

SECTION 01 10 0

SUMMARY

PART 1 GENERAL

1.01 PROJECT

- A. Project Name: North Union Road Bridge Embankment Repairs
- B. Owner's Name: Town of Union
- C. Engineer's Name: Landmark Corporation Surveyors & Engineers

1.02 PROJECT DESCRIPTION

The Work is embankment erosion repair, drainage swale construction and guardrail replacement at the North Union Road bridge (#5589) over the Pettengill Stream, near the intersection of Guinea Ridge Road with North Union Road in Union, Maine. The project includes, but is not limited to the following list as depicted on the Bridge Embankment Repair Plan and Details, Sheet 1 and 2, prepared by Landmark Corporation Surveyors & Engineers, dated October 14, 2015. The contractor is responsible for executing all work in the Plans and Bid Documents, not necessarily in the order presented below:

A. Scope of Work

1. Demolition and removals, including clear and grub swales and access, excavation, and guardrail removal.
2. Traffic control and safety during the project including flaggers and temporary safety barriers.
3. Excavate approximately 175 linear feet of erosion channels and fill with riprap protection.
4. Regrade approximately 190 linear feet of existing drainage swales and line with riprap protection.
5. Construct a new approximately 50 linear feet drainage diversion ditch and level spreader and line with riprap protection.
6. Regrade eroded road shoulders and provide approximately 150 linear feet of riprap protection for shoulder edge.
7. Install stone erosion protection around undermined end of bridge foundation.
8. Install approximately 375 linear feet of new steel guardrail.
9. Install seed and mulch on disturbed areas.

B. Schedule

1. Mandatory Pre-Bid Conference at 10:00 AM on Wednesday, April 20, 2016.
2. Clarification Requests due by 5:00 PM on Friday, April 22, 2016.
3. Bids due at 2:00 PM on Thursday, April 28, 2016.
4. Anticipated contract award on May 13, 2016.
5. Pre-Construction Meeting in May 19, 2016.
6. Start construction no earlier than May 23, 2016, and no later than September 12, 2016. Work shall be completed within four (4) weeks from start to finish.
7. Complete project by September 30, 2016.

1.03 CONTRACT DESCRIPTION

- A. Contract Type: A single prime contract based on a Stipulated Price (EJCDC Suggested Form of Agreement C-520)

1.04 OWNER OCCUPANCY

- A. The Town of Union requires that North Union Road remain passable to vehicle traffic during construction. One lane must remain open at all times. The Contractor is responsible to provide traffic flaggers and maintain traffic.
- B. Coordinate guardrail removal such that sections are removed only during periods of traffic control with flaggers. During periods of no traffic control, such as overnight, removed sections of guardrail should be either reinstalled or temporary protection installed such as jersey barriers to maintain vehicle and pedestrian safety.
- C. Work performed on private property not within the Town road right-of-way shall be coordinated via access and drainage easements and agreements with the land owners and the Town of Union. Work performed on private property shall be coordinated with the Town of Union.

1.05 CONTRACTOR USE OF SITE AND PREMISES

- A. Arrange use of site and premises to allow:
 - 1. Passage of vehicular and pedestrian traffic on North Union Road.
 - 2. Passage of vehicular and pedestrian traffic to driveways and private property.
 - 3. Work by Town of Union.
- B. Provide access to and from site as required by law and by the Town of Union:
 - 1. Do not obstruct existing roadways or driveways without first coordinating with the Owner.
- C. Utility Outages and Shutdown:
 - 1. No utility outages are anticipated, required, or allowed on this project.
 - 2. Prevent accidental disruption of utility services to other facilities.
- D. Property Usage and Damage:
 - 1. Storage and stockpiling of material and equipment must remain within the Town road right-of-way or offsite at a pre-approved location.
 - 2. Damage to Town or private property, including but not limited to pavement, structures or vegetation shall be repaired by the Contractor at the Contractor's expense prior to the date of completion and final payment.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

- END OF SECTION -