

January 7, 2015

City of Norman Utilities Department  
**Attn:** Mr. Charlie Thomas  
201-C West Gray  
Norman, Oklahoma 73070

**Re:** Royal Oaks Force Main Rehabilitation Project

Dear Mr. Thomas:

This will serve as a proposal for the referenced project from Cardinal Engineering, L.L.C. under the current agreement for On-call Engineering services. The terms and conditions of Contact K-0910-62 remain in effect. The new forcemain, approximately 2,260 feet, is to be constructed along 24<sup>th</sup> Avenue Northeast. Cardinal understands that an existing forcemain parallel to the proposed alignment of the new facilities will remain in service during design and construction.

Cardinal will provide surveying and civil engineering design services for the force main. The survey will cover a corridor just west of, and parallel to, the existing force main. Along with the topographic and utility data, Cardinal will determine and show the location of the existing parcel lines and easements, along with ownership information. Our engineering proposal includes construction administration, but excludes on-site construction inspection. The fee for the designated services will be \$44,340.

Cardinal will begin work immediately upon receipt of your notice to proceed. Please contact me at this office if you have any questions or if I may be of assistance.

Yours Sincerely,



E. O'Neil Robinson, P.E.  
**Cardinal Engineering, L.L.C.**

cc: file  
Bill Swain