



PART 1 - GENERAL

1.1 SCOPE

1.1.1 General:

It is the intent of these specifications is to provide the requirements for dewatering on the project.

1.1.1 Work Included

The Contractor shall, unless specified otherwise, furnish all labor, materials, equipment, tools, and all other associated appurtenances necessary to do the dewatering work required under the contract to include, but not limited to, dewatering the area around the pipe and structures, providing erosion control methods for the discharging water, obtaining necessary permits, and complying with all permit conditions. The Contractor shall also remove any surfaces as required; excavate the trenches and pits to the required dimensions; construct and maintain all required for traffic control; sheet, brace, and support the adjoining ground or structures where necessary; handle all drainage or ground water; provide barricades, guards, and warning lights; backfill; maintain all surfaces over the dewatering area until surface restoration; restore the surfaces unless otherwise stipulated by Charlotte County Utilities (CCU); remove surplus excavated material; and clean the site of the work.

1.1.2 Location of the Work

The location of this work is as shown on the Contract Documents.

1.1.3 Coordination of the Work

The contractor shall be responsible for the satisfactory coordination of the dewatering with other construction and activities in the area. Delays in work resulting from lack of such harmony shall not in any way be a cause for extra compensation by any of the parties.

1.1.4 Working Hours

The work shall be carried out in accordance with local ordinance and so as not to cause any unreasonable nuisance to affected residents. This includes the capture of water pumped from the site being dewatered. Under emergency conditions, this limitation may be waived by the consent of CCU.

1.2 METHOD OF MEASUREMENT & PAYMENT

The work shall be measured and the compensation determined in the following manner:

1.2.1 Dewatering shall be considered incidental to the project and no direct compensation will be made therefore.

1.3 REFERENCED STANDARDS (Latest Revision)

Not used

1.4 RELATED SECTIONS

001570 - Erosion and Sediment Control

002320 - Gravity Sewer Systems

002325 - Force Mains

002330 - Low Pressure Sewer Systems

002335 - Potable Water and Reclaimed Water Mains

002345 - Fire Hydrants

002530 - Submersible Sewage Pump Lift Station-Package Design

002540 - Submersible Sewage Pump Lift Station- Standard Design

Note: This is only a partial listing of related sections. The Contractor shall be responsible to review the entire contract documents.

1.5 SUBMITTALS

Prior to starting any construction, the Contractor shall submit a complete dewatering program for the entire project to CCU, if deemed necessary by the Engineer of Record (EOR), and to any other agencies with jurisdiction over dewatering, such as the Southwest Florida Water Management District (SWFWMD) for review and approval. No dewatering shall take place until the EOR and all agencies with jurisdiction over dewatering have approved the dewatering plan and all permits, if required, have been obtained by the Contractor from each appropriate agency. Special precautions shall be taken adjacent to structures so the dewatering does not create any structural damage. The review of the dewatering program by the EOR and the other regulatory agencies does not relieve the Contractor from the requirement that a dry trench must be provided at the time the utilities are constructed. Any claims for damages as a result of the dewatering operation shall be the responsibility of the Contractor.

PART 2 - PRODUCTS

Not used

PART 3 - EXECUTION

3.1 General Requirements

A high water table may exist in portions of the project or throughout the entire project area. This indicates that utility construction will have to be in a dewatered trench in those areas where a high water table exists.

The SWFWMD approval of the dewatering plan must be obtained prior to start of dewatering.

3.2 Permits

The Contractor shall be responsible for acquiring all dewatering permits from the SWFWMD prior to start of dewatering activities. The Contractor shall expect and allow ample time for approval through SWFWMD.

The Contractor shall be responsible for the preparation and the cost for obtaining all necessary permits to conduct the dewatering operations and for complying with all permit conditions for the duration of the project.

3.3 Discharges

Discharges from the dewatering systems shall be the responsibility of the Contractor and shall be in accordance with Section 104 of the current FDOT Standard Specifications for Road and Bridge Construction. If the discharge from the dewatering or pumping process is turbid or contains sediment-laden water, it shall be treated through the use of sediment traps, vegetative filter strips, flocculants, or other sediment reducing measures. Rates of discharge shall be controlled so no erosion takes place. Erosion control measures at the discharge points shall be provided by the Contractor and are subject to the review and approval of CCU.

3.4 Water Quality

Water discharged through the dewatering process may have to be analyzed by an independent certified laboratory retained by the Contractor at no charge to CCU and shall meet the water quality requirements of regulating agencies. If the water quality requirements of the regulating agencies are not met, the Contractor shall provide the water treatment necessary to meet the water quality requirements at no charge to CCU.

END OF SECTION