



## CITY OF NORMAN, OK STAFF REPORT

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**MEETING DATE:** 01/13/2026

**REQUESTER:** Kenneth J. Giannone, PE

**PRESENTER:** Kenneth J. Giannone, PE, Capital Projects Engineer

**ITEM TITLE:** CONSIDERATION OF APPROVAL, REJECTION, AMENDMENT AND/OR POSTPONEMENT OF CHANGE ORDER ONE TO CONTRACT K-2324-66: BY AND BETWEEN THE NORMAN UTILITIES AUTHORITY AND CROSSLAND HEAVY CONTRACTORS, INCREASING THE CONTRACT BY \$67,070 FOR A REVISED CONTRACT AMOUNT OF \$3,387,070 FOR THE NORMAN WATER RECLAMATION FACILITY DEWATERING IMPROVEMENTS PROJECT AS OUTLINED IN THE STAFF REPORT. (Ward 6)

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### **BACKGROUND:**

Centrifuges are a critical part of the bio-solids handling process at the Norman Water Reclamation Facility (WRF). They reduce the liquid content of biosolids which greatly reduces volume of biosolids that must be hauled and land-applied while also making the loading, dumping, and spreading process less labor intensive for WRF staff. Unfortunately, the existing centrifuges at the WRF are approaching the end of their useful lives.

The Norman Utilities Authority (NUA) approved Contract K-2021-50 with Garver, L.L.C., on December 8, 2020, to prepare a design to replace the existing centrifuges with state-of-the-art dewatering equipment that will be sized so they will meet the requirements of projected future influent flows. The project was advertised and bid and Contract K-2324-66 with Crossland Heavy Contractors (CHC) was approved by the NUA on November 28, 2023, for construction of the dewatering centrifuge improvements with this original scope of work nearly complete.

Separate from the centrifuges and the dewatering process, the Westside Lift Station receives flow from interceptors on the west side of the City and also from wet weather storage basins. Flows are screened to remove debris and are then pumped to a manhole at the head of the WRF for treatment. In May 2021, a failure of the gravity line between the manhole and the headworks occurred. The line was determined to have collapsed, so an emergency rerouting of the flows was installed to prevent overflows and restore operations to normal. This temporary connection has stayed in service and the WRF has operated normally since that time. However, there are several potential issues that could arise or have already arisen from this condition. The temporary pipe installation could result in decreased WRF capacity during wet weather events and the collapsed line could still allow for subsidence near the headworks.

In addition, staff at the WRF has observed that gravel has begun to appear in various process tanks and there is concern that this gravel will damage the bearings of solids clarifiers and will continue to work through the treatment process until it reaches the new centrifuges where it can damage the bearings of the new equipment as well. It is staff's opinion that this gravel is entering the treatment process via the collapsed 24" line at the headworks. For this reason, further investigation and repair of this condition have become critical in order to avoid the potential for expensive repairs.

## **DISCUSSION:**

In order to address this condition, staff solicited cost proposals from three experienced contractors who are familiar with the WRF to investigate and repair the collapsed 24" line. Two of the contractors submitted cost proposals in excess of \$100,000.00. The third was CHC who submitted a cost proposal in the amount of \$67,070.00. CHC work at the WRF to date has been satisfactory, and they have extensive experience performing work of this nature at wastewater reclamation facilities. Moreover, at this time, while CHC has nearly completed work on Contract K-2324-66, they remain mobilized at the WRF so they can complete this additional work as a change order to Contract K-2324-66 and can commence work immediately upon approval of a change order. For all of these reasons, Change Order 1 in the amount of \$67,070 has been prepared for consideration. If approved, Change Order 1 would increase CHC's contract from \$3,320,000 to 3,387,070, an increase of two percent (2.0%).

This change order, if approved, will also require a time extension of 167 calendar days to the project to account time required to finalize the change order; order and receive delivery of materials; mobilize equipment; coordinate work with WRF staff; and then to perform the work. CHC's original contract had a duration of 540 calendar days and a completion date of July 10, 2025, and this change order would extend that completion date to December 24, 2025. If approved, materials would be ordered immediately, and work would commence on site during the final weeks of January 2026. Once work begins, it should be complete in approximately one (1) week.

To fund this work, staff proposes to utilize available funds within WRF Dewatering Centrifuge Replacement, Construction (Account 32999911-46101; Project WW0326) which has an available balance of \$1,007,500.

## **RECOMMENDATION:**

Staff recommends that the NUA Trustees approve Change Order 1 to Contract K-2324-66 in the amount of \$67,070 with a time extension of 167 calendar days.