

SCOPE OF WORK

A. APPLICATION

This "Scope of Work" division of the Specifications is applicable to all work contemplated. This section is a brief overview of the work contemplated and the items of work associated with the works intended.

B. PERMITS

A Noncommunity Water Supply "Approval to Construct" issued by the Pennsylvania Department of Environmental Protection (PA DEP) shall be obtained by the Engineer prior to the commencement of work by the Contractor.

A Noncommunity Water Supply "Approval to Operate" shall be issued by the Pennsylvania Department of Environmental Protection after the Department has completed an inspection of the work performed by the Contractor. It is the responsibility of the Contractor to ensure construction methods as outlined in the "Approval to Construct" issued by PA DEP and secure the "Approval to Operate".

C. RESPONSIBILITIES OF CONTRACTORS

1. Except as otherwise specifically stated in the contracts, the Contractor shall provide and pay for all materials, labor, tools, equipment, transportation, superintendence, temporary construction, taxes legally collectable because of the work, and all other services and facilities of every type, whatsoever necessary, to execute the work to be done under his / her contract and deliver same complete and ready for use.
2. The Contractor shall provide (and pay all charges and costs in connection therewith) temporary water, light, heat and power for use during the life of the project.

D. REMOVAL OF DEBRIS, CLEANING, ETC.

1. The Contractor shall, periodically, or as directed during the progress of the work, remove and properly dispose of the resultant dirt and debris from the work under his / her Contract. Upon completion of the work, he / she shall remove all construction facilities, and unused materials provided for the work. Trash and combustible materials shall not be allowed to accumulate on the premises. Trash burning or disposal on the site will not be permitted. Disposal shall be performed in a legal and acceptable manner.

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2. The Contractor, in addition to the above requirements shall keep the premises reasonably clean. Upon completion of the work, he / she shall put the premises in a neat and clean condition.

E. PRE-CONSTRUCTION MEETING

The Engineer will conduct a **mandatory** pre-construction meeting with the Owner & Contractor to review work limits and sequencing. No work shall commence prior to the pre-construction meeting being held.

F. PROJECT SEQUENCING / APPROXIMATE TIMELINE (TENTATIVE)

1. July 13th, 2026 – Project Awarded at School Board Meeting
2. July 14th, 2026 – Notice to Proceed Issued
3. July 14th – 17th, 2026 – Submittals Approved
4. July 20th – 24th, 2026 – Contractor to Secure Material
5. July 27th – August 7th, 2026 – Contractor to Begin Construction
6. August 3rd – 7th, 2026 – Contractor to Plan Tie in with School and keep connection period to less than 24 hours. No outage should occur to building.
7. August 10th – 14th, 2026 – DEP Final Inspection & Restoration
8. August 17th, 2026 – Full Project Completion Hard Deadline

G. ACCEPTABLE CONTRACTORS

1. All Contractors bidding the project shall have good knowledge and work experience (minimum ten (10) years) in the field of construction and water treatment.

H. PRODUCTS DELIVERY, STORAGE AND HANDLING

1. Material storage / staging areas must be pre-approved by the Owner / Engineer. 2.

Deliver materials in original unopened containers, when applicable.

3. Containers are to be labeled with the manufacturer's name, brand name and installation procedures. The contractor is responsible for maintaining a material log with all applicable Material Safety and Data Sheets (MSDS) or Globally Harmonized System of Classification and Labeling of Chemical Sheets (GHS), as required by OSHA.

I. WEATHER CONDITIONS

Proceed with construction only when existing and forecasted weather conditions are favorable and will allow work to proceed within the parameters / recommendations set forth by the manufacturers of all materials utilized during construction. The Engineer shall have the final decision in determining when weather conditions are favorable for construction.

J. SAFETY / SPECIAL PROVISIONS

1. All work performed on this project shall be done in an organized and safe manner in compliance with all Occupational Safety and Health Administration (OSHA) and other applicable safety regulations. The safety of all drivers, pedestrians and workers is of paramount importance. Therefore, prior to the commencement of work, a site safety plan shall be submitted for review outlining material storage / staging, barriers, safety measures, etc.
2. Safety provisions including, but not limited to, barricades, cones, fencing, etc. must be established and maintained at all times. All safety provisions are considered incidental to the contract.
3. The Contractor is responsible for notifying the appropriate authorities (Pennsylvania One Call 8-1-1, etc.) for utility location and marking **prior** to the start of construction.

K. SUMMARY OF WORK

1. Investigative Excavation

The Contractor shall be responsible for verifying utilities in the proposed installation areas. This will include exposing the existing utilities through investigative excavation and final restoration of these areas at the conclusion of the project.

2. Directional Drilling Water & Electrical Lines

The Contractor shall directional drill the 1.25" IPS DR-11 HDPE electrical conduits along with the 2" SIDR-9 200 PSI PE waterlines to each well as shown in the project drawings. The Contractor shall make all necessary connections as shown and described in the project drawings/Technical Specifications.

3. Wellhead Connections

The Contractor shall make all necessary water & electrical line connections at Well #4 & #5's wellhead. Refer to the project drawings/Technical Specifications for details.

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4. Well #4 Pump System

The Contractor shall install and pump and pipe related facilities in Well #4 in accordance with the project drawings/Technical Specifications.

5. Well #5 Pump System

The Contractor shall install and pump and pipe related facilities in Well #5 in accordance with the project drawings/Technical Specifications.

6. Electrical Controls

The Contractor shall connect & integrate new Well #4 & #5 to the existing control system.

7. Flow Control

The Contractor shall install a 30 gpm flow control in the existing raw water piping in WTP #301.

8. Disinfection, Pressure Testing & Start Up Sampling

Once the new treatment system is ready for start-up, the system will be properly pressure tested, disinfected, flushed, and sampled in accordance with the Technical Specifications.

9. Restoration & Seeding

The Contractor shall restore all disturbed sites per the project drawings/Technical Specifications.

10. Additional Contractor Responsibilities

The Contractor shall be responsible for payment, acquisition, storage, and installation of all material related to this project. The Contractor shall provide submittals of all material to be used for this project and receive approval from Moniteau School District (Owner) before acquisition. The Contractor will also be responsible for the disposal of any materials left over or created by the project.

The Contractor shall be responsible for location of all site utilities. Utilities that are not marked by a utility company during a one call are considered private and shall be the Contractor's responsibility to locate and verify.

The Contractor shall be responsible for restoration to all disturbed areas including grass, asphalt, or concrete.

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The Contractor shall survey all underground utilities installed as part of this project utilizing an instrument that will provide sub-foot horizontal accuracy. The data must be provided to the Engineer with a point file (.txt or .csv format) in Pennsylvania State Plane South Coordinates. Each point must be identifiable by label. In addition, the Contractor must provide a legible, marked up drawing set which will be used by the Engineer to create an as-built record drawing.

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