

ITEM 08209.0101 M - EROSION AND SEDIMENT CONTROL PLAN AND CONTROL MEASURES (New York City Watershed)

DESCRIPTION:

Section 107-12 ~~SOIL EROSION~~Soil Erosion, ~~WATER AND AIR POLLUTION ABATEMENT~~Water and Air Pollution Abatement is hereby amended to require the contractor to design a soil erosion and ~~water pollution~~sediment control ~~abatement~~ plan, (the PLAN), and 2) ~~a~~. As indicated in this specification. All other provisions of Section 107-12 still apply.

The purpose of the PLAN is to provide a comprehensive document to assure that adequate design, planning, scheduling, coordination, review, and ~~implementation~~installation of the ~~pollution~~erosion and ~~sediment~~ control measures ~~required for the contractor's day to day construction activities are provided.~~

The PLAN is in addition to the soil erosion and pollution controls shown in the contract. The controls shown on the contract plans are considered the 'perimeter' and 'final' controls only. ~~which address actual field conditions not foreseen during the design process, or not otherwise addressed in the Department's Erosion Control Plan is provided.~~

MATERIALS:

None.

CONSTRUCTION DETAILS:

Materials required for this work include but are not limited to:

- 209 Items
- 612 Items
- 553 Items
- Others as approved by the Engineer

CONSTRUCTION DETAILS:

The contractor shall engage a Professional Engineer, ~~or Registered Landscape Architect~~ ~~or Certified Professional~~, who specializes in Erosion and Sediment Control, to design the PLAN which follows ~~his~~the contractor's construction staging and daily work activities. The PLAN shall detail the necessary ~~pollution~~erosion and sediment control measures for every construction stage and type of work. This includes but is not limited to clearing and grubbing, drainage, earthwork, ~~stream diversions~~, grading, haul roads, stream crossings, bridge work, stockpiles, and borrow pits. The PLAN shall accurately reflect the manner in which the contractor intends to proceed with the work and the required ~~pollution controls.~~ Item numbers and quantities for the ~~pollution controls shall be indicated on the PLAN.~~ The drawings contained in the contract ~~erosion and sediment control measures.~~ The Department's Erosion Control Plan can be used to ~~develop the PLAN.~~

assist in the development of the PLAN.

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The PLAN shall be designed to reflect that construction activities are limited such that no more than 10,000m² of unprotected earth material is exposed at any one time, without adequate erosion control measures in place during clearing and grubbing, excavation, and borrow or fill operations within or outside the right of way. Perimeter sediment control measures alone are not considered adequate protection. After the work begins, the Regional Landscape Architect (RLA) in consultation with the Engineer-in-Charge and the Regional Construction Environmental Contact (RCEC) may increase or decrease the area of unprotected earth as determined by their analysis of site conditions. The next monthly update of the PLAN shall use this amount of unprotected earth.

At the preconstruction conference meeting the contractor shall submit the PLAN for approval by the Regional Landscape Architect RLA and the RCEC. The contractor shall revise the PLAN to incorporate any comments and resubmit the PLAN for approval. The Regional Landscape Architect RLA and RCEC will have 104 working days to review the PLAN. No work shall begin until the PLAN is approved by the Regional Landscape Architect. 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 Regional Landscape Architect both the RLA and RCEC prior to the start of work.-

~~The PLAN shall be designed to reflect that construction activities are limited such that no more~~

~~than 10,000m² of unprotected earth material is exposed at any one time during clearing and grubbing, excavation, and borrow or fill operations within or outside the right of way.~~

METHOD OF MEASUREMENT:

This work ~~for producing a Temporary Soil and Water Pollution Control Plan~~ will be measured on a lump sum basis.-

BASIS OF PAYMENT:

The ~~lump sum price amount~~ set forth in the Proposal is ~~the Minimum Pa~~ a fixed price lump sum for all bidders, refer to Section 102-03.-

~~Payment shall be made as follows:~~

~~A. Approval of the original PLAN - 25% ———~~

~~B. The balance will be paid in equal monthly payments distributed over the contract life. These ——— and shall not be changed. The fixed lump sum amount will be considered the price bid even though payment will be made only for the actual work performed. The following methods will be used for payment:~~

Contract Bid Items. Where contract bid items cover the work, the amount shall be obtained by the product of the quantity and the unit bid price of the items.

Agreed Unit Prices. Where no contract bid items are available, the amount shall be obtained by the product of the item quantities and the agreed unit prices.

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Force Account. The amount shall be obtained by force account records when bid prices do not exist and agreed prices are not available.

The lump sum amount for this work shall include the cost of producing the PLAN, furnishing all materials, labor, and equipment necessary to complete the work. Monthly payments will be contingent on the submission of acceptable updates.

Payment for the actual control measures indicated on the PLAN will be made under the appropriate contract pay item. Additional quantities have been included in the contract in anticipation of control measures contained in the PLAN.

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made for this work, based on the amount of work performed during that period.

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--- This Revision List ---

Location is Old Page:Old Paragraph New Page:New Paragraph
Paragraph numbers shown as zero refer to the part of a paragraph that is carried over from the previous page. The {Hrt/Hpg/Tab/Spc} codes are generic symbols which refer to categories of end-of-line, tab/indent, or space codes.

- replaced by a version dated 5/29/2001
- 1:1 1:1 Delete {Bld}{Hrt}{Bld}
 - 1:2 1:2 Change SOIL EROSION -To- Soil Erosion
 - 1:2 1:2 Delete WATER AND AIR POLLUTION A...
 - 1:2 1:2 Insert Water and Air Pollution A...
 - 1:2 1:2 Change) r -To- . R
 - 1:2 1:2 Change a soil -To- an
 - 1:2 1:2 Change water pollution -To- sediment
 - 1:2 1:2 Delete abatement
 - 1:2 1:2 Change , -To- (
 - 1:2 1:2 Insert),
 - 1:2 1:2 Change) a -To- . A
 - 1:2 1:2 Insert {Spc}
 - 1:2 1:2 Change ti -To- ha
 - 1:2 1:2 Delete {Spc}
 - 1:3 1:3 Insert ,
 - 1:3 1:3 Change implementation -To- installation
 - 1:3 1:3 Change pollution -To- erosion and sediment
 - 1:3 1:3 Delete required for the contract...
 - 1:3 1:3 Insert which address actual fiel...
 - 1:6 1:5 Delete None.{Hrt}{Und}{Hrt}{Bld}CONSTRUCTION DE...
 - 1:6 1:5 Insert Materials required for th...
 - 1:8 1:11 Change , -To- or
 - 1:8 1:11 Delete or Certified Professiona...
 - 1:8 1:11 Insert , who specializes
 - 1:8 1:11 Change E -To- e
 - 1:8 1:11 Change S -To- s
 - 1:8 1:11 Change C -To- c
 - 1:8 1:11 Insert ,
 - 1:8 1:11 Change his -To- the contractor's
 - 1:8 1:11 Change pollution -To- erosion and sediment
 - 1:8 1:11 Delete {Spc}
 - 1:8 1:11 Delete {Spc}
 - 1:8 1:11 Insert , stream diversions
 - 1:8 1:11 Insert ,
 - 1:8 1:11 Delete pollution controls. Item...
 - 1:8 1:11 Insert erosion and sediment cont...
 - 1:8 1:11 Delete develop the PLAN. {Hrt}{Hrt}{Bld}{Bld}
 - 1:8 1:11 Insert assist in the development...
 - 1:9 1:13 Change conference -To- meeting

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- 1:9 1:13 Insert the PLAN
- 1:9 1:13 Delete Regional Landscape Archit...
- 1:9 1:13 Insert RLA and
- 1:9 1:13 Change PLAN -To- RCEC
- 1:9 1:13 Delete {Spc}
- 1:9 1:13 Delete Regional Landscape Archit...
- 1:9 1:13 Insert RLA and RCEC
- 1:9 1:13 Change 0 -To- 4
- 1:9 1:13 Delete by the Regional Landscap...
- 1:9 2:0 Delete Regional Landscape Archit...
- 1:9 2:0 Insert both the RLA and RCEC
- 1:9 2:0 Delete {Hrt}{Hrt}The PLAN shall be des...
- 1:9 2:0 Insert {Hrt}
- 2:3 2:2 Delete for producing a Temporary...
- 2:3 2:2 Delete {Spc}
- 2:3 2:2 Delete {Und}
- 2:4 2:3 Insert {Und}
- 2:5 2:4 Change lump sum price -To- amount
- 2:5 2:4 Change the Minimum P -To- a fixed p
- 2:5 2:4 Insert lump sum
- 2:5 2:4 Delete , refer to Section 102-03...
- 2:5 2:4 Insert and shall not be changed...
- 2:8 2:8 Delete contingent on the submiss...
- 2:8 2:8 Insert made for this work, based...

This
Specification
has been
replaced by a version
dated
5/29/2001