

MEMORANDUM

DATE: November 21, 2024

TO: Melissa R. Marsh, City Manager

FROM: Sean P. Ballantine, Director of Public Services

SUBJECT: Purchase – Quick View Sewer Camera

The FY 2024-25 Budget includes funding for a “quick view sewer camera”; a ruggedized digital camera and transmitter used to quickly and accurately inspect gatewells, storm drains, manholes and sewer pipework within manholes.

The DPS sewer camera arsenal consists of a push camera, which is used to inspect sewer laterals and internal building piping, and a crawler, which is a camera that is lowered into the sewer and rolls through the sewer main. The crawler is cumbersome to deploy, which is acceptable when it is being set up to inspect for a couple hours, but results in a significant loss of productivity when a quick view of a sewer condition is all that is needed.

In preparation for this budget cycle, DPS staff had demoed several models, and were most impressed with the EnviroSight. Staff recently demoed the unit again, and continued to be impressed with its durability, its zoom capability, and the quality and clarity of the picture. The camera is easy to use and collect data, and allows for multiple operators to view the live footage simultaneously on multiple devices. EnviroSight is the same manufacturer of the City’s other two sewer cameras, and has local repair support through MacQueen Equipment (formerly Bell Equipment) of Lake Orion.

Staff therefore recommends that Council approve the purchase of one EnviroSight QuickView AirHD camera and equipment as quoted from MacQueen Equipment of Lake Orion, under the MiDeal cooperative bid, in the amount of \$19,075.00. Funding is budgeted and available.

City of Madison Heights
Department of Public Services
801 Ajax Drive
Madison Heights, Michigan 48071