



CITY COUNCIL MEMORANDUM

FROM: The Office of the City Manager **DATE:** March 6, 2023
SUBJECT: Authorize the purchase of three weather stations and six inclement weather alert systems for installation at various city park site locations from Perry Weather, Inc., through BuyBoard Contract #647-21 using American Rescue Plan Act Grant Funds in the amount of \$101,689.
PRESENTER: Adrien Pekurney, Director of Parks and Recreation

SUMMARY:

This item is for the purchase of three (3) weather stations and six (6) inclement weather alert systems to be installed at various park site locations in North Richland Hills.

GENERAL DESCRIPTION:

This project identifies strategic locations for three weather stations and six audible weather alert systems at identified parks and recreation facilities within North Richland Hills.

The weather stations would be located at Iron Horse Golf Course, NRH2O Family Water Park and Green Valley Park. The weather stations will collect real-time, site-specific conditions for more accurate monitoring and alerting, real-time weather metrics, and air quality monitoring. The weather stations provide real time portable lightening detection and alerts along with advanced weather radar software with high-definition weather and lightening detection radar which indicates precipitation and lightening patterns for proactive safety decision making.

Along with the three weather stations, six initial high utilization parks and facilities have been identified to house audible weather alert systems at the identified site. The weather stations communicate with the alert systems to activate an audible alert at the site. The audible weather alert systems would be located at: Northfield Park, Green Valley Park, Cross Timbers Park, Walker's Creek Park, Richland Tennis Center, and Richfield Park. These sites were selected based on the volume of youth and adult recreational sports activities with a high number of spectators present during practices, games and events.

Staff obtained the system quote from Perry Weather, Inc., in the amount of \$101,689. The amount includes three weather stations, six alert systems, installation and a two-year hardware warranty. The funding source for this purchase is through an American Rescue Plan Act ("ARPA") Grant.



Purchasing these items through the BuyBoard Cooperative program satisfies any state law requirements for competitive bidding.

RECOMMENDATION:

Authorize the purchase of three weather stations and six inclement weather alert systems for installation at various city park site locations from Perry Weather, Inc., through BuyBoard Contract #647-21 using American Rescue Plan Act Grant Funds in the amount of \$101,689.