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**To:**  
Dave Jeffries  
MERA Deputy Executive Officer

**Project name:**  
MERA Next Gen Radio  
System

**Project ref:**

**CC:**  
Mark Chase  
Jonathan Sprague

**From:** Bruce Bagnoli

**Date:**  
October 19, 2021

## Memo

**Subject:** Mt. Barnabe Board Item

This proposed change order will strengthen the lattice tower foundation at Mt. Barnabe to anchor the foundation to bedrock and repair foundation undermining. Motorola reviewed the design that it provided for the 2021-001 bid set that Fidato is building and found that the lattice tower structural design does not meet code.

Motorola did additional field investigation assisted by the MERA Geotechnical Engineer Craig Herzog and determined that the foundation is not on bedrock and needs additional bedrock anchors. Fidato is the contractor, and they have halted work as the redesign was underway. This action will restart work at the Tiburon site.

This item would authorize the MERA construction contractor to execute the architect/engineer's structural redesign at a cost of \$ 92,605. Additionally, the Governing Board is requested to approve a contingency, to be executed by MERA if needed, to address unforeseen conditions that may be encountered as the structural upgrade is constructed. The total request is \$129,453., and the extension of contract duration will be determined later.

The original engineer's estimate for the Mt. Barnabe site was \$ 80,777. The construction contract 2021-001 (including Civic Center, EOF, and Mt. Barnabe) was awarded to Fidato for \$169,000. The previous change order for Civic Center grounding was approved for \$ 85,858, and with that action, the contract value is \$ 254,858 before this change order. With this change order the new contract value will be 347,464.