



# City Council Report

**Date:** March 18, 2019  
**To:** City Council  
**Through:** Kari Kent, Assistant City Manager  
**From:** Beth Huning, City Engineer  
Marc Ahlstrom, Assistant City Engineer  
**Subject:** Red Mountain Multi-Generational Center Chillers and EMS  
City Project No. CP0767  
District 5

## Purpose and Recommendation

The purpose of this report is to provide information to the Council concerning the results of the bids received for Red Mountain Multi-Generational Center Chillers and EMS (See Exhibit "A" for the project location).

Staff recommends that Council award a contract for this project to the lowest responsible bidder, Innovative Mechanical Systems, Inc., in the amount of \$2,289,000.00, and authorize a change order allowance in the amount of \$228,900.00 (10%).

## Background

This project will replace the two existing chillers and supporting HVAC equipment at the Red Mountain Multi-Generational Center where the existing equipment has exceeded its service life, has had multiple failures, and cannot adequately cool the facility. The facility is currently operating on 1 chiller as the second chiller is no longer operable and is unrepairable. As a result, the remaining chiller is overworked and inefficient.

Additionally, the facility has been identified as a future Emergency Management Shelter. Upgrades to the facility electrical service are required to make the building usable under emergency conditions.

## Discussion

Through this project, the chillers and supporting HVAC system including air handlers, pumps, plumbing, etc. will be replaced with high efficiency units that will reduce energy costs and improve the overall comfort within the facility. Once construction is complete the facility will be more evenly heated and cooled providing a better environment for the patrons.

The facility's electrical service will also be upgraded to allow it to be served by a generator in the event of any emergency.

Once underway, construction of this project is anticipated to last no more than 7 months.

### **Alternatives**

An alternative to this project would be to not construct these improvements. This is not recommended because one of the two existing chillers no longer functions and the remaining chiller requires constant repair.

### **Fiscal Impact**

The total authorized amount recommended for this project is \$2,517,900.00, based upon the lowest responsible bid \$2,289,000.00, plus an additional \$228,900.00 (10%) as a change order allowance. This change order allowance will only be utilized for approved change orders.

This project is funded by the Capital General Fund.

### **Coordinated With**

The Parks, Recreation and Community Facilities Department concurs with this recommendation.

CITY OF MESA  
MESA, ARIZONA

**Red Mountain Multi-Generational Center Chillers and EMS**

**PROJECT NO. CP0767**

Tabulation of Bids Received, 7, February 2019, at 1 PM.

<b>ENGINEER'S ESTIMATE</b>	<b>\$1,470,775.00</b>
1. Innovative Mechanical Systems, Inc.	\$2,289,000.00
2. Builders Guild, Inc.	\$3,228,370.00
3. Sun Eagle Corp	\$3,325,000.00