

October 3, 2014

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

Re: **Norman Sewer Maintenance Plan – FYE 2014**

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:

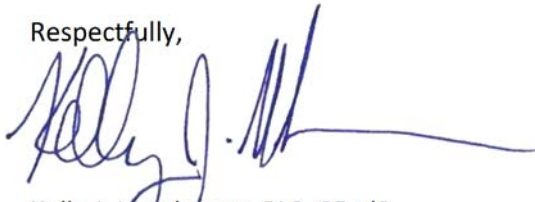
- Base Survey includes 226+/- sanitary sewer manholes
- The survey(s) will include:
 - Manhole location / coordinates
 - Rim elevation
 - Invert / flowline elevation (depth of manhole)
 - Pipe diameter sizes (from video inspections)
- Prepare report / exhibit / deliverables
 - Annotate a City GIS Map 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: \$61,520.00

Miscellaneous additional services as needed. **\$8,000.00**

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
Assistant Operations Manager
Lemke Land Surveying, LLC

L e m k e L a n d S u r v e y i n g

3226 Bart Conner Dr. Norman, OK 73072 405.366.8541 Fax 405.366.8540
7136 S. Yale Ave., Suite 120 Tulsa, OK 74136 918.895.9383 Fax 918.895.9768