



Surveying & GIS
Services Provider

December 6, 2012

Mr. Charlie Thomas, PE
City of Norman Utilities Department
201 West Gray, Building C
Norman, OK 73069

Re: Sewer Maintenance Plan – FYE 2012
Norman, Oklahoma

Dear Mr. Thomas,

Thank you for requesting a proposal on the referenced project from Lemke Land Surveying under the current agreement for on-call City-wide surveying services. The terms and conditions of Contact K-0910-55 remain in effect.

Project Scope:

- Base Survey includes 234+/- sanitary sewer manholes
- Alternate #1 includes 37 +/- sanitary sewer manholes
- The survey(s) will include:
 - Manhole location / coordinates
 - Rim elevation
 - Invert / flowline elevation (depth of manhole)
 - Pipe diameter sizes (from video inspections)
- Prepare report / exhibit / deliverables
 - Annotate a City GIS Map of the project area with:
 - Depth of each manhole
 - Length of pipe between manholes
 - Slope of pipe between manholes
 - Diameter of pipes (from video inspections)
 - Prepare profiles, based on city contour information, of those lines planning to be up-sized and/or replaced by open-trench method.

Total Cost Estimate: \$73,580.00

Thanks again for this opportunity and should you have any questions, comments, or change in scope, please feel free to give me a call.

Respectfully,

Kelly J. Henderson, PLS, CFedS
Senior Project Manager

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