



CITY COUNCIL MEMORANDUM

FROM: The Office of the City Manager **DATE:** December 11, 2023

SUBJECT: Authorize the City Manager to execute a professional services agreement for engineering design services with EMA Engineering & Consulting, Inc. in an amount not to exceed \$80,000 for a Heating Ventilation Air Conditioning (HVAC) design and Indoor Air Quality for the NRH Centre Indoor Aquatics.

PRESENTER: Chris Amarante, Director of Facilities & Construction

SUMMARY:

City Council is being asked to consider a professional engineering design services agreement with EMA Engineering & Consulting, Inc. for an HVAC design and Indoor Air Quality for the NRH Centre Indoor Aquatics in an amount not to exceed \$80,000.

GENERAL DESCRIPTION:

The NRH Centre Indoor Aquatics Dectron HVAC system is original to the facility and has seen significant repair needs over the past few years. The system must be maintained at maximum capacity to handle the Texas climate and harsh indoor aquatics environment. With the most recent major repairs, the vendor has indicated that full system replacement will be necessary within the next few years. Due to customization required for such installation, it is necessary that we prepare for the full replacement prior to system failure as aquatics closure would severely impact membership and revenues at the NRH Centre. This professional engineering study will analyze and model the airflow within the space as well as provide a replacement system designed to the NRH Centre specific configuration to ensure the NRH Centre indoor air quality is the best we can achieve for patrons, staff, and to lengthen the time between full system replacement which in turn preserves the integrity of the facility.

At the completion of this professional engineering services agreement, the city will utilize EMA's design and pursue a replacement HVAC unit and implement the building modifications required to improve the indoor air quality.

Funding for this project was approved in the FY 2023-2024 Capital Project Budget, provided by the NRH Centre Reserves, project FC2411. Project schedules indicate a duration of approximately ten months for design.

RECOMMENDATION:

Authorize the City Manager to execute a professional services agreement for engineering design services with EMA Engineering & Consulting, Inc. in an amount not to exceed



\$80,000 for a Heating Ventilation Air Conditioning (HVAC) design and Indoor Air Quality for the NRH Centre Indoor Aquatics.