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Meeting Date: August 22, 2012  
Staff Contact: Tom Ortiz, SAC Administrator

**TITLE: C-12-14 - Selection Advisory Committee Recommendation of Award Southside Water Reclamation Plant Solids Dewatering Facility Replacement - Project No. 4781.60**

**ACTION: Recommend Approval**

**SUMMARY:**

The Selection Advisory Committee met on August 3, 2012 to consider the following project:

Southside Water Reclamation Plant Solids Dewatering Facility Replacement – Project No. 4781.60.

**PROJECT DESCRIPTION:**

A new solids dewatering facility (SDF) is required at the Southside Water Reclamation Plant (SWRP). The SWRP has a nominal capacity of 76 mgd and uses anaerobic digestion to stabilize the sludge. Dewatering is performed using centrifuges. The existing SDF, does not provide reliable service, requires large amounts of annual maintenance, is at the end of its useful life, and needs to be replaced with a new, modern facility. The Engineer will conduct a preliminary design, prepare a Design Analysis Report (DAR), prepare a detailed design including construction bid documents, and provide engineering services during construction. Additional work may be authorized.

**FISCAL IMPACT:**

Estimated construction cost is \$10,000,000 to \$15,000,000 per year which includes permitting, design, & construction. Funding will be provided through the Water Authority's Capital Implementation Program. The project study, design, and construction phases should be completed in a three year time frame.

**PROJECT JUSTIFICATION:**

The existing SDF creates workplace hazards for Water Authority employees, does not provide reliable service, requires large amounts of annual maintenance, is at the end of its useful life, and needs to be replaced with a new, modern facility. The new SDF will provide a safer facility reducing risk of personal injury to Water Authority staff. It will

also provide a more reliable facility reducing the risk of National Pollutant Discharge Elimination System (NPDES) permit violations. The new SDF will also have improved odor control systems to reduce the risk of malodorous complaints from the residents living adjacent to the Southside Water Reclamation Plant.

**RECOMMENDATION:**

Based on the scoring of proposals the Selection Advisory Committee recommends Carollo Engineering for this project. I concur with this recommendation. In accordance with the Selection Advisory Committee Ordinance, Section 6-1-1 et seq., the following in rank order is the consultant selection recommendation concerning the procurement of professional services for the above-referenced project:

1. Carollo Engineering
2. MWH
3. AECOM
4. Smith Engineering
5. Molzen Corbin

The Committee's score sheet compilation and Minutes of the Meeting are attached. This recommendation is being forwarded for Board consideration and approval.

Approved:



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Mark S. Sanchez, Executive Director

Date: 8/17/12



Minutes of the Meeting of the  
Water Utility Authority Selection Advisory Committee

August 3, 2012

Southside Water Reclamation Plant Solids Dewatering Facility Replacement  
Project No: **4781.60**

Present:

Larry Blair  
John Stomp  
Dave Price  
Mike Wimberly  
Anthony Montoya

Staff:

Tom Ortiz, SAC Administrator & Chairman, Selection Advisory Committee  
Miriam Montoya, Administrative Assistant, Selection Advisory Committee Staff Support  
Lorraine Nunez, Contract Administrator

The SAC meeting was held on August 3, 2012. Five (5) proposals were received in response to the Notice of Request for Proposals.

**PROJECT DESCRIPTION:**

**Southside Water Reclamation Plant Solids Dewatering Facility Replacement- Project No. 4781.60**

A new solids dewatering facility (SDR) is required at the Southside Water Reclamation Plant (SWRP). The SWRP has a nominal capacity of 76 mgd and uses anaerobic digestion to stabilize the sludge. Dewatering is performed using centrifuges. The existing SDR, does not provide reliable service, requires large amounts of annual maintenance, is at the end of its useful life, and needs to be replaced with a new, modern facility. The Engineer will conduct a preliminary design, prepare a Design Analysis Report (DAR), prepare a detailed design including construction bid documents, and provide engineering services during construction. Additional work may be authorized.

**Estimated Design Cost:**

Project No: 4781.60     \$10,000,000 to \$15,000,000 per year for three years

WUA Project Manager: Mike Wimberly, P.E., Senior Engineer

WUA Division: Water Resources, Engineering and Planning

The Chairman called the meeting to order at 9:00 A.M. to review responses to the Request for Proposals. He reminded the Committee members of the section of the Rules and Regulations regarding lobbying to

ascertain if anyone had been lobbied to support submittals on this project. The Committee members did not make a motion.

The Chairman asked Mike Wimberly, Project Manager if they wished to provide any additional information pertinent to the project, he had no additional information to provide.

The Chairman asked each Committee member to comment on the proposals, but to withhold giving their scores for each proposal until all discussions have ended.

John Stomp mentioned that the differences in his scores reflected the project manager's and the project team's experience related to this type of work and the technical approach in terms of understanding the needs of the Water Authority for this particular project. Mike Wimberly and Dave Price agreed with Dave mentioning that he thought that four of the five proposals were quite good.

Each Committee member provided their scoring. The Committee was advised of the scores and of the ranking according to these scores.

The Chairman asked the Committee Members if anyone wished to conduct interviews. The Committee declined.

In accordance with the Rules and Regulations, the following firms are the Committee's recommendation to the Water Authority Board of Directors as ranked by the final scores.

1. Carollo Engineering
2. MWH
3. AECOM
4. Smith Engineering Co.
5. Molzen Corbin

There being no further business before the Committee, the Chairman adjourned the meeting at 9:18 A.M.

  
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Tom Ortiz, SAC Administration & Chairman  
WUA Selection Advisory Committee

## Composite Selection Advisory Committee Evaluation Form

**PROJECT # 4781.60 Southside Water Reclamation Plant Solids Dewatering Facility Replacement**

**DATE:  
8-3-12**

Evaluator	Maximum Points	Firm Name	Firm Name	Firm Name	Firm Name	Firm Name
		AECOM	Carollo Engineering	Molzen Corbin	MWH	Smith Engineering
<b>BLAIR</b>	100	77	84	74	81	79
<b>PRICE</b>	100	61	78	54	67	66
<b>STOMP</b>	100	78	91	72	85	70
<b>MONTOYA</b>	100	59	56	44	63	57
<b>WIMBERLY</b>	100	88	93	78	85	86
Total Possible Points	500					
Total Points (Before Point Deductions)		<b>363</b>	<b>402</b>	<b>322</b>	<b>381</b>	<b>358</b>
Minus High and Low Scores Total		-147	-149	-122	-148	-143
Total Points (Minus High and Low Scores)		<b>216</b>	<b>253</b>	<b>200</b>	<b>233</b>	<b>215</b>
Resident Business Preference		<b>15</b>		<b>15</b>		<b>6</b>
Sub-Total (After Res Bus Pref Applied)		<b>231</b>	<b>253</b>	<b>215</b>	<b>233</b>	<b>221</b>
Minus Point Deductions (If Applicable)						
Sub-Total (All Applicable Deductions Applied)		<b>231</b>	<b>253</b>	<b>215</b>	<b>233</b>	<b>221</b>
Plus Tie Breaker Points (If Applicable)		0	0	0	0	0
<b>SAC TOTAL SCORES</b>		<b>231</b>	<b>253</b>	<b>215</b>	<b>233</b>	<b>221</b>

<b>RANK</b>	<b>3</b>	<b>1</b>	<b>5</b>	<b>2</b>	<b>4</b>
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<b>High</b>	88	93	78	85	86
<b>Low</b>	59	56	44	63	57

<b>Breakers1</b>	0	0	0	0	0
<b>Breakers2</b>	0	0	0	0	0
<b>Total Breakers</b>	0	0	0	0	0