



CITY OF NOVI CITY COUNCIL
MARCH 4, 2024

SUBJECT: Consideration of approval to award engineering services to OHM Advisors for the preparation of Novi Ice Arena HVAC Replacement Project, in the amount of \$44,000.

SUBMITTING DEPARTMENT: Parks, Recreation and Cultural Services

EXPENDITURE REQUIRED	\$ 44,000
AMOUNT BUDGETED	\$ 205,330
APPROPRIATION REQUIRED	\$ 44,000
LINE ITEM NUMBER	570-000.00-976.149

BACKGROUND INFORMATION:

The HVAC system at the Novi Ice Arena, located at 42400 Nick Lindstrom Drive, dates to the original construction in 1998. The system is in need of replacement based on recent equipment failures in the make up air units, the dehumidification unit for the ice areas, and ventilation for the locker rooms. Replacement will also gain greater energy efficiency for the Ice Arena.

The units are currently located in an open roof equipment courtyard. This equipment includes one (1) gas fired makeup unit for the locker rooms, one (1) desiccant dehumidifier with energy recovery and gas fired reactivation and two (2) gas fired duct heaters for temperature control of each ice arena. Replacement of the exterior ductwork within this area is necessary due to its condition. A new access ladder will be constructed to provide permanent access to the mechanical room. The existing roof of the mechanical courtyard is in need of repairs or resealing after equipment removal.

Due to the scope and complexity of the project, City staff engaged with OHM Advisors to provide engineering services. The proposal to provide preliminary and final design and bidding assistance is included in this packet. A proposal for construction oversight will be presented at a later date.

Based on current equipment lead times and ability to disable the current system's operation during operational season, it is assumed that the construction will occur in the spring of 2025.

RECOMMENDED ACTION: Consideration of approval to award engineering services to OHM Advisors for the preparation of Novi Ice Arena HVAC Replacement Project, in the amount of \$44,000.