

Kennedy/Jenks Consultants
Engineers & Scientists

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28 September 2011

Robert Lee, P.E.
Senior Civil Engineer
Public Works/Sanitary Engineering
City of Reno
1 East First Street
Reno, NV 89501

Subject: Proposal for Engineering Services
TMWRF Alternative Waste Activated Sludge Management Strategy

Dear Mr. Lee:

Pursuant to our discussions and your request, we are pleased to provide this proposal for provision of engineering services for the subject project. This project represents a unique opportunity to evaluate the advantages of new biosolids dewatering technologies for significantly reducing the nutrient loading on TMWRF, which has some of most stringent permit limits for nitrogen and phosphorus in the Western US. Kennedy/Jenks Consultants is looking forward to combining the efforts of our team with those of your staff to successfully execute this project to the benefit of the Cities of Reno and Sparks.

This proposal is organized into a SCOPE OF WORK, PROPOSED BUDGET, and SCHEDULE.

SCOPE OF WORK

The scope of work includes twelve tasks. The description of those tasks, as well as the approach to the project, are included in Attachment A.

PROPOSED BUDGET

Kennedy/Jenks proposes to perform this work on a cost-reimbursable basis in accordance with the Schedule of Charges that is enclosed as Attachment B. The proposed total fee is \$148,230, which will not be exceeded without prior authorization. Following is an anticipated breakdown of the fee by Task.

Task 1 - ID quant & qual of TMWRF WAS	\$ 4,180
Task 2 - Project. future WAS production	\$ 5,055
Task 3 – TMWRF ops. N & P mass balance	\$20,095

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Task 4 - WAS facility condition assessment	\$10,140
Task 5- Nutrient recycling from dewater ops	\$14,325
Task 6 - Comparison of dewatering tech	\$13,680
Task 7 - Comparison of operational costs	\$14,935
Task 8 - Impact of WAS strategy on Digester gas prod	\$9,645
Task 9 - Assessment of odor potential for WAS	\$5,430
Task 10 - Regulatory implications of WAS strategy	\$5,995
Task 11 - Summary report on analyses & findings	\$25,470
Task 12 - Project Management	\$19,280
Total	\$148,230

SCHEDULE

We have prepared a proposed project schedule which is enclosed as Attachment C.

Kennedy/Jenks appreciates this opportunity to perform this work for Reno and Sparks. Please contact me at 650-852-2833, if you have any questions.

Very truly yours,

KENNEDY/JENKS CONSULTANTS



Michael Joyce
Principal

Enclosures

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