

**PERFORMANCE
WORK STATEMENT
FOR
REPAIR WATER WELL #5 AND WELL #6
14 Aug 2023**

1. GENERAL DESCRIPTION AND SCOPE OF WORK.

The contractor shall provide all labor, equipment, tools and supplies necessary to accomplish the work specified below. Contractor is responsible for keeping construction area(s) neat, secure, orderly and in compliance with OSHA and MO DNR standards. Contractor will be responsible for cleanup upon project completion. Contractor shall comply with all OSHA, MO 10 CSR 60 and American Water Works Association (AWWA) guidelines. Contractor will be responsible for the storage, transportation, and disposal of all demolition and waste materials. The Contractor shall become familiar with all details of the work, verify all dimensions in the field and specifications stated herein and shall advise Contracting Officer of any discrepancy before performing the work. All work to be accomplished during regularly established Whiteman AFB duty hours. The Contractor must be a certified well puller who is recognized by the state of Missouri. If a subcontractor is used, they must be a certified well puller recognized by the state of Missouri as well. All Contract personnel are required to have a valid state issued photo identification card, be a US Citizen, and no criminal record to enter the installation. All work shall be coordinated with Base Civil Engineering and Water Treatment Plant personnel.

2. PRINCIPLE ITEMS OF WORK.

- This work is located at Raw Water Well #5, facility 1113, located behind the Youth Center and Raw
- Water Well #6 facility 890, located on Mitchell Ave. just north/west of Minuteman Park
- Prior to start of any work, Contractor must first accomplish these requirements
- Design, Submit to MO DNR and Receive an Engineered stamped approved drawing for each well.
- Submit and receive an approved Construction Permit through MO DNR for each well.
- Well #5; Contractor shall disconnect well piping and power to well motor. Using roof access, the contractor will remove 400ft of 4" steel well piping and well pump and motor. (Each section of 4" steel piping is 21 feet in length)
- Once removed, contractor will perform televised underground survey to verify integrity of well casing and borehole, any issues will be brought to the government's attention.
- Contractor will then re-install new (all American Made Products): 50hp 460v 3ph motor and comparable well pump and 441ft of 4" domestic galvanized drop pipe. Also installed will be two 4" stainless steel Flomatic check valves with stainless steel nipples and couplings. New 2/3 w/g Flat Jacket wire will be installed along with new 1/4" airline and gauge for calculation pumping and static water levels. New well pump will be required to provide a minimum of 360gpm at 392 total dynamic head.
- Well #6; Contractor shall disconnect well piping and power to well motor. Using roof access, the contractor will remove 441ft of 4" steel well piping and well pump and motor. (Each section of 4" steel piping is 21 feet in length)
- Once removed, contractor will perform televised underground survey to verify integrity of well casing and borehole, any issues will be brought to the government's attention.

- Contractor will then re-install new (all American Made Products): 50hp 460v 3ph motor and comparable well pump and 525ft of 4" domestic galvanized drop pipe. Also installed will be two 4" stainless steel Flomatic check valves with stainless steel nipples and couplings. New 2/3 w/g Flat Jacket wire will be installed along with new ¼" airline and gauge for calculation pumping and static water levels. New well pump will be required to provide a minimum of 300gpm at 485 total dynamic head.
- Once the well pumps are reinstalled the contractor will perform a pump test and provide the results to the government on a Pumping Test Data Sheet
- Contractor shall ensure no contaminants are introduced into the well during their repairs.
- Contractor will remove and discard old piping, pump/motor and any other debris from site.

PERMITS/REPORTING

Contractor shall file all required reports in accordance with MO DNR & AWWA where applicable.