

# Staff Report

for the Board of Directors Meeting of July 13, 2016

**TO:** Board of Directors

**FROM:** Gary King, Engineering Manager

**DATE:** July 6, 2016

**SUBJECT:** Lake Wildwood Water Treatment Plant Engineering Study

---

---

**ENGINEERING**

**RECOMMENDATION:**

Award contract to HDR Engineering in the amount of \$116,300 and approve associated budget amendment for a capacity study and alternatives analysis; authorize the General Manager to execute the necessary documents.

**BACKGROUND:**

Currently, the LWWWTP is reaching near capacity during peak demand days requiring the District to move forward with a capacity study to evaluate alternatives for additional capacity. The first part of this project is to evaluate current capacity needs and establish when additional capacity will be needed for the facility. The second part of this study will evaluate options to increase capacity. These options will consider ways to expand the existing plant and / or a potential pipeline from the E. George system to provide water for capacity needs.

The Request for Proposals was sent out to twelve consultants. On April 22, 2016, Staff received four proposals. A team of four Staff members reviewed the proposals, and the ranking and scoring are attached to this Staff Report.

Staff recommends awarding the contract for this work to HDR Engineering based on the quality of the proposal, costs and experience.

**BUDGETARY IMPACT:**

The 2016 budget for this study is \$100,000. The attached budget amendment transfers an additional \$20,000 from Minor System Improvements leaving a balance of \$280,000. This study is expected to be completed by the end of 2016.

GDK

Proposal Evaluation Summary Sheet

Column Number	1	2	3	4	6	7	8	9
	Reviewer 1 Ranking A-C	Reviewer 2 Ranking A-C	Reviewer 3 Ranking A-C	Reviewer 4 Ranking A-C	Average of Ranking	Cost Rank (1-5)*	Weighted rank per cost	Final Rank
Black & Veatch	6.2	5.0	5.5	5.3	5.5	1	0.6	4
Colman Engineering	6.4	4.0	4.4	4.6	4.9	5	3.0	2
HDR Engineering	6.8	4.3	5.9	5.1	5.5	4.6	2.7	1
Keller Associates	6.8	3.7	5.0	4.4	5.0	4.7	2.8	3

\* Costs will be disclosed and reviewed after the proposals are ranked and reviewed in a discussion meeting. Costs will be Ranked 1-5 with 5 being the lowest (or best) cost to follow the format of the A-C evaluation although there are 4 proposers. The cost will then be weighted 30% and added to the average rankings of

	Black and Veatch	Coleman Engineering	HDR Engineering	Keller Associates
Gary K.	6.2	6.4	6.8	6.8
Nathan W.	5	4	4.3	3.7
Chip C.	5.5	4.4	5.9	5
Fred W.	5.3	4.6	5.1	4.4
<b>Average of Weighting A-C</b>	<b>5.5</b>	<b>4.9</b>	<b>5.5</b>	<b>5.0</b>
Cost	255,700	99,446	116,300	111,593
Cost Rank	1	5	4.6	4.7
<b>Weighted Rank per Cost, weighted 30% of proposal</b>	<b>0.6</b>	<b>3.0</b>	<b>2.7</b>	<b>2.8</b>
<b>Total</b>	<b>6.1</b>	<b>7.9</b>	<b>8.3</b>	<b>7.8</b>
<b>Final Rank</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>3</b>

NEVADA IRRIGATION DISTRICT
<b>BUDGET AMENDMENT REQUEST</b>

DATE : 15-Jun-16  
 TO : Remleh Scherzinger  
 FROM: Gary King, Chief Engineer Initials: \_\_\_\_\_

A budget amendment is hereby requested for the following items:

1) Budgeted capital expenditure line item:

	<u>Dept</u>	<u>Acct #</u>	<u>Account Name</u>	<u>Increase/(Decrease)</u>
a)	10151		Minor System Improvements	\$ (20,000.00)

2) Unbudgeted capital expenditure line item:

	<u>Department</u>	<u>Account #</u>	<u>Account Name</u>	<u>Increase/(Decrease)</u>
a)	10151	6996	LWW WTP Expansion	<u>\$ 20,000.00</u>

**APPROVALS:**

	<u>Date</u>	<u>Signature</u>	<u>AGM/FM Initials</u>	<u>Approved/Denied</u>
Level I	_____			
Level II	_____			
Level III	_____			