



## CITY OF NORMAN, OK STAFF REPORT

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**MEETING DATE:** 06/25/2024

**REQUESTER:** Peter Wolbach

**PRESENTER:** Peter Wolbach, Staff Engineer

**ITEM TITLE:** CONSIDERATION OF AUTHORIZATION, APPROVAL, REJECTION, AMENDMENT, AND/OR POSTPONEMENT FOR THE PURCHASE AND INSTALLATION OF A LOAD SCALE SYSTEM FROM CROSS PRECISION MEASUREMENT COMPANY FOR THE TRANSFER STATION IN THE AMOUNT OF \$30,000, SOLE SOURCE AUTHORIZATION, AND BUDGET TRANSFER AS OUTLINED IN THE STAFF REPORT.

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### **BACKGROUND:**

The Norman Utilities Authority (NUA) operates and maintains the sanitation collection system and facilities throughout Norman, which includes the Norman Transfer Station at 3901 Chautauqua Avenue. The Transfer Station has an ongoing project, Transfer Station Renovations (Project SA0005), that will address several elements at the Transfer Station that have deteriorated due to heavy use or require replacement due to age. The Scale House at the Transfer Station is included in these renovations.

The function of a Scale House is to weigh vehicles entering and exiting the Transfer Station using a computer system that computes the net weight of solid waste materials to be disposed of. This is an important function of the Transfer Station as the net weight of solids disposed for each vehicle is how the rate a customer pays (the “tipping fee”) is determined. The revenue generated at the Transfer Station is a vital source of funding for the Sanitation Utility, and an accurate maintainable scale system is necessary for continued operations at the Transfer Station.

### **DISCUSSION:**

The current weighing system is obsolete with respect to ongoing maintenance support as parts are no longer manufactured for the current system. Staff evaluated scale system options, and determined that the hardware and calibrated scale system fixed to the loading cells is in need of replacement, but the metallic and concrete infrastructure encompassing the loading cells are still fit for service. As such, this project includes the following 3 major components to retrofit into the existing load cells.

- Mettler Toledo IND780 PDX Board
  - This board controls the hardware and data management of the new system.

- VKR211 Conversion Kit for MTX load cells
  - Will replace existing hardware on the load scales and tie directly into the new board.
- Replacement of 30 feet of cable responsible for carrying power from main circuit breaker panel to the load cells.

Project cost also includes installation, startup, and calibration.

The proposed replacement scale system is a Mettler Toledo brand system that is a viable replacement for the current system, and comes with a ten (10) year performance guarantee. The guarantee covers all parts, labor, travel time, and mileage for any non-abuse related failure over a ten (10) year period. Cross Precision Measurement is sole representative and distributor of Mettler Toledo Industrial Scales and Systems for all counties in the State of Oklahoma as documented in the attached letter. Staff recommends sole sourcing this brand due to ease of operation and maintenance and to ensure compatibility with the existing scale infrastructure. The City Code, Section 12-204.b.2 allows exemption from competitive bidding requirements when only a single dealer can provide the specified equipment.

Funds in the amount of \$30,000 are available to fund the purchase in Sanitation Project, Materials (Account 33999975-46301; Project SA0005).

**RECOMMENDATION 1:**

Staff recommends purchase of the replacement Load Scale System in the amount of \$30,000 from Cross Precision Measurement.

**RECOMMENDATION 2:**

Staff recommends approval of the sole source purchase authorization.