

ADDENDUM NO. 1

SANITARY SEWER IMPROVEMENTS

**Naugatuck, Connecticut
Contract No. FY24-B062**

January 9, 2024

The following information, whether offered as supplemental or for clarification purposes, hereby becomes part of the bid and contract documents for the above-referenced project.

Inclusion of this Addendum must be acknowledged by inserting its number and date on page BF-1 of the Proposal / Bid Form. Failure to acknowledge any and all addenda in the above specified bid form may be cause for rejection of a bid by the Owner on the grounds that it is not responsive. This Addendum consists of two (2) pages and two (2) attachments.

****SPECIFICATIONS****

ITEM 1-1: BID SCHEDULE

REPLACE the bid form with **Attachment 1**.

ITEM 1-2: SECTION 01150 MEASUREMENT AND PAYMENT

REPLACE Section 01150 with **Attachment 2**.

****QUESTIONS AND ANSWERS****

Q1-1. Are the segments in the Sanitary Sewer Line Rehabilitation table on GEN-03 being lined or just CCTV inspected? Measurement and Payment states that this item is to include cleaning and CCTV of each segment not performed during investigative CCTV, but we need written authorization before using the CCTV Item. Can you please provide further explanation for the intentions of Items 3-7 and provide a more definitive scope of work?

A1-1 *Lines listed under table Sanitary Sewer Line Rehabilitation are to be CCTV inspected. Findings of inspection will determine extent of CIPP lining.*

Q1-2. Will the town provide water for cleaning and construction purposes?

A1-2 *Please contact Connecticut Water for cost and access to water.*

Q1-3. Will the town provide a laydown yard for the duration of the project?

A1-3 *The Borough will work with the Contractor to find a suitable laydown area.*

Q1-4. Please verify the quantities for Item 11 Cementitious Lining. Tables on Plans show 123 VF on 13 MH's and item is listed for 200 VF. Also, is it your intention to apply 1" of cement in ½" installations per VF?

A1-4 *200 VF is an estimated quantity. Actual payment shall be per vertical foot completed per Section 01150. Application shall be per Section 02770 and detail on DT-02. Payment shall be per completed VF, not per ½" layer installed.*

Q1-5. Please verify the quantities for Item 12 Seal Manhole Risers. Tables on plans show 18 EA and item is only listed for 5 EA.

A1-5 *See Item 1-1 for revised bid form.*

Q1-6. Who is responsible for locating and excavating the buried manholes?

A1-6 *Per Section 01150, Paragraph 1.2, the Contractor shall locate and uncover buried manholes and raise to grade.*

Q1-7. The specification calls for lateral grouting with acrylamide grout where infiltration is observed. Is this needed? If so, can the Borough add another bid line item for the grouting of the laterals?

A1-7 *See Items 1-1 and 1-2 for revised bid form and Measurement and Payment specification.*

ATTACHMENT 1 - REVISED BID FORM

REVISION 1 PER ADDENDUM 1

**PROPOSAL FORM - BID SCHEDULE
SANITARY SEWER IMPROVEMENTS
PROJECT NO. FY 23-B062
BOROUGH OF NAUGATUCK, CONNECTICUT**

BIDDER'S NAME: _____

ITEM	EST. QTY.	UNITS	DESCRIPTION AND WRITTEN UNIT PRICE	UNIT PRICE	AMOUNT
1	1	L.S.	EROSION AND SEDIMENT CONTROL		
			_____ dollars and _____ cents per lump sum	\$	\$
2	5	C.Y.	*EXPLORATORY EXCAVATION (TEST PITS)		
			_____ dollars and _____ cents per cubic yard	\$	\$
3	1,000	L.F.	*INVESTIGATIVE CCTV SANITARY SEWER INSPECTION (AS DIRECTED)		
			_____ dollars and _____ cents per linear foot	\$	\$
4	275	L.F.	*CURED-IN-PLACE PIPE LINING (6-INCH SANITARY SEWER)		
			_____ dollars and _____ cents per linear foot	\$	\$
5	1,000	L.F.	*CURED-IN-PLACE PIPE LINING (8-INCH SANITARY SEWER)		
			_____ dollars and _____ cents per linear foot	\$	\$
6	1000	L.F.	*CURED-IN-PLACE PIPE LINING (10-INCH SANITARY SEWER)		
			_____ dollars and _____ cents per linear foot	\$	\$
7	275	L.F.	*CURED-IN-PLACE PIPE LINING (12-INCH SANITARY SEWER)		
			_____ dollars and _____ cents per linear foot	\$	\$

ITEM	EST. QTY.	UNITS	DESCRIPTION AND WRITTEN UNIT PRICE	UNIT PRICE	AMOUNT
8	50	L.F.	*SANITARY SEWER EXCAVATED POINT REPAIR (AS DIRECTED)		
			_____ dollars and _____ cents per linear foot	\$	\$
9	300	L.F.	*HEAVY CLEANING OF SANITARY SEWER LINES 6"-15" (AS DIRECTED)		
			_____ dollars and _____ cents per linear foot	\$	\$
10	7	EA.	REPLACE MANHOLE FRAME AND COVER (SANITARY SEWER)		
			_____ dollars and _____ cents per each	\$	\$
11	25	EA.	SERVICE LATERAL CONNECTION GROUT SEAL (AS DIRECTED)		
			_____ dollars and _____ cents per each	\$	\$
12	200	V.F.	CEMENTITIOUS LINING OF MANHOLE CORBEL, WALLS, & BASE		
			_____ dollars and _____ cents per vertical foot	\$	\$
13	18	EA.	SEAL MANHOLE CHIMNEY		
			_____ dollars and _____ cents per each	\$	\$
14	2	EA.	REBUILD MANHOLE RISER		
			_____ dollars and _____ cents per each	\$	\$
15	1	EA.	REPAIR OR REBUILD MANHOLE BRICK TABLE & INVERTS		
			_____ dollars and _____ cents per each	\$	\$

ITEM	EST. QTY.	UNITS	DESCRIPTION AND WRITTEN UNIT PRICE	UNIT PRICE	AMOUNT
16	1	ALL.	RAISE MANHOLE TO GRADE		
			THIRTY THOUSAND DOLLARS AND NO CENTS ALLOWANCE	\$ 30,000.00	\$ 30,000.00
17	10	TN	*ADDITIONAL PERMANENT PAVEMENT REPAIR (AS DIRECTED)		
			_____ dollars and _____ cents per square yards	\$	\$
18	250	C.Y.	*GRAVEL BORROW (AS DIRECTED)		
			_____ dollars and _____ cents per cubic yard	\$	\$
19	10	C.Y.	*REMOVAL OF UNSUITABLE MATERIAL BELOW BEDDING (AS DIRECTED)		
			_____ dollars and _____ cents per cubic yard	\$	\$
20	1	L.S.	MOBILIZATION & DEMOBILIZATION		
			_____ dollars and _____ cents per lump sum	\$	\$
21	1	L.S.	MAINTENANCE & PROTECTION OF TRAFFIC		
			_____ dollars and _____ cents per lump sum	\$	\$
22	1	ALL.	UNIFORMED POLICE FOR TRAFFIC CONTROL (BOROUGH POLICE)		
			TWENTY FIVE THOUSAND DOLLARS AND NO CENTS	\$25,000.00	\$25,000.00
			PROJECT TOTAL (in words)		
			_____ dollars and _____ cents	\$	\$

*Quantities are estimated for comparison of bids only. Quantities are not guaranteed. Payment will be based on actual quantities installed / constructed and approved by the Engineer.

ATTACHMENT 2 - REVISED SECTION 01150

SECTION 01150

MEASUREMENT AND PAYMENT

REVISION 1 PER ADDENDUM 1

PART 1 - GENERAL

1.1 SUMMARY

- A. Under the price specified to be paid for each item, the Contractor shall furnish all materials and equipment, furnish all labor, and plant, and perform all operations to complete all work as indicated and specified. Provide all supervision, overhead items, protection and precautions, and all other costs, incidental to the construction work, complete, and as specified, are also included.
- B. A complete, finished, working job, as intended by the general nature of these Specifications, shall be produced whether or not any particular wording or direction is omitted or inadvertently not clearly stated.
- C. Measurement for payment shall be by the Engineer, except where noted elsewhere in this specification. Measurement for payment for lump sum items shall be on the basis of percentage of work complete.
- D. Each unit or lump sum price stated in the Bid shall constitute full compensation as herein specified for each item of work completed in accordance with the Drawings and Specifications.
- E. The prices for those items that involve excavation shall include compensation for clearing and grubbing, excavation, backfill, compaction, dust control, excavation support systems, dewatering, stockpiling, removal of excess material, and restoration of disturbed areas.
- F. The prices for all pipe items shall constitute full compensation for pipe, stone bedding, laying, jointing, and testing of pipe, trench excavation, providing supplemental gravel, backfilling using gravel borrow, compaction, providing impervious membranes to protect trench and stockpiles, turf establishment and clean up.
- G. In all items involving excavation, the price shall be based on doing the entire excavation in earth. Where rock is excavated, the price thereof shall be in addition to the cost of excavating earth, and no deduction will be made in the amount for earth excavation.
- H. Landscaping and reestablishment of vegetated areas shall not be measured separately for payment but shall be included in the general cost of the contract and the various items of work.

- I. Clearing and grubbing shall not be measured separately for payment, but shall be included in the general cost of the contract and the various items of work.
- J. Unit prices submitted for various items of work will be utilized for determining prices of any additional work necessary during construction.
- K. If such alterations increase the quantity of work, such increase will be paid for according to the quantity of such extra work actually done and at the prices stipulated for such work under unit price Items of the Contract. In case no unit price is applicable, the alterations will be paid for as extra work defined in Article XXVIII of the Contract.

1.2 ITEM DESCRIPTIONS

Item 1, Erosion and Sedimentation Control

- 1. Under the lump sum price bid, the Contractor shall furnish all plant, labor, equipment, appurtenances, and materials to control soil erosion and sedimentation as specified. The lump sum price shall include, but not be limited to full compensation for all labor, equipment and services involved in furnishing, maintaining, and removing all systems as shown on the plans or as directed by the Engineer.
- 2. Measurement for payment shall be on the basis of percentage of work completed as measured by the Engineer.

Item 2, Exploratory Excavation (Test Pits)

- 1. Under the unit price bid, the Contractor shall furnish all plant, labor, equipment, appurtenances, and materials to excavate and backfill as shown and as directed to locate pipe, utilities, and possible obstructions.
- 2. The complete construction also includes saw-cutting pavement, clearing and grubbing, excavation, backfill using excavated materials and gravel as indicated, compaction, dewatering, temporary excavation support systems, digging test pits, coordination with utility companies, protection of utilities, temporary pavement repairs, removing unsuitable and excess material from the job, restoration of disturbed areas, clean up and all other appurtenant materials and work incidental thereto and not specifically included for payment under other items.
- 2. Measurement for payment will be based on the actual cubic yards of material excavated, as approved by the Engineer prior to the work.

Item 3 Investigative CCTV Sanitary Sewer Inspection (As Directed)

1. Under the unit price bid, the Contractor shall furnish and perform closed-circuit television survey 6-inch to 12-inch diameter sanitary sewer pipe as specified on the plans and as directed by the Engineer. The unit price includes pre-cleaning (up to three passes), NASCCO PACP inspections, and submittal of inspection findings. If additional cleaning is necessary and approved by the Engineer, this will be paid for under Item 9. All observations and pipe defects will be recorded in an electronic database in NASCCO PACP format with report, digital pictures, and digital movie clips for each line segment. All digital recordings and logs shall be provided to the Engineer upon completion of the work for review and analysis of rehabilitation.
2. Measurement for this item shall be based on the actual length of sewer pipeline cleaned and CCTV'd from centerline of manhole to centerline of manhole. Verification of adequate cleaning shall be made by CCTV inspection.
3. Measurement for payment will be by the linear foot of pipe inspected as measured by the Engineer along the horizontal projection of the centerline of the inspected pipe.
4. Special Note: This item is exclusive of pre-CCTV in Items 4 through 7.
5. Contractor shall require written authorization from the Engineer (or Resident Project Representative) prior to using these items.

Item 4, Cured-in-Place Pipe Lining 6-inch Sanitary Sewer

Item 5, Cured-in-Place Pipe Lining 8-inch Sanitary Sewer

Item 6, Cured-in-Place Pipe Lining 10-inch Sanitary Sewer

Item 7, Cured-in-Place Pipe Lining 12-inch Sanitary Sewer

6. Under the unit price bid, the Contractor shall furnish and install structural CIPP lining as specified on the plans or as directed by the Engineer. The unit price includes pre-cleaning (up to three passes) and CCTV of each pipe not performed during investigative CCTV inspections, bypassing and maintaining existing flows, cutting of all protruding service connections, dewatering, using a tapered liner if required, hydrophilic water stops, ~~grout-sealing laterals~~, reinstating service connections, pre and post rehabilitation cleaning and NASCCO PACP inspections of rehabilitated pipe, sample testing and acceptance, and dewatering, complete.

7. All observations and pipe defects will be recorded in an electronic database in NASSCO PACP format with report, digital pictures and digital movie clips for each line segment. All digital recordings and logs shall be provided to the Owner upon completion of the project.
8. Measurement for payment will be by the liner foot of pipe lined as measured by the Engineer along the horizontal projection of the centerline of the lined pipe.
9. Cured-In-Place Pipe lining installed but not successfully tested and accepted shall be paid for at a maximum of 95 percent of the unit prices bid under this item. The remaining 5 percent shall be paid upon receipt of successful test results by the Engineer. All reductions in payment due to unsuccessful testing shall be made prior to normal retainage.

Item 8, Sanitary Sewer Excavated Point Repair (As Directed)

1. Under the unit price bid, the Contractor shall furnish and install PVC pipe and fittings of less than or equal to 15-inch diameter, and no deeper than 15 feet, in locations and lengths not shown on the plans but as directed by the Engineer. The unit price will constitute full compensation for constructing the pipe complete; including installing pipe and fittings, making connections to existing pipe and structures, making connections to lateral services, maintaining existing flows, completion of successful testing of completed sewer, removal and disposal and/or abandonment of existing pipe, fittings, and structures within and outside of trench limits and as indicated.
2. The complete construction also includes but is not limited to permanent pavement replacement, clearing and grubbing, tree removal, excavation, backfill using approved excavated material supplemented with gravel borrow as indicated, stone bedding, geotextile filter fabric, compaction, dewatering, temporary excavation support systems, test pits, protection of utilities, repair and/or relocation of any utility lines broken and/or conflicting with construction, removing unsuitable and excess material from the job, restoration of disturbed areas, plantings, clean up and all other appurtenant materials and work incidental thereto and not specifically included for payment under other items.
3. The complete construction also includes temporary pavement, replacement of disturbed curbing, sidewalks, and driveways to match existing, and replacement of pavement markings as shown on the plans and as directed by the Engineer.
1. Measurement for payment will be by the linear foot of pipe installed as measured by the Engineer along the horizontal projection of the centerline of the newly installed pipe. Contractor shall require written au

thorization from the Engineer (or Resident Project Representative) prior to using this item.

Item 9, Heavy Cleaning of Sanitary Sewer Lines 6” – 15” (As Directed)

2. Payment for heavy cleaning (defined as four or more jetter passes and/or the use of mechanical cleaning equipment) shall be based on the unit price bid for this item in the proposal.
3. Included in the unit price bid for this item, the Contractor shall furnish all labor, materials, tools, equipment, and incidentals associated with the heavy cleaning necessary as indicated by CCTV inspection or as directed by the Engineer, in accordance with the Specifications. The digital video recordings and digital data logs, by-pass pumping, plugging or blocking of flow, mechanical root removal, grease removal, and the storage and proper disposal of any material retrieved from sewer cleaning shall be considered part of the work and shall not be considered for separate payment. All digital recordings and logs shall be provided to the Owner upon completion of the project.
4. CCTV inspection and light pipeline cleaning (three or less jetter passes) shall be considered incidental to the cured-in-place pipeline installation, and therefore, shall not be paid for under this unit price bid item.
5. Measurement for this item shall be based on the actual length of sewer pipeline cleaned from centerline of manhole to centerline of manhole. Verification of adequate cleaning shall be made by CCTV inspection.
6. Contractor shall require written authorization from the Engineer (or Resident Project Representative) prior to using this item.

Item 10, Replace Manhole Frame and Cover

1. Under the unit price bid, the Contractor shall furnish and install frames and covers of types specified on plans and specifications. The unit price bid will constitute full compensation for furnishing new structures and disposing of existing structures; setting frame and cover in bituminous concrete as needed; manhole cover gaskets; clean up; replacing deteriorated bricks beneath the frame and adjusting and raising frames to grade using a maximum of four (4) courses of brick, anything further will constitute a rebuilt riser.

The complete construction also includes but is not limited to permanent pavement replacement, excavation, backfill using approved excavated material supplemented with gravel borrow as indicated, stone bedding, geotextile filter fabric where specified, compaction, dewatering,

temporary excavation support systems, protection of utilities, repair and/or relocation of any utility lines broken and/or conflicting with construction, removing unsuitable and excess material from the job, restoration of disturbed areas, plantings, clean up and all other appurtenant materials and work incidental thereto and not specifically included for payment under other items.

The complete construction also includes temporary pavement as directed by the Engineer, replacement of disturbed curbing, sidewalks, and driveways to match existing, and replacement of pavement markings to match existing.

2. Measurement for payment will be for each frame and cover installed.

Item 11, Service Lateral Connection Grout Seal (As Directed)

1. Under the unit price bid, the Contractor shall furnish and install lateral grout sealing as directed by the Engineer. This work shall include pre-cleaning each pipe and lateral, bypassing and maintaining existing flows, reinstating the service connection, pre and post rehabilitation cleaning, TV inspection of the pipe and laterals, and dewatering, complete, as specified.
2. Measurement and payment will be for each lateral connection grout and sealed as directed by the Engineer.

Item 12, Cementitious Lining of Manhole Corbel, Walls & Base

1. Payment for the Cementitious Lining of a Manhole shall be based on the unit price bid for this item in the proposal. Under the unit price for this item, the Contractor shall furnish all labor, materials, tools, equipment, and incidentals required to perform structural manhole rehabilitation, complete, as shown on the Contract Drawings, as specified and/or at the direction of the Engineer.
2. The complete construction also includes bypassing and maintaining existing flows, acrylamide grout sealing or plugging of active leaks and patching.
3. The work includes, but is not limited to the following: providing access and subsequent restoration for the rehabilitation operation; pre-and post-rehabilitation CCTV, photos and other assessment; removal and legal disposal of manhole rungs as needed to perform the cementitious lining work; prepare surfaces for rehabilitation in accordance with manufacturers instruction including cleaning, scrubbing, power washing, sand blasting, grouting, spot repair, elimination of infiltration sources, and all other surface preparation; protection of pipe and

structure components to remain un-rehabilitated; performing manhole interior sealing to eliminate all leaks; performing repairs to the brick channels and benches as may be identified during the assessment; performing cementitious coating to all interior manhole surfaces from the bench to the bottom of the frame, including around pipe connections; local flow handling not included elsewhere and as required to complete the work; and performing visual testing, exfiltration testing and adherence testing as specified.

4. Additional manhole repair work, including, raising manholes to grade, manhole chimney sealing; retrofitting underdrain manholes and modifying internal drop manholes shall be paid for under other unit price bid items specified elsewhere in this Specification.
5. Measurement for payment for this item shall be the vertical distance as measured from the manhole bench at the wall to underside of the manhole frame, for each manhole lined and successfully tested, as measured by the Engineer.

Item 13, Seal Manhole Riser

1. Under the unit price bid, the Contractor shall furnish and install specified sealant in manhole risers as indicated and as directed. The unit price bid will constitute full compensation for all labor, equipment and materials necessary to prepare surfaces and install sealing materials. The complete construction includes maintaining existing flows.
2. Measurement for payment will be for each manhole with sealant installed.

Item 14, Rebuild Manhole Risers

1. Under the unit price bid, the Contractor shall rebuild manhole risers within an existing manhole as indicated and as directed. The unit price bid will constitute full compensation for all labor, equipment and materials necessary to prepare and reconstruct the riser inside a manhole. This includes a minimum of 4 courses and a maximum of 9 courses of brick. The completed construction also includes bypassing and maintaining existing flows.
2. Measurement for payment will be for each rebuilt manhole riser.

Item 15, Rebuild Manhole Brick Bench & Inverts

1. Under the unit price bid, the Contractor shall rebuild manhole bench and inverts within an existing manhole as indicated and as directed. The unit price bid will constitute full compensation for all labor, equipment and materials necessary to prepare and reconstruct the table and inverts inside a manhole. The completed construction also includes bypassing and maintaining existing flows.
2. Measurement for payment will be for each manhole repaired.

Item 16, Raise Manhole to Grade

1. Under this allowance, the Contractor shall uncover buried manhole covers and raise to grade as necessary to complete the work and as directed by the Engineer. The allowance will be paid on a time and material basis for all labor, equipment and materials necessary to prepare, raise cover and frame, and provide temporary paving around raised manhole cover.
2. Measurement for payment will be as approved by the Owner.

Item 17, Additional Permanent Pavement Repair (As Directed)

1. Under the unit price bid, the Contractor shall furnish all plant, labor, equipment, appurtenances and materials to place a permanent pavement repair in paved section of roadway as shown on the plans. The unit price bid will constitute full compensation for sawcutting or trimming of pavement, preparation of the subgrade, installation of the base and/or subbase materials, any base removal or additional excavation required to maintain repairs, disposal of unsuitable materials, dust control, pavement markings and all other appurtenant materials and work incidental thereto and not specifically included for payment under other items.
2. Measurement for payment will be the number of square yards of the item completed and accepted at specified depths and payment limits as indicated on the Drawings. Any pavements that during the course of construction are damaged by negligent operations of the Contractor shall not be measured for payment, but repaired by the Contractor at their own expense as directed by the Engineer.
3. Temporary pavement repairs placed as indicated on the plans and as directed will not be measured for payment, but shall be included under the general cost of the contract and the various items of work.

Item 18, Gravel Borrow (As Directed)

1. Under the unit price bid, the Contractor shall furnish all plant, labor, equipment, appurtenances and materials to place gravel (in addition to the existing reclaimed material) to ensure sufficient material exists to construct the roadway base course to the limits as shown on the plans. The unit price bid will constitute full compensation for placing the gravel, including dust control, compaction, compaction testing, and preparation of existing subbase.
2. Measurement for payment will be on the basis of cubic yards of gravel base completed and accepted in place as measured by the Engineer. Gravel used in other items of work including but not limited to driveways, pavement repairs, and pipe items will not be measured for payment under this item, but shall be included in the unit prices for the other items of work.

Item 19, Removal of Unsuitable Material Below Bedding (As Directed)

1. Under the unit price bid, the Contractor shall furnish all plant, labor, equipment, appurtenances and materials to remove peat or other unsuitable material below the pipe or manhole bedding as approved by the Engineer. The unit price will constitute full compensation for performing all required excavations, including load, transport, and disposal of such material away from the job; furnishing and placing crushed stone in the place of material removed, and all other appurtenant materials and work incidental thereto and not specifically included for payment under other items.
2. Measurement for payment will be on the basis of cubic yards of unsuitable material excavated. The depth of unsuitable material in pipe trenches will be measured from the bottom of normal bedding to the depth of replacement. The maximum allowable depth of replacement shall be 12 inches. The allowable width of unsuitable material shall be limited to the trench width limits as shown on the plans.

Item 20, Mobilization & Demobilization

1. Under the lump sum price bid, the Contractor shall furnish all plant, labor, equipment, appurtenances and materials to move equipment to the site and prepare to begin construction. It shall also include payment for removal of some equipment at the completion of the project.

Mobilization costs are the costs of initiating the Contract, exclusive of the cost of materials.

2. Payment for mobilization will be at the lump sum price bid for this item

and will be limited to 75% of the lump sum amount of this item until the work is complete and the contractor has completely demobilized. The initial payment of 75% mobilization costs shall be payable when the Contractor is operational on site. Operational shall mean the substantial commencement of work on site, not prior to commencement. The lump sum price bid for mobilization shall not exceed 5 percent of the total of all items excluding this item.

Item 21, Maintenance & Protection of Traffic

1. Under the lump sum price bid, the Contractor shall furnish all plant, labor, equipment, appurtenances and materials to control traffic as specified. The lump sum price shall include, but not be limited to full compensation for all labor, equipment and services involved in erection, maintenance, moving, adjusting, cleaning, relocating, and storing of steel plates, signs, barricades, drums, traffic cones and delineators furnished by the Contractor as well as all costs of labor and equipment involved in the maintenance of traffic lanes and detours maintenance of traffic as directed and approved by the Borough. The lump sum price shall also include the cost of furnishing the aforementioned steel plates, signs, barricades, warning lights, drums, traffic cones and delineators.
2. The Contractor shall coordinate traffic control requirements with the Borough on a daily basis throughout the course of the work. The lump sum price included the cost for coordinating traffic control requirements and scheduling uniformed police for traffic control.
3. Measurement for payment shall be on the basis of percentage of work completed, inspected and accepted by the Engineer.

Item 22, Uniformed Police or Certified Flaggers for Traffic Control

1. Under this allowance, the Contractor will be responsible for coordinating and providing for police details when required by the Borough. The Contractor shall maintain and protect the traffic throughout the entire duration of the Contract. No claim for additional payment due to unusual construction conditions encountered or delay caused by the Contractor or other outside agencies shall be considered.
2. Payment for uniformed police or certified flaggers shall be made for expenses billed to the Contractor by the Police Department or certified flaggers in the normal course of providing supervision for traffic control during construction operations.
3. Uniformed police and police car fees, when required by the Police Department, or certified flaggers shall be paid under the allowance stated

in the Bid. The allowance stated in the Bid is approximate, and the actual amount to be paid may be more or less, but shall match the actual amount paid to the Police Department or the certified flaggers as authorized by the Engineer.

4. The Contractor shall record the actual amount paid for uniformed police or certified flaggers and, at the end of each month, Contractor shall submit the total amount paid during the month, in four copies, to the Engineer, who will review such amounts, when verified, in monthly payment requests from the Contractor to the Owner.
5. If the uniformed police or certified flaggers expenses are greater than the stated allowance, the Contractor shall be reimbursed the difference in the actual costs as billed. Any unexpended amount shall remain with the Owner as a credit on the total base bid.
6. No mark-up for uniformed police or certified flaggers shall be allowed. Only documented invoice amounts shall be reimbursed to the Contractor.
7. No payment will be allowed for police details or certified flaggers ordered but not utilized due to the Contractor's cancellation of work activities without appropriate advance notification to the Police Department in accordance with the requirements of the Police Department or certified flagger's.
8. No payment will be allowed for uniformed police or certified flagger's required due to the Contractor's failure to furnish and maintain traffic control measures including but not limited to project signage, barriers, and warning devices in accordance with the Specifications and the Contractor's Traffic Control Plan, as approved by the Engineer.
9. The Contractor shall coordinate with the Borough's Department of Public Works, Police Department and the Engineer to determine daily uniformed police detail or certified flagger requirements. No payment will be allowed for uniformed police details or certified flaggers ordered without such coordination.

END OF SECTION 01150