



AIR DUCT REPLACEMENT AND INSTALLATION – FIRE STATIONS #1 AND #8

RS-23-099

June 20, 2023

Background

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- ❑ Fire Stations #1 and #8 were built in 2009 and 2008 respectively.
- ❑ In October 2022, Facilities Maintenance staff performed a walk-through of both stations.
- ❑ Staff identified black organic substance forming around supply grills and ceiling tiles in the bedrooms, kitchen, weight room, community room and dining area.
- ❑ An indoor air quality test was ordered and identified fungal growth in these areas.
- ❑ A review of the facility plans and a Mechanical, Electrical, and Plumbing (MEP) inspection was conducted and findings identified that supply grills were not properly insulated and the drywall did not have adequate air ventilation in the attic.

Background (continued)

- ❑ The remedy for this issue is to have the existing supply grills and duct work removed and replaced.
- ❑ The removal of the contaminated duct work will require professional remediation which will be done by Sisk-Robb in the month of June.
- ❑ After this is completed the duct work and supply grills will need to be replaced.
- ❑ The cost to purchase and install the duct work and supply grills for both facilities is \$81,260.00 and funds are available in the Governmental CIP Fund.
- ❑ The Brandt Companies, LLC provides this service through the Texas BuyBoard Purchasing Cooperative contract 638-21.

Alternatives

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- ❑ Do not authorize the replacement of the air ducts at Fire Stations #1 and #8 which will leave both facilities without and operating HVAC unit.
- ❑ Authorize the replacement of air ducts at Fire Stations #1 and #8 which will provide properly insulated supply grills and adequate ventilation.

Recommendation

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Staff recommends that City Council authorize the air duct replacement and installation of the HVAC Units of Fire Stations 1 and 8.