

ENGINEERING BOARD OF DIRECTORS' MEETING
 AGENDA
 MOULTON NIGUEL WATER DISTRICT
 27500 La Paz Road, Laguna Niguel
 December 15, 2009
 9:00 A.M. (PST)
Approximate Meeting Time: 2 Hours

1. Call Meeting to Order
2. Approve the Minutes of the November 17, 2009 Board of Directors' Meeting
3. Public Comments
4. 2010 Recycled Water Master Plan Update

Requests for proposals were sent to five engineering firms to prepare an update to the District's recycled water hydraulic model and system master plan. Staff is proposing to update the recycled water master plan as a result of the increased efforts to add more recycled water customers and infrastructure to the current system, and in light of the regional recycled water planning alternatives currently under consideration. Three proposals were received and opened on December 3, 2009:

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|---|------------------|
| Tetra Tech, Inc. | \$ 69,200 |
| HDR Engineering | \$ 78,400 |
| RMC Water & Environment | \$ 149,900 |
| Engineer (District Staff) | \$ 80,000 |
| Current Fiscal Year 2009-2010 Budget | \$ 0 |

This project will be financed with Fund 7 – Replacement and Refurbishment Fund. The staff is in the process of seeking a SWRCB Recycled Water Planning grant to finance 50% of this effort up to a maximum grant limit of \$75,000. This proposal and resolution authorizing the application for a recycled water planning grant will be presented to the Board of Directors for consideration on Thursday, December 17, 2009, along with a request to approve a total project budget of \$75,000.

5. Poseidon Huntington Beach Desalination Project: First Amendment to the Memorandum of Understanding (MOU)

Staff will summarize a proposed First Amendment to the Memorandum of Understanding, dated May 22, 2009. The First Amendment to the Memorandum of Understanding will be presented to the Board of Directors for consideration on Thursday, December 17, 2009.

6. Baker Water Treatment Plant (WTP) Pipeline Capacity Memorandum of Understanding (MOU), Contract 2006.071

Staff will be presenting to the Board of Directors, the revised Memorandum of Understanding (MOU) for the purchase of Baker Pipeline capacity as part of the Baker Water Treatment Plant (WTP) for consideration on Thursday, December 17, 2009. The MOU reflects the increase in pipeline capacity to allow for the increase Baker WTP capacity from 34.5 cfs to 43.5 cfs as approved in the project agreement in November, and increases the District's Baker Pipeline capacity purchase from 10 cfs to 13 cfs. Staff will be requesting the Board of Directors to authorize the General Manager to enter into a MOU for the purchase and transfer of capacity in the Baker Pipeline subject to non-substantive changes approved by the General Manager.

7. Informational Items

A. Ongoing Projects' Status

- i. Monthly Construction Progress Report
- ii. Budget vs. Cost-to-Date
- iii. Cell Site Antenna Radio Frequency Testing

B. Future Projects' Status

- i. Water Supply Reliability Projects' Status
 - a. South Orange Coastal Ocean Desalination Project Phase 3 Pilot Test
 - b. Poseidon Huntington Beach Desalination Project – Distribution System Presentation
- ii. South Orange County Wastewater Authority (SOCWA) Advanced Water Treatment (AWT) Project Status

8. Operations Report

Diemer Filtration Plant 7-Day Shutdown in January 2010

MET is planning a 7-day shutdown of its Diemer Filtration Plant to facilitate the construction of ozonation facilities at the Plant. The 7-day shutdown is planned to start on January 25, 2010. A presentation will be given on the shutdown and the District's preparations.

9. Late Items (Appropriate Findings to be Made)

- a. Need to take immediate action; and
- b. Need for action came to District's attention after Agenda Posting
[Requires 2/3 vote (5 members) or unanimous vote if less than 2/3 are present]

10. Adjournment

The Board of Directors' Meeting Room is wheelchair accessible. If you require any special disability related accommodations (i.e., access to an amplified sound system, etc.), please contact the Moulton Niguel Water District Secretary's office at (949) 643-2006 at least seventy-two (72) hours prior to the scheduled meeting. This agenda can be obtained in alternate format upon written request to the Moulton Niguel Water District Secretary seventy-two hours prior to the scheduled meeting.

Agenda exhibits and other writings that are disclosable public records distributed to all, or a majority of, the members of the Moulton Niguel Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board of Directors are available for public inspection at the District Office, 27500 La Paz Road, Laguna Niguel, CA ("District Office"). If such writings are distributed to members of the Board less than 72 hours prior to the meeting, they will be available in the reception area of the District Office at the same time as they are distributed, except that, if such writings are distributed immediately prior to, or during, the meeting, they will be available in the Board meeting room.