



# NIXA FIRE PROTECTION DISTRICT

301 South Nicholas Road  
Nixa, MO 65714  
Business (417) 725-4025  
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## **\*\*Request for Proposal\*\***

# Training Grounds Development - Geotechnical Studies and Engineering Services

October 08, 2018

### **Introduction**

The Nixa Fire Protection District is looking to add training facilities on existing property, located directly behind Fire Station #1 at 711 North Main Street in Nixa, Mo. The Fire District is looking to study the usefulness and ability of the current property. The Fire District is seeking proposals for studies of the property to determine its abilities and capacities of potential future site development.

### **Background**

The studies will be completed, by the vendor chosen from this process, on the property located on the north side of the property owned by the Nixa Fire Protection District at 711 N. Main Street in Nixa, MO, and located to the west of the station. See the attached documentation for further detail on the property locations. The submitted studies will be reviewed by the board of directors for approval before being sent to the City of Nixa for further evaluation and review. The vendor will be responsible for including all necessary information and data to determine the usefulness of the property to further develop the site for future building needs. The vendor will also be responsible for submitting complete and conclusive data.

Final details will be worked out with the vendor chosen from this process.

### **Study specifics:**

- 1. Engineering Services**
  - a. Topographic survey for the proposed site.**
    - i. One-foot contour intervals**
    - ii. Spot elevations**
    - iii. Zoning**
    - iv. Utility information as provided by the utility owners and/or their representatives**
    - v. Setbacks and pertinent boundary information**
  - b. Civil Engineering – Site Development**

- i. **Full Site Civil Drawings: Erosion control plan, finish site grading design including parking areas, driveways, establish spot elevations and one-foot contour intervals for the finish grades and any necessary grading/site details. Also, included will be the site plan (building size/envelope to be provided by others), pavement details, site SWPPP, MoDNR Land Disturbance Permit Submittal, and stormwater detention design. All stormwater runoff is anticipated to be directed to the north, to the Northview Road right-of-way. No offsite utility extensions/relocations, stormwater extensions, sinkhole study, or retaining walls are included in this scope.**
- ii. **Hydrologic sinkhole study to determine any effects from the proposed development. Per Travis Cossey with the City of Nixa, MO, a sinkhole study will be required for this development. If a geologic study is required, additional boring will be required and should be provided under this proposal.**

## **2. Geotechnical Engineering Services**

- i. **Determine soil characteristics of the proposed site**
- ii. **Site earthwork, foundation bearing capacities, and concrete pavement design is necessary.**
- iii. **Engineering report issued with the findings of the explorations and recommendations for site development and foundation design.**

## **Submission of Proposals**

Questions can be directed to: Nixa Fire Protection District  
Attn: Adam Neff  
301 S. Nicholas Road  
Nixa, Mo 65714  
417-725-4025 or by email at  
aneff@nixafire.org

Sealed RFPs should be submitted to the Nixa Fire Protection District no later than 5:00 PM on Friday, **October 29** and clearly marked: **Training Grounds Development**

**The Nixa Fire Protection District Board of Directors reserves the right to refuse any and all bids.**