MONTE VISTA WATER DISTRICT
10575 Central Avenue, Montclair, California • (909) 624-0035

NOTICE AND AGENDA OF ENGINEERING COMMITTEE MEETING

TUESDAY, JANUARY 14, 2020 • 4:30 P.M.

Committee Members
Tony Lopez, Director
Manny Martinez, Director/Auditor

CALL TO ORDER

PUBLIC COMMENT

DISCUSSION ITEMS:

A. Committee Meeting Minutes
   Meeting Date: December 4, 2019
   Recommendation: Approve as presented

B. SCADA Equipment Replacement Project
   Recommendation: Review and forward to the Board for approval

C. Capital Projects Update (verbal)
   Recommendation: Informational update

DECLARATION OF POSTING

In accordance with the requirements of California Government Code §54954.2, this agenda has been posted in the display case at the gated entrance to our main office at 10575 Central Avenue, Montclair, California not less than 72 hours prior to the meeting date and time above.

Written materials relating to open session agenda items, including those distributed to the majority of the Board of Directors after distribution of this agenda package, are available for public inspection during normal business hours at the District’s main office, located at 10575 Central Avenue, Montclair, California.

Pursuant to the Americans with Disabilities Act, persons with a disability who require a disability-related modification or accommodation in order to participate in a meeting may request such modification or accommodation from the District Secretary at (909) 267-2160, or by email at ggarcia@mvwd.org. Notification 48 hours prior to the meeting will enable District staff to make reasonable arrangements to assure accessibility to the meeting.
MINUTES OF THE ENGINEERING COMMITTEE
OF THE MONTE VISTA WATER DISTRICT

December 4, 2019

1. CALL TO ORDER
The meeting was called to order at 4:30 p.m.

2. COMMITTEE MEMBERS PRESENT:
Tony Lopez, Director
Sandra Rose, Director/Areas

COMMITTEE MEMBERS ABSENT:
Manny Martinez, Director/Auditor

STAFF PRESENT:
Justin Scott-Coe, Assistant General Manager
Van Jew, Director of Engineering, Operations, and Maintenance
Hilton Saenz, Maintenance Superintendent
John Hughes, Water Systems Superintendent

OTHERS IN ATTENDANCE:
None

PUBLIC COMMENT/OPEN FORUM
None

AGENDA CHANGES/ADDITIONS
None

3. DISCUSSION ITEMS:

A. APPROVAL OF MINUTES
Action Taken: The committee approved the minutes of the September 3, 2019 meeting, as submitted.

B. Notice of Completion: Well 28 Pump-to-Waste
Action Taken: The committee reviewed this item and recommended it be forwarded to the Board for approval.

C. Proposed Water Facilities and Service Agreement
Action Taken: The committee reviewed this item and recommended it be forwarded to the Board for approval.

F. Capital Projects Update (verbal)
Action Taken: Informational update

With no further business to come before the Engineering Committee, President Rose adjourned the meeting at 4:50 p.m.

Respectfully submitted,

Justin M. Scott-Coe
General Manager/Secretary
January 14, 2020

Honorable Engineering Committee
Monte Vista Water District

SUBJECT: SCADA Equipment Replacement Project

STAFF RECOMMENDATION:

It is recommended that the Engineering Committee recommend that the Board of Directors:

1. Establish new Capital Outlay Project EN2019-05 for the SCADA Equipment Replacement Project; and

2. Approve the transfer of $40,000 from reserves into Capital Outlay Project EN2019-05.

PRIOR BOARD ACTION:

None

FINANCIAL IMPACT:

Amending the Fiscal Year Ending 2020 Budget to establish funding for this project will increase the Capital Outlay Budget by $40,000, from $21,341,334 to $21,381,334, and reduce reserves by the same amount from $25,240,263 to $25,200,263.

CONSISTENCY WITH STRATEGIC PLAN GOALS/INITIATIVES:

Strategic Goal 3: Maintain and upgrade the District water distribution system and facilities.

BACKGROUND

Supervisory control and data acquisition (SCADA) is a system of software and hardware elements that allow the District to control, monitor, gather, and process real-time data for the efficient operation of the water system. The SCADA system maintains efficiency, helps staff make smarter decisions, and helps mitigate down time.
SCADA Equipment Replacement Project (EN2019-05)

The basic SCADA architecture begins with programmable logic controllers (PLCs) or remote terminal units (RTUs). PLCs and RTUs are microcomputers that communicate with an array of objects, such as sensors and end devices, and then route the information from those objects to computers with SCADA software. The SCADA software processes, distributes, and displays the data, helping operators and other employees analyze the data and make important decisions.

The SCADA Equipment Replacement Project was an approved capital outlay project (EN2019-05) in Fiscal Year Ending (FYE) 2019 Budget.

DISCUSSION

The programmable logic controllers at Plants 19 and 10 and the radios at Plants 30 and 32 have served their useful life. These devices are outdated and unsupported. Replacing the equipment will improve the reliability of the SCADA system.

Staff recommends the SCADA Equipment Replacement Project be established for FYE 2020, and that the budget for the project be set for $40,000.

Respectfully submitted,

John Hughes  
Water Systems Superintendent

Van M. Jew  
Director of Engineering, Operations & Maintenance

Stephanie A. Reimer  
Finance & Information Technology Manager

Justin M. Scott-Coe  
General Manager