

ITEM 08209.0103 M - TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

DESCRIPTION:

This work shall consist of designing and implementing a Temporary Erosion and Sediment Control Plan, [the PLAN], which shall be submitted to the Engineer for review and approval. The Contractor is required to update the PLAN as required, with ancillary written addendum report describing any and all PLAN updates, for the duration of the construction operations. The purpose of the PLAN is to address actual field conditions not foreseen during the design process or not otherwise included in the Department's erosion and sediment control plans, details and specifications.

The provisions of NYSDOT Standard Specifications Section 107-12 and Section 209-1 shall apply accordingly and shall be amended to require that the PLAN be produced and updated by the Contractor.

MATERIALS:

Not Applicable.

CONSTRUCTION DETAILS:

The Contractor shall engage a N.Y.S. Licensed Engineer or a Firm, competent in the design of Temporary Erosion and Sediment Control Plans. For the purpose of this item, engagement by the Contractor of a N.Y.S. Licensed Engineer or a Firm competent in the design of erosion and sediment control is considered a "Service" as defined by Specifications 109-05 B, 2, c.

At the preconstruction conference the Contractor shall submit the PLAN for approval by the Engineer. The Department will have 10 work days to review the PLAN. The Contractor shall revise the PLAN to incorporate any comments and resubmit the PLAN for approval. Any work requiring erosion and sediment controls cannot begin until the PLAN is approved. The PLAN shall be updated monthly or when the actual work activities do not reflect the work activities in the PLAN. Any change to the PLAN must be approved by the Engineer prior to implementation of changes within a stage and prior to the start of subsequent stages, phases or portions of work.

The PLAN is intended to supplement the Department's erosion and sediment control plan for the project which has been designed and incorporated into the Contract Documents based upon certain basic assumptions regarding the progress of the work. The Department's erosion and sediment control plan can be used to assist in the development of the PLAN. The PLAN shall detail the necessary erosion and sediment control measures for every construction stage and type of work. This includes, but is not limited to clearing, grubbing, drainage, staging areas, earthwork, stream diversions, grading, haul roads, stream crossings, bridge work, stockpiles, and borrow pits. The PLAN shall reflect the manner in which the Contractor intends to proceed with the work and the required erosion and sediment control measures, directly correlated to the Project Schedule.

The PLAN shall be designed to reflect that construction activities are limited such that no more than the amount of unprotected earth material, indicated elsewhere in the contract documents, is

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exposed at any one time, without adequate erosion control measures in place including clearing and grubbing within or adjacent to the right- of- way. Perimeter sediment control measures alone are not considered adequate protection.

The Professional or Firm shall visit the site weekly, and prior to all significant forecasted precipitation event(s), rainfall event of 12.7mm or greater. After visiting the site at the preceding intervals, the Professional or Firm shall make recommendations, if necessary, that address any required modifications, adaptations or remediations needed regarding the performance and maintenance of the PLAN. Site visitations by the Professional or Firm will be required prior to and during critical operations which have the potential for erosion and sedimentation exposures, such as stage transitions or implementation of subsequent phases of the Plan.

Liquidated damages will be assessed at the amount shown in Table 108-1 for each calendar day during which there are substantial deficiencies in the compliance with this specification's requirements as determined by the Engineer.

METHOD OF MEASUREMENT:

This work will be made on a lump sum basis. For the purposes of estimating, see the Special Notes Section of the Proposal related to the anticipated effort associated with this item.

BASIS OF PAYMENT:

The lump sum price bid for Temporary Erosion and Sediment Control Plan shall include but not limited to all equipment, materials, and labor and/or all costs associated in engaging a N.Y.S. Licensed Engineer or Firm, development and updating the Plan, site visitations, reports and recommendations.

Twenty-Five percent (25%) of the lump sum item will be paid upon Department approval of the Plan. The remaining seventy-five percent (75%) will be apportioned thereafter by the Engineer for monthly increment payment over the remaining defined duration of the Contract.