

Delaware Department of Transportation
QUESTIONS AND ANSWERS
Video Pipe Inspection
1616-1619 Request for Proposal
Friday, July 6, 2012

Q #	Question	Answer
17	If elevation readings of structures are required, what degree of accuracy of the z-component is required.	Elevation data will be required where we have vertical survey control on the job. The accuracy we are looking for is +/- 3/8". If there is not control on the job, the elevation will not be required.
16	The response to Question 3 defines a "small" job as being <250 lf and a "large" job as being > 250 lf. Typically 1000 LF of pipe could be inspected in a day. Would you consider raising the bid quantities to a higher level (e.g. 1000lf)?	Investigation of previous bids in Delaware and other states has shown that the price for pipe video inspection levels out once the quantity reaches 250 LF. Therefore, the quantities listed will remain as is.
15	Will elevations have to be taken? The answer to Question 1 of the Addendum seems no, but the answers to Questions 2 and 8 seem to be maybe.	Where there is vertical control on the job, elevations must be provided. If there is not vertical control on the site, elevations will not be required.
14	Reference page 6 of 6 of bid items- What does it mean "the Engineer may direct the Contractor to use other procedures covered by other item(s) of work". The only other items are video inspection. What if the pipe is still too dirty to video inspect?	This item was included should we need the video contractor to clean the pipe should there be an older pipe or one where the contractor has left the site. The cleaning of the pipe should not result in a pipe that is still too dirty to inspect.
13	Reference page 6 of 6 of bid items- Is the Contractor responsible for disposal?	Per the last sentence of the Materials and Construction Methods section- The one performing the cleaning is responsible for disposal of the material.
12	Will drawings of the work areas be provided?	If available, they will be provided.
11	Reference page 2 of 6 of bid items, third paragraph regarding measurement of joint gaps- Does every joint spacing get measured or only "open joints"?	Every joint gets a 360 degree inspection. Only open joints need to be measured.
10	Reference page 2 of 6 of bid items, second paragraph- What pipe materials will be considered "flexible"?	All thermoplastic and corrugated metal pipe products will be considered flexible.

Q #	Question	Answer
Friday, June 29, 2012		
9	Reference Section 3.10.4 at the top of page 17. I am not sure what you want under Contractual Expectations.	Any requirements other than those stated in the RFP that you wish to have the Department consider should your firm be selected.
8	Reference Appendix B, page 2 of 6. At the bottom of the page, "this record shall be listed by structure number and record each structure's Northing and Easting coordinates along with street address." The sample report in Appendix D lists a "top of the grate elevation" as well as the "invert elevation". Are these z-coordinate reading required to be taken?	Where there is survey control on the job, the elevation measurements will be required. We do not expect you to set up survey control.
7	Reference Section 2.6, for Service Level I, it states "deviation in pipe line and grade". Are you asking for video equipment that takes inclination readings?	(i.e. joint misalignments, noticeable changes in slope at joints, etc.). Equipment capable of providing inclination readings would be considered as exceeding the minimum requirements, which may benefit the Department and the proposer.
6	GPS techniques". Would you consider adding a pay item for GPS readings?	No.
5	In Section 2.5, it states the video is to be in mpeg 2 format. On page 1-2 of the 2008 Storm Sewer CCTV Manual, it states video shall be in mpeg 4 format. What format do you want the recordings in?	Mpeg 4 format.
4	We assume this work would be anywhere in the State. Would you consider a mobilization charge for each job perhaps by County?	No. It is a small state and we do not believe that mobilizations for each county are necessary.
3	What would be the typical size of each job?	The size of the jobs will vary. That is why we have differentiated between small jobs (<250 lf) and large jobs (>250 lf).
2	If we are responsible for the elevations will DELDOT provide benchmarks at each location to be inspected?	If the survey control being used to build the project is staked and protected, they shall use these as benchmarks to determine the elevations. If the Contractor is using a robotic total station, they can access the Contractors site calibration file in order to get accurate elevations. But if there is no control left on site, then we are not going to ask them to run the traverse and set it up.
1	Will the contractor be responsible for recording elevations of all inlets and piping within the inlet inside the limits of construction?	This stipulation was removed 612529 when the 2008 Storm Drain CCTV Inspection Manual was issued by DELDOT.