



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street, SE
Charleston, WV 25304
Phone: 304-926-0495 / Fax: 304-926-0463

Harold D. Ward, Cabinet Secretary
dep.wv.gov

MEMORANDUM

TO: Katheryn Emery, P.E., Engineer Chief, DWWM

FROM: Cali Carter, P.E., DWWM

DATE: September 11, 2024

SUBJECT: City of Kingwood
Bid Underrun Request: IJDC No. 2022S-2145
Existing Sanitary Sewer Improvements

RECOMMENDATION

The bid underrun request prepared by Civil & Environmental Consultants, Inc. for the above referenced project has been reviewed and is technically feasible.

DISCUSSION

Bids for the above referenced project were opened on September 4 , 2024. The low bidder was \$830,133.58 below the engineer's estimate. After adjusting the construction contingency to 5%, the total underrun is \$1,117,925.26. The Town requests to use \$200,000 of underrun funds to purchase spare pumps for existing sewage lift stations, \$75,000 for improvements to the existing sludge storage building, \$200,000 for telemetry at the existing sewage lift stations, and \$85,000 to purchase a sanitary sewer inspection camera.

Five spare pumps will be purchased with the requested \$200,000. These pumps are all different capacities and will serve as spare pumps for the five pump stations that the City does not already have spares for. The existing sludge storage building currently has a very thin slab of concrete flooring that is cracked and damaged and the building is not enclosed, leaving sludge exposed to winter weather. The requested \$75,000 would allow the City to pour a new 6 inch concrete slab and enclose the building. The City's telemetry system is failing and in need of replacement. The requested \$200,000 would allow the city to replace the telemetry at the nine existing lift stations.

Promoting a healthy environment.

Upgraded telemetry would allow the City to have a more secure and efficient system, and provide increased cybersecurity protection. The City currently has no form of any sanitary sewer inspection camera to aid in the operation and maintenance of the system. The requested \$85,000 would allow the City to purchase a track camera and push camera. These cameras would allow the City to inspect existing sewer lines, locate lines, and verify if inflow & infiltration (I/I) has been removed.

The total request of bid underrun funds to be incorporated into the project totals \$560,000, leaving \$557,925.26 to be returned.