



VEENSTRA & KIMM INC.

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April 20, 2023

Mr. Ashton England
Engineer II
Independence Water Department
17221 E. 23rd Street
Independence, MO 64057

RE: Bid Request – E Blue Mills Rd. from E Yocum Rd. to N Old Atherton Rd.
E Blue Mills Rd. from the Little Blue River to N Lentz Rd.
E Old Blue Mills Rd. from west of the RR tracks on E Blue Mills Rd. to E Blue
Mills Rd.
E/N Yocum Rd. from E Blue Mills Rd. to N Union School Rd.

Mr. England:

Please find attached our proposal for the services requested for the above referenced project. We appreciate this opportunity to submit a proposal and look forward to the opportunity to work with the Independence Water Department. Should you have any questions regarding this proposal please contact Tim Gramling at tgramling@v-k.net or Scott McDonald as smcdonald@v-k.net. Both parties can also be reached by phone at 816-781-6182.

Sincerely,
Scott M. McDonald, P.E., ENV SP

Veenstra & Kimm, Inc.

**Baseline and Topographic Survey
For
Engineering Plans**

BID REQUEST

City of Independence Water Department
17221 E. 23rd Street

The City of Independence Water Department would like to request a bid from your company to provide baseline survey, topographic survey, locating property corners, section corners, and providing actual mean sea level elevations (topographical maps or aerial mapping are not allowed) along the route shown on the attached strip map. This information will be used by your company to prepare engineering plans for the new water main along the route as specified below.

The Surveyor/Engineer is responsible for:

1. Surveyor (Topographic survey) will recover all section corners, quarter section corners, and property corners along route as denoted on strip map and tie these points down in the field. These points are to be shown on a survey control sheet and made a part of the plans. Where there is a section line, the centerline of the road right-of-way (R/W) would be required to be established. Surveyor will then be required to prepare a drawing showing these points with distance, angles, and bearings. The Surveyor will establish a temporary benchmark at each of the project sites. The Surveyor will be required to obtain mean sea level elevation along the centerline of the new water main route at every station (centerline of street and centerline of water main route). Surveyor will set a PK nail every 100 feet along route in the center of the pavement. In areas where there is no pavement, the contractor will set 5/8" iron bars 15" in Length every 100 feet along the route. Each of these locations will be marked with a station starting with Sta. 0+00. The stationing is to be painted on the pavement where there is pavement. For those areas with no pavement, Surveyor is to use 1"x 2"x 36" wood stakes with the stations marked on the stake.

2. Surveyor (Topographic) will show existing pavement widths every 100 feet. All fences, driveways, trees, bushes, culverts, flower gardens, sidewalks, decks, houses, the house address, property lines, storm water structures, sanitary sewer structures, gas lines, telephone lines, telephone poles, telephone boxes, cable TV lines, power lines, power poles, water mains (fire hydrants and valves), water service lines (tap, curb stop and meter well) road R/W, railroad R/W, creeks, etc., 100 feet on either side of baseline survey, as described below:

- I. A. Sec. 16, T50N, R31W – E Blue Mills Rd. from E Yocum Rd. to N Old Atherton Rd.
- B. Sec. 15, T50N, R31W – E Blue Mills Rd. from the Little Blue River to N Lentz Rd.
- C. Sec. 15, T50N, R31W – E Old Blue Mills Rd from west of the RR tracks on E Blue Mills Rd. to E Blue Mills Rd.
- D. Sec. 16/17, T50N, R31W – E/N Yocum Rd. from E Blue Mills Rd. to N Union School Rd.

3. Surveyor will prepare a drawing in Autodesk Civil3D and supply the City of Independence Water Department with an email containing the drawing files. Surveyor will have **90 days** from the time the bid is awarded to complete the Baseline Survey, Topo Route and to furnish the Water Department with a preliminary copy of the plans. Surveyor will be required to obtain mean sea level elevation along the centerline of the street at every station.

All layer names within the drawings are to be spelled out. Any abbreviation will be sent with drawings in a Microsoft Excel[®] spreadsheet explaining each abbreviation.

4. Once the City of Independence Water Department has determined the route for the new water main, a copy of the preliminary plans will be returned to the Engineer showing the proposed water main route (with valves, fittings, and fire hydrants) on the plans and new service lines (tap, curb stops, and meter wells) with stationing. The Engineer will be required to prepare detailed drawings, that include profiles of both the street centerline and centerline of the water main route as directed by the City of Independence Water Department. The Engineer will have **60 days** to complete this work from the date the plans are returned to the Surveyor's office.

5. The Engineer will provide a digital copy of the engineering plans showing the above items to the City of Independence Water Department for a final review. Once the final review and final changes are made, the Engineer will provide the Water Department with a digital copy of the final plans by email.

6. Surveyor will provide a copy of all field notes to the City of Independence Water Department for their files.

7. All work must be done by a licensed Professional Surveyor and licensed Professional Engineer in the State of Missouri.

If you have any questions, please direct them to:

Ashton England
Engineer II
Independence Water Department
(816) 325-7654

BID WILL BE DUE ON or BEFORE 2:00 pm on April 21st, 2023.

Company: Veenstra & Kimm, Inc.

Address: 1201 West College, Suite 100, Liberty, MO 64068

Bid By: Scott M. McDonald Phone No.: 816-781-6182 Date: 4/20/2023

Total cost for performing above described work: \$67,800.00