

**DIVISION 1 - GENERAL REQUIREMENTS
SECTION 01 10 00
PROJECT DESCRIPTION**

In general, the project involves: the relocation of City of La Crosse 16-inch Medary Force Main and 12-inch Water Transmission Main from the vacated Gillette ROW to the alignment shown on the Drawings. The Medary Lift Station must remain in operation during the duration of the Project. A temporary isolation and bypass system shall be furnished for the sewage force main. The Contractor shall furnish a Bypassing Plan to the Engineer and the City for review and approval prior to the beginning of construction.

Preliminary inquiries into suitable methods for bypassing have resulted in a potential vendor with the following contact information provided here for informational purposes:

Team Industrial Services
Brian Porter
Sr. Project Manager
Cell: (630)881-4162

The Contractor is in no way obligated to use the above listed contact.

The Water Transmission Main can be isolated from the water distribution system for a limited period of time to allow final connection of the relocated main to the existing Transmission Main. The Contractor shall coordinate with the City at such time the connection is made.

Dewatering is anticipated to be necessary. The water table elevation is variable on a short-term basis. Our best estimate of the likely water table elevation range is shown on the Drawings; however, the Contractor is responsible for verifying the actual conditions and designing the dewatering appropriately. The Contractor is responsible for providing all necessary licenses and permits, and pay all fees related to dewatering operations including energy costs. Dewatering shall be included in the base bid.

In order to maintain access to the Dairy Facility during construction, the abandoned portion of the Force Main and Water Transmission Water Main shall be abandoned in-place after all remaining sewage contained in the force main has been captured, the force main has been jetted clean and the jetting water has been captured, the force main has been drained, and temporarily caps installed on each end. All sewage and jet water shall be disposed of in accordance with all applicable laws and regulations. The water main shall be drained and temporarily capped. The four (4) temporary caps will be salvaged and returned to the Contractor at a later date when the abandoned mains are removed as part of the Southwest Dairy Expansion Project.

All other Work observably required by this Project but not included in the Project Description or Specifications shall be considered incidental to Contract and shall be included in the Bid.

PERMITS AND CODES

Provide all necessary licenses and permits and pay all fees, taxes, and royalties, unless otherwise indicated. Comply with local and municipal ordinances and applicable state and national codes.

COORDINATION

Contractor shall coordinate as necessary with the construction of utilities, curbs, sidewalks, and streets being performed under separate contracts to allow for the efficient completion of all work within the site.

NOTIFICATIONS

Notify Owner and Engineer two (2) working days prior to beginning the Work.

NIGHT, WEEKEND OR HOLIDAY WORK

Give written notice to Engineer whenever it is desired to perform work at night, or on a Saturday, Sunday, or holiday, or to vary period of hours during which work is carried on each day. If approved, such work

shall be subject to requirements furnished in writing by Engineer, and no extra compensation will be allowed.

SUBMITTALS

Submit items for review as listed below and as indicated in individual specification sections. Refer also to General Conditions for submittal requirements.

Submit preliminary construction schedule prior to or at preconstruction conference.

Materials covered by submittals shall not be used in the work unless they have been reviewed and bear the stamp and signature of Engineer.

SURVEYS, STAKING, LINE AND GRADE

Owner will provide primary survey reference points and line & grade staking as applicable indicated below.

Site grading will be marked at the clearing limits stakes, when located at the top of a cut slope. Hub will also be marked with a cut to the toe of slope. Toe of fill slopes will be marked.

Rough pavement grading will be marked at 100' stations with cut to finish grade.

Fine pavement grading will be marked at 100' stations with cut to subgrade.

Utilities will be staked.

Curb and gutter will be staked.

Notify Engineer a minimum of 3 working days in advance of required surveys and staking. Any additional staking or re-staking due to alteration or removal of stakes by construction activity shall be paid for by Contractor.

QUALITY CONTROL TESTING

The Owner shall arrange and pay for compaction testing as indicated in the specification. Contractor shall pay for retesting of failed tests.

CUTTING AND PATCHING

The Contractor shall include and be responsible for all cutting and patching necessary to install the work shown on the drawings. This includes saw cutting all adjacent pavements, removing to the nearest joint, replacing base materials, removing and replacing curb and gutter, replacing topsoil, restoring vegetation, replacing concrete and asphalt pavements where noted, and salvaging and replacing signage. This is not a complete list and there may other improvements affected by the work. All affected areas shall be restored to their original, or better, condition after installing the required improvement.

SANITATION

Furnish and maintain approved sanitary conveniences for use by workers. Sanitary facilities shall be properly secluded from public observations and their use shall be strictly enforced.

PROTECTION

Furnish and maintain proper barricades, fences, signal lights, warning signs, and watchmen as required to properly protect and safeguard the work, persons, animals, and property against injury.

CONSTRUCTION CLEANING

Keep work area free of accumulations of surplus materials, rubbish, and debris. Remove and dispose of incidental and spilled sewage in a prompt manner and dispose of in accordance with all applicable laws and regulations. Contractor shall have the means to deal with spills on site or available on short notice while performing work on the force main.

Pick-up materials and debris left on haul roads due to construction activities. Broom clean any soil materials left on public roadways.

MATERIALS AND EQUIPMENT

Provide new products, conditioned for the particular application as recommended by manufacturer, unless otherwise noted.

PUNCH LIST

A "punch list" will be prepared and distributed to Contractor at Substantial Completion. Items on punch list shall be completed within 30 days.

ALTERNATES

Furnish the additional cost for the following alternate materials:

American Ductile Iron Pipe "Fast Grip Gasket" or approved equal joint restraint for 16" Force Main per joint.

American Ductile Iron Pipe "Fast Grip Gasket" or approved equal joint restraint for 12" Transmission Water Main per joint.