

Melissa Luedke

From: Kevin Oium <kevin.oium@cedarcorp.com>
Sent: Tuesday, June 27, 2023 3:18 PM
To: Melissa Luedke
Subject: GIS Mapping Services

Hello Melissa,

In regards to the GIS mapping services in the Village, we came up with a cost of between \$60,000-\$65,000. I figured for using your GPS unit to keep the cost down. Otherwise, we would have a charge an additional \$35 per hour for using our GPS.

The work includes surveying all the locations of the gate valves, hydrants, curb stops, sanitary sewer manholes, storm sewer manholes and storm inlets. We would also measure all of the pipe sizes and invert elevations in the sanitary sewer manholes, storm sewer manholes and inlets. All of this information would be uploaded into your GIS mapping system.

Below is what we're basing are numbers on:

- 222 hydrants
- 337 gate valves
- 419 sanitary sewer manholes
- 155 storm sewer manholes
- 320 storm sewer inlets
- 1805 water services

I would propose doing this on a time and materials contract versus lump sum. We could look at doing the work over a couple of years to spread out the cost.

Feel free to let me know if you should have any questions.

Thanks,

Kevin Oium, P.E.

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