



Memorandum

To: Town Council

From: Public Works Department

Date: 6-18-20

Subject: Synexis Dry Hydrogen Peroxide System

I. ITEM/TOPIC

Synexis Dry Hydrogen Peroxide System contract award

II. BACKGROUND

Public works staff has researched disinfectant system for use in town of vail buildings and buses, since the beginning of the Covid-19 pandemic. Staff has concluded that the Synexis Dry Hydrogen Peroxide system is not only the most effective but is also the most cost effective. The system uses humidity and oxygen from the air to produce dry hydrogen peroxide which permeates the space. It kills viruses continuously...

There are two costs associated with this system. The first is the initial equipment purchase. The install will be preformed by public works staff. The second is system does require a quarterly upkeep and replacement of the sails and filters The cost for the various buildings and buses are as follows:

Equipment for all occupied spaces within all town buildings including the Ski Museum, \$135,700.00

Supplies for upkeep for all town buildings, \$51,035.00 yearly.

Equipment for all Town of Vail buses, \$14,400.00

Supplies for upkeep for all town buses, \$8,000.00 yearly.

Equipment for all Vail Recreation District buildings, \$33,350.00.

Supplies for upkeep for the all Vail Recreation District buildings, \$16,000.00

The Town of Vail will take the majority of the initial funds from the current Capital Facilities Maintenance Budget, the Heavy Equipment Fund Reserve, and the Real Estate Transfer Tax Fund specific building funds and RETT Capital Building funds.

The annual maintenance would come from 2020 maintenance funds which were adjusted for extra cleaning and disinfecting during the pandemic. The need to disinfect our spaces by the town's cleaning contractor would be replaced with the new system. The VRD if agreed by the board would do the same. Budgets for 2021 have not been prepared but would have either included the same increased cleaning or will now include the ongoing maintenance of the system.

III ACTION REQUESTED OF COUNCIL

Authorize the Town Manager to enter into an initial contract and ongoing maintenance agreement with Synexis.

III. STAFF RECOMMENDATION

Authorize the Town Manager to enter into an initial purchase agreement, in a form approved by the Town Attorney with Synexis in an amount upto \$ 183,450 as directed by the council, in addition to the ongoing maintenance for 2020.