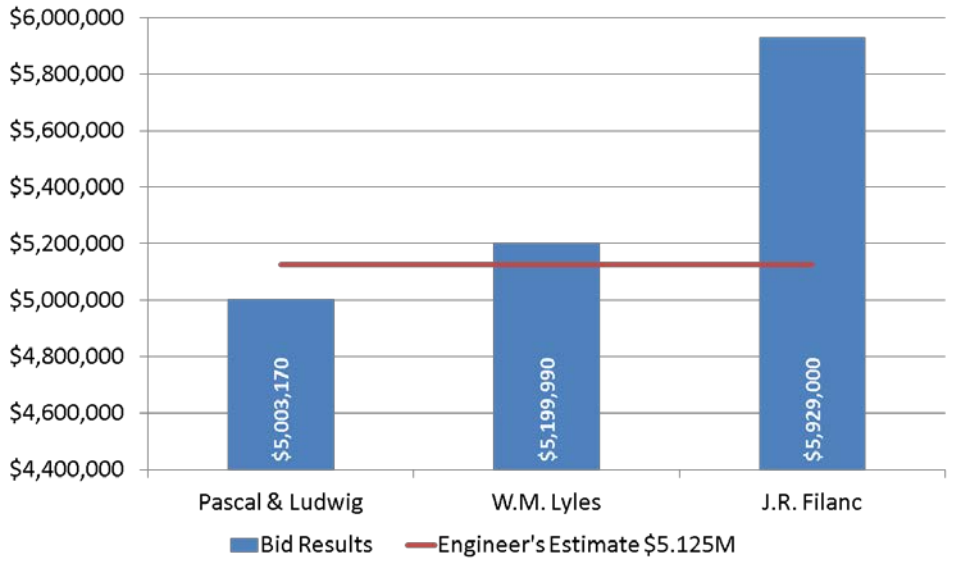
Date: March 7, 2012

Prepared By: Joseph Zoba, General Manager

Subject: Award of a Construction Contract for the Wochholz Improved Salinity Effluent (WISE) Project

Recommendation: That the Board of Directors authorizes the execution of a construction contract with Pascal & Ludwig for a sum not to exceed 5,003,170.

On Tuesday, February 28, 2012, the Yucaipa Valley Water District opened bids for the Wochholz Improved Salinity Effluent (WISE) Project to be constructed at the Wochholz Regional Water Recycling Facility. The preliminary bid results are shown below.



The District staff and representatives from SPI are in the process of reviewing the bid documents. However, at this time, the District staff expects to provide a recommendation to award a construction contract to Pascal & Ludwig for a sum not to exceed 5,003,170.

The Membrane Technology Consultants

Separation Processes, Inc.
3156 Lionshead Ave., Suite #2
Carlsbad, CA 92010
Tel: 760-400-3660
Fax: 760-400-3661
www.spi-engineering.com

March 1, 2012

Joseph B. Zoba
General Manager
Yucaipa Valley Water District
12770 Second Street
Yucaipa, CA 92399

Subject: Yucaipa Valley Water District
WISE Project – Construction Phase
Recommendation for Award of Contract

Dear Mr. Zoba:

On February 28, 2012, the Yucaipa Valley Water District received three Bids for the construction of the WISE Project. The Bidders and Bid Amounts as submitted are as follows:

General Contractor	Submitted Bid Amount	Revised Bid Amount
Pascal and Ludwig Constructors	$5,003,170	$5,003,170
W.M. Lyles, Co.	$5,199,990	$5,198,350
J. R. Filanc Construction Company, Inc.	$5,929,170	$5,929,170

Separation Processes, Inc. reviewed the information provided by the Bidders and our review suggests that all three General Contractors submitted conforming Bids. The revised low Bid amount is approximately 2 percent less than the Engineers estimate. A summary tabulation of information provided by the Bidders is attached for your reference. A math discrepancy was identified in the W.M. Lyles Bid. A discrepancy between figures and words was identified in the Pascal and Ludwig Bid. Revised amounts were calculated in accordance with the methodology stated in the Bid Documents with words taking precedence over numbers.

Based upon the above information, we recommend that the District proceed with the entering into an Agreement and Award of the WISE Contract to Pascal and Ludwig Constructors in the amount of $5,003,170.

Sincerely,

James C. Vickers, P.E.
Vice President

YUCAIPA VALLEY WATER DISTRICT
WOCHHOLZ REGIONAL WATER RECLAMATION FACILITY WISE PROJECT
Improved Salinity Effluent Project (WISE)
Bid Date: February 28, 2012 2:00 PM
BID TAB

CONTRACTOR SUBMITTED BY:	Filanc	Pascal and Ludwig	W.M. Lyles	
Item 1: Mobilization (less than 2 % Total Price)	$ 115,000	$ 90,000	$ 90,000	
Item 2: Demobilization (less than 2 % Total Price)	$ 5,000	$ 90,000	$ 20,000	
Item3: Division 0	$ 60,000	$ 65,000	$ 50,000	
Item 4: Division 1	$ 200,000	$ 5,000	$ 10,000	
Item 5: Division 2	$ 100,000	$ 41,000	$ 110,000	
Item 6: Lump Sum	$ 10,000	$ 1,000	$ 2,000	
Item 7: Division 3	$ 275,000	$ 177,000	$ 230,000	
Item 8: Division 5 through 12, except 11	$ 150,000	$ 190,000	$ 165,000	
Item 9: Finishes	$ 100,000	$ 62,453	$ 90,000	
Item 10: Division 11, except RO Membranes	$ 1,900,000	$ 1,359,146	$ 1,100,000	
Item 11: Section 11430 - RO Membranes				
Item 11a1	$ 187,000	$ **227,263*	$ 181,050	
Item 11a2	$ 367	$ 427	$ 390	
Item 11a3	$ 1,250	$ 1,474	$ 1,250	
Item 11b1	$ 217,000	$ 254,649	$ 210,120	
Item 11b2	$ 425	$ 479	$ 490	
Item 11b3	$ 1,910	$ 2,340	$ 1,910	
Item 11c1	$ 222,000	$ 260,769	$ 215,220	
Item 11c2	$ 435	$ 491	$ 500	
Item 11c3	$ 1,910	$ 2,340	$ 1,910	
Item 11d1	No Bid	No Bid	No Bid	
Item 11d2	No Bid	No Bid	No Bid	
Item 11d3	No Bid	No Bid	No Bid	
RO Membrane Cost Used in Bid	$ 187,000	$ 227,263	$ 181,050	
Item 12: Division 13				
Item 12: Q Versa Services	$ 70,300	$ 70,300	$ 70,300	
Item 12b: Remaining Division 13	$ 125,000	$ 597,000	$ 890,000	
Item 13: Division 15 Mechanical	$ 931,700	$ 933,288	$ 1,650,000	
Item 14: Division 16 Electrical	$ 1,450,000	$ 925,179	$ 380,000	
Item 15: Taxes (7.75%)	$ 250,000	$ 169,541	$ 160,000	
Total Contract Price	$ 5,929,000	$ 5,003,170	$ 5,199,990	
SPI Calculated Contract Price	$5,929,000	$5,003,170	$5,198,350	Math Check
Difference	$ -	$ -	$ 1,640	No effect on award.

* words used for bid tabulation.

YUCAIPA VALLEY WATER DISTRICT
WOCHHOLZ REGIONAL WATER RECLAMATION FACILITY WISE PROJECT
Improved Salinity Effluent Project (WISE)
Bid Date: February 28, 2012 2:00 PM

List of Subcontractors

	Filanc	Pascal & Ludwig	W.M. Lyles
Electrical	Davis	Davis	Davis
Building	Midstates Construction		
Coatings	National	National	National
Rebar	DD Reinforcing	Amber Steel	Amber Steel
Roofing			CWC

YUCAIPA VALLEY WATER DISTRICT
WOCHHOLZ REGIONAL WATER RECLAMATION FACILITY WISE PROJECT
Improved Salinity Effluent Project (WISE)
Bid Date: February 28, 2012 2:00 PM

List of Equipment Suppliers Manufacturer/Supplier

	Filanc	Pascal and Ludwig	W.M. Lyles
Section 11067 Chemical Metering Pumps (Solenoid)	Grundfos	Grundfos	Grundfos
Section 11068 Chemical Metering Pumps	Pulsafeeder	Pulsafeeder	Grundfos
Section 11211 Horizontal End Suction Pumps	Flowserve	Flowserve	Griswold
Section 11213 Vertical Turbine Pump	Flowserve	Flowserve	Flowserve
Section 11230 Turbo Booster Pump	Fedco	Fedco	Fedco
Section 11247 Sulfuric Acid Tank	Steel Structures	Steel Structures	Steel Structures
Section 11249 FRP Tank	Pacific Tank	Pacific Tank	Pacific Tank
Section 11401 Reverse Osmosis Membrane System	Doosan	H2O Innovations	Doosan
Section 11403 Cartridge Filter	Parker	Parker	Parker Hannifin
Section 16260 Enclosed Low Voltage VFD	Cutler Hammer	Cutler Hammer	Cutler Hammer