

Notice is hereby given that the Nixa Fire Protection District will receive proposals from Professional Surveyors and/or Engineers licensed in the State of Missouri to provide Professional Surveying, Geotechnical, & Civil Services regarding their new Fire Station No. 1 facility located at 710 North McCroskey Street, Nixa, MO 65714. Companies can provide individual proposals for services requested or all three depending on the capabilities of each Company. Description for Services provided shall include, but not limited to, the following:

**Survey:**

Survey proposals to be developed to provide a boundary and topographic survey for the above-mentioned property. Show boundary lines, setbacks and platted easements. Also include a topographic survey showing existing improvements, general vegetation locations, spot elevations, one-foot contours and utility information as provided by the utility owners and/or their representatives. The horizontal information to be based on NAD 1983 State Plane coordinate datum and the elevations to be based on NAVD 1988 datum. Two (2) printed sealed copies along with digital copies (PDF & CAD) to be provided.

**Geotechnical Engineering:**

Geotechnical proposals are to be developed for geotechnical drilling. It is assumed the building will be supported by shallow foundations, and a concrete slab-on-grade; we have assumed footing widths of 2 to 4 feet. The site appears to have been previously cut and there may have been a former building in the northwest corner.

The subsurface investigation shall include drilling a minimum of 6 borings or up to 1 day of drilling. Borings to be drilled down to a depth of up to 20 feet or auger refusal for the building and shallower in the parking and drive areas. Soil borings to be drilled with a truck-mounted drill rig. Soil samples to be taken at various depths in the borings for laboratory testing using the split spoon sampling method. Soil samples are to be tested for moisture content, Atterberg limit values, compressibility and/or compressive strength. An engineering report to be provided with the findings of the exploration and recommendations for site development, and foundation design recommendations. An electronic copy of the report to also be provided.

**Civil Engineering:**

Civil Engineering proposals to be developed to provide the following:

- Site Layout/Dimension Plan: Provide a site layout/dimension plan for the project to include pedestrian and ADA accessibility, location of light poles (lighting design by MEP consultant), parking lot, sidewalks, access ways, and striping.
- Site Utility Plan: The utility plan to show the service connections from 5 foot outside the proposed building location to existing utility mains adjacent to the site. Site utilities include gas, water and sanitary sewer, as applicable. Demand/sizing for each of those services will need to be provided by the MEP consultant for coordination with the utility provider.
- Site Grading Plan: Provide a site grading plan to include finish grades will include spot elevations, as applicable, for finish floor, top of curbs, sidewalks, drainage inlets, and grading at one-foot contour intervals for the proposed project.

- Site Details: Provide site details, as necessary, to support the site layout, site utility, and site grading drawings. Details to include driveway entrances, sidewalk, site retaining walls (no greater than 3') pavement (recommendations to be provided by a geotechnical investigation) and curb and gutter.
- Site Erosion Control Plan (SWPPP): Provide an erosion control plan with details to construct erosion and sediment control measures. A site SWPPP is anticipated due to the site being greater than 1 acre. The Civil Engineer to coordinate land disturbance permits with both the local municipality and the state. The cost of the any permit application fees shall be paid directly to the appropriate agency by the owner.
- Stormwater Detention and Water Quality Design: Detention appears to be provided regionally. If onsite design is required, provide an additional fee for this design service.
- Coordination Meetings: Include in the proposal costs for any meetings regarding design coordination with Owner and/or Design Team and City and/or State Agencies to develop the construction documents.
- Deliverables: The proposal to include providing two sets of signed plans and one set of technical specifications.

The proposals shall be mailed or delivered to the Nixa Fire Protection District's Headquarters, 301 S. Nicholas Road, Nixa, MO 65714, Attn: Whitney Weaver, Assistant Chief, no later than **Thursday June 30<sup>th</sup>, 2022 at 4:00 p.m.**

A preliminary site plan for the proposed fire station layout has been provided for reference, see attachment. Questions regarding the project should be directed to **Buxton Kubik-Dodd Design Collective, Attn: Eric Street, AIA, 3100 S. National Ave., Suite 300, Springfield, MO 65807, ph: 417.890.5543. Email: [estreet@bk-dc.com](mailto:estreet@bk-dc.com)**