



STAFF REPORT

City Commission Regular Meeting

February 13, 2025



To: Elected Officials

From: Dale L. Martin, City Manager

Date: February 7, 2025

Item Name: Resolution 2025-04. A Resolution by the City Commission of the City of Flagler Beach to award Bid No. FB-24-0111 Project # 238 Wastewater Sludge Management Improvements to McMahan Construction Co., Inc. in an amount not to exceed \$2,992,000; providing for conflict and an effective date.

Background: The City of Flagler Beach's Wastewater Treatment Plant (WWTP) has been using drying beds (i.e., sand beds in concrete block structures) for the last forty-five years to dispose of sludge, the by-product of the wastewater treatment process. This is an antiquated technology that is significantly impacted by weather conditions since it requires sunlight, low humidity, and the absence of rain to air dry and dewater the sludge in a reasonable period of time. The technology is also very labor intensive, requiring staff to hand shovel the sludge out of the drying beds and into roll-off dumpsters. Additionally, the current sludge management system is highly susceptible to overflow conditions (which has, in part, led to the current Consent Order between the Department of Environmental Protection and the City). The proposed project will construct sludge management system improvements (commonly referred to as a "screw press") at the Flagler Beach Wastewater Treatment Plant (WWTP).

The Project, long anticipated and included in the Five-Year Capital Plan as part of the City's 2024/2025 budget, was bid in accordance with the City procurement ordinance. The bids were publicly opened on December 6, 2024. Four bids received (see attached bid tab) that ranged from a low of \$2,992,000 to a high of \$4,491,000. City staff have determined that the lowest responsive bidder is McMahan Construction Co., Inc. (Deland, FL). Mead & Hunt staff (City engineering consultant) have reviewed and checked the submitted references and advised City staff of their recommendations.

Fiscal Impact: Funding for the Project will be drawn from the City's grant awarded by the Department of Environmental Protection (DEP; \$850,000), reserves previously allocated for the screw press acquisition/construction (\$375,000), the 2024/2025 budget appropriation (\$1,287,000), and Utility Reserves (\$893,000). The City funds expended will satisfy the City's required matching contribution to realize the full extent of the DEP grant (the City had previously expended \$413,000 to acquire the screw press equipment).

Staff Recommendation: Staff recommends approval of Resolution 2025-04, awarding the contract for Wastewater Sludge Management Improvements to McMahan Construction Co., Inc. in an amount not to exceed \$2,992,000.

Attachment:
Resolution 2025-06