

**TOWN OF WATERTOWN
WATERTOWN, CONNECTICUT
NOTICE OF BID**

**Middlebury Road Reclamation and Drainage Bid
Watertown Public Works Department**

Sealed bids are invited and will be received by the Purchasing Agent of the Town of Watertown at the office of the Purchasing Agent, Watertown Town Hall, 61 Echo Lake Road, Watertown, Connecticut, until **11:00 a.m., Thursday, September 7, 2023**, at which time and place they will be publicly opened and read aloud for furnishing Road Reclamation and Drainage to the Town of Watertown.

The Information for Bidders, Form of Bid, Specifications and other contract documents may be obtained or examined at the office of the Purchasing Agent, Watertown Town Hall, 61 Echo Lake Road, Watertown, Connecticut 06795 or by accessing the Town of Watertown's website at <http://www.watertownct.org>. Proposals must be submitted on the forms provided and in a sealed envelope plainly marked "**Bid Middlebury Road Reclamation and Drainage Bid**".

To receive consideration bids must be in the hands of the Purchasing Agent or his authorized representative no later than the day and hour mentioned above.

The Purchasing Agent reserves the right to accept or reject any or all bids; to waive any informality; or to accept any bid deemed in the best interests of the Town of Watertown. The Town of Watertown reserves the right to take into account the residency of bidders within the Town of Watertown and/or the location of the bidder's business within the Town of Watertown in awarding this bid.

All bids will be considered valid for a period of sixty (60) days.

Donna L. Ford
Purchasing Agent
Town of Watertown

INFORMATION FOR BIDDERS

TOWN OF WATERTOWN
WATERTOWN, CONNECTICUT 06795

Middlebury Road Reclamation and Drainage Bid Watertown Public Works Department

BID OPENING: Thursday, September 7, 2023, at 11:00 a.m.

PROPOSALS RECEIVED

All bids must be in a sealed envelope and received prior to **11:00 a.m., Thursday, September 7, 2023**, at the office of the Purchasing Agent, 61 Echo Lake Road, Watertown, Connecticut 06795.

PREPARATION OF PROPOSALS

Proposals must be made upon forms contained herein. The blank spaces in the Proposal must be filled in correctly where indicated. The Bidder must state the prices for which he proposes to do each item of the work contemplated. In case of discrepancy where both words and the numerals are requested, the words shall govern. Ditto marks are not considered writing or printing and shall not be used. The Bidder shall sign his Proposal correctly. If the Proposal is made by an individual, his name, post office address and telephone number must be shown. If made by a firm, partnership, or corporation, the Proposal must be signed by an official of the firm, partnership, or corporation authorized to sign contracts, and must show the post office address and telephone number of the firm, partnership, or corporation. Failure to do so may disqualify the bid.

Each bid must be submitted in a sealed envelope bearing on the outside the name of the Bidder, post office address, and name of the project for which the bid is submitted. If forwarded by mail, the sealed envelope containing the bid must be enclosed in another envelope addressed to: The Purchasing Agent, Watertown Town Hall, 61 Echo Lake Road, Watertown, CT 06795.

All information shall be entered in ink or by typewriter. Mistakes may be crossed out and corrections inserted before submission of your bid. The person signing the bid shall initial corrections in ink.

Corrections and/or modifications received after the closing time specified will not be accepted.

SUBMISSION OF PROPOSALS

All proposals and literature shall be submitted **IN DUPLICATE** on the proposal form, which is a part of these specifications.

Descriptive literature containing complete specifications must accompany each bid. If a bidder wishes to furnish additional information, more sheets may be added.

Adobe Acrobat® Reader is required to view electronic documents on-line. If you do not have Adobe Acrobat® Reader, you may download it for free from Adobe at <http://www.adobe.com/products/acrobat/readstep.html>.

Response summaries will be available online at <http://www.watertownct.org> on the day of the bid opening.

Responses delivered via fax are received subject to the following qualifications and limitations:

- The Town is not responsible for the confidentiality of the information transmitted.
- The Town cannot guarantee that its fax equipment will be operational and able to receive transmittals by a particular time and date. It is the Bidder's responsibility to ensure that quotations are received in their entirety and on time at the required location. It is recommended that vendors be advised to call immediately after transmitting a document electronically to confirm complete and accurate receipt by the Town. The Town assumes no liability in the event that a bidder's electronic transmission is not received by the Town in a timely fashion, or is not received either in its entirety or error-free.
- Bids transmitted electronically which have a bond requirement are subject to the same submittal requirements as those responses delivered via traditional means, such as mail or hand delivery, or as otherwise stipulated by appropriate authority.

INCURRING COSTS

The Town of Watertown is not liable for any cost incurred for the preparation of proposals or submission of samples by the firms submitting proposals for the work requested in this bid document or request for proposals.

FAMILIARITY WITH THE WORK

Each bidder is considered to have examined the work to fully acquaint himself with the exact existing conditions relating to the work and has fully informed himself as to the work involved and the difficulties and restrictions attending the performance of this bid. Failure to do so will not relieve a bidder of his obligation to furnish all centerline striping and related pavement markings as specified for the consideration set forth in this bid. The submission of a bid will be considered as conclusive evidence that the bidder has made such examination.

CONSIDERATION OF PRIOR SERVICE

Previous performance, quality of service and merchandise will be considered.

ADDENDA AND INTERPRETATIONS & ALTERNATE PROPOSALS

Addenda information will be available online at <http://www.watertownct.org>. Adobe Acrobat® Reader may be required to view this document. It is strongly suggested that Bidders check for any addenda a minimum of forty-eight hours in advance of the bid deadline.

At the time of the opening of bids each Bidder will be presumed to have inspected the work and to have read and to be thoroughly familiar with all of the Contract Documents (including all addenda). The failure or omission of any Bidder to receive or examine any form, instruction or document shall in no way relieve any bidder from any obligation in respect to his bid.

If any person contemplating submitting a proposal is in doubt as to the true meaning of any part of these specifications, he may submit a written request for an interpretation to the Purchasing Agent. No interpretations as to the meaning of the plans, specifications or other Contract Documents will be made to any Bidder orally.

Every request for such interpretation should be in writing addressed (duplicate copy) to the Town of Watertown, Purchasing Agent, 61 Echo Lake Road, Watertown, Connecticut 06795, and to be given consideration, must be received at least five (5) days prior to the date fixed for the opening of Bids. Any and all such interpretations and any supplementary instructions will be in the form of written Addenda to the Specifications which, if issued, will be mailed by Registered Mail with Return Receipt Requested to all prospective Bidders at the respective addresses furnished for such purposes, not later than three (3) days prior to the date fixed for the opening of bids. Failure of any Bidder to receive any such Addendum or interpretations shall not relieve any Bidder from any obligations under his bid as submitted. All Addenda so issued shall become part of the Contract Documents. Oral explanations will not be binding on the Town.

The specifications listed are to be interpreted as meaning the minimum acceptable by the Town of Watertown. Bidders are requested to submit quotations on the basis of these specifications. Alternative bids providing a broader scope and/or services than requested in these specifications may receive consideration providing such equipment and/or service is clearly explained. Any exceptions to the specifications requested herein must be clearly noted in writing and are to be included as a part of the bid proposal. If none are included it will be assumed that there are none. Definition of the word "complete" means that each unit of the equipment proposed shall include all appurtenances, fasteners, parts, accessories, and services ordinarily catalogued. An item equal to that named or described in the specifications may be furnished by the Bidder, except where expressly noted as "no substitutions." The naming of any commercial name, trademark, or other identification shall not be construed to exclude any item of any manufacturer not mentioned by name, nor limit competition, but shall establish a standard of equality only. An item shall be considered equal to the item so named or described if:

- It is at least equal in quality, durability, appearance, strength and design.
- It will perform at least equally the function imposed by the design for the work being contracted for or the material being purchased.
- It conforms substantially, even with deviations, to the detailed requirements for the item in the specifications.

The Bidder shall hold the Town of Watertown, its officers, agents, servants, and employees, harmless from liability of any nature or kind because of use of any copyrighted or uncopyrighted compositions, secret process, patented or unpatented inventions, articles or appliances furnished or used under this bid, and agrees to defend, at his own expense, any and all actions brought against the Town of Watertown or himself because of the unauthorized use of such articles

QUOTATION LIMITATION

Bidders shall offer only **ONE ITEM AND PRICE** for each line item bid. If an or equal item is to be bid, the bidder is to select the brand and model that meets or exceeds the specified item, and submit his bid for that item.

ESTIMATE OF WORK

For bidding purposes, the work has been subdivided into unit price items. The quantities shown are to be considered as approximate only. The Purchasing Agent does not expressly or by implication agree that the actual quantity will correspond therewith, but reserves the right to increase or decrease the amount of any item or portion of the work as deemed necessary.

SAMPLES

Samples of articles, when required shall be furnished free of cost of any sort to the Town of Watertown. Samples received may be retained by the Town for future comparison. Samples which are not destroyed by testing, or which are not retained for future comparison will be returned upon request at the bidder's expense.

WITHDRAWAL OF BID

Bidders may withdraw their proposals at any time prior to the bid date. No agent/broker shall withdraw or cancel their proposal for a period of sixty (60) days after the bid closing date of **11:00 a.m., Thursday, September 7, 2023**. The successful agent/broker shall not withdraw, cancel or modify their proposal.

PERFORMANCE BONDS / BID BONDS

A performance bond is required and shall be in the amount of 100% of the bid award, in the name of the "Town of Watertown", in the form and with a surety company approved by the State Commissioner of banking and insurance, and issued within ten (10) calendar days of the bid award date. Surety companies executing Bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the State of Connecticut. This financial instrument shall be for the faithful performance of the contract, and shall be used at the sole discretion of the Town of Watertown to pay liquidated Damages for failure or refusal to perform in accordance with the contract. No withdrawals shall be made until after five (5) calendar days' notice of noncompliance with the contract is sent by certified U.S. Mail. This in no way limits further actions the Town of Watertown may take.

POWER OF ATTORNEY

Attorneys-in-fact who sign contract bonds must file, with each bond, a certified and effectively dated copy of their power of attorney.

SUBCONTRACTORS

- Each bidder contemplating the use of any subcontractor shall submit a list of subcontractors as listed on the Bid Form.
- The apparent low bidder shall file with the Town of Watertown, within five (5) days after the date of bid opening, a complete list of the names and addresses of competent, responsible and qualified subcontractors who are actually to perform major portions of the work. This in no way restricts or limits the requirement that all subcontractors must be approved by the Town.
- Subcontractors listed on the Bid Form or those previously approved may not be changed without the approval of the Town of Watertown.

Local subcontractors, material suppliers, and labor in the Town of Watertown should be considered and sought insofar, as is practical in the performance of this project.

QUALIFICATION OF BIDDER

In determining the qualifications of a bidder, the Town may consider his record in the performance of any contracts for similar work into which he may have previously entered; and the Town expressly reserves the right to reject the bid of such bidder if such record discloses that such bidder, in the opinion of the Town, has not properly performed such contracts or has habitually, and without just cause, neglected the payment of bills or has otherwise disregarded his obligations to subcontractors, suppliers, state or local codes, men or employees of subcontractors.

The Town may make such investigation as he deems necessary to determine the ability of the bidder to perform the work and the bidder shall furnish to the Town all such information and data for this purpose as the Town may request. The Town reserves the right to reject any bid if the evidence submitted by or the investigation of such bidder fails to satisfy the Town that such bidder is properly qualified, or that such bidder misrepresented material facts in the bid documents.

DISQUALIFICATION OF BIDDERS

More than one proposal from an individual, firm, partnership, corporation, or an association under the same or different names will not be considered. Reasonable grounds for believing that any Bidder is interested in more than one proposal for the work contemplated will cause the rejection of all proposals in which such Bidder is interested. Any or all proposals in which such Bidder is interested will be rejected if there is reason for believing that collusion exists among the Bidders and all participants in such collusion will not be considered in future proposals for the same work. Proposals in which the prices are obviously unbalanced may be rejected. No Contract will be awarded except to competent Bidders capable of performing the class of work contemplated.

DELIVERY

Inasmuch as this work concerns a needed public improvement, the provisions of this bid relating to the time of delivery, performance and completion of the work are of the essence of this bid. Accordingly, the successful bidder shall commence work **upon receipt of the signed Purchase Order** unless the Town shall authorize or direct a further delay.

Time of delivery shall be stated as the number of calendar days following receipt of the Purchase Order by the Bidder to receipt of the goods or services by the Town of Watertown.

Prices quoted must include delivery to the Town of Watertown as specified on the Purchase Order. No charges will be allowed for parking, crating, freight, express or cartage unless specifically stated and included in this bid.

Time of delivery may be considered in the award.

PAYMENT

The Town, after inspection and acceptance of workmanship, and in consideration of the faithful performance by the Bidder of all and singular his covenants, promises, and agreements contained herein, agrees to pay the Bidder for the full completion by him of the work embraced in this Contract, within (30) Thirty Days of the

receipt of the final invoice. When subcontractors or suppliers are utilized, the successful Bidder for this project shall be required to submit a Mechanics Lien Waiver, acceptable to the Town, with each progress payment and/or at time of final payment prior to any payment being made.

Time, in connection with any discount offered, will be computed from the date of delivery to the Town or from the date a correct invoice is received by the Town's Finance Department, if the latter date is later than the date of delivery.

Prices will be considered as **NET**, if no cash or payment discount is shown.

The successful bidder shall submit invoices to the following address:

Town of Watertown
Watertown Public Works Department
61 Echo Lake Road Watertown, CT 06795

IT IS UNDERSTOOD AND AGREED THAT SHOULD A BID BE ACCEPTED, IT WILL AUTOMATICALLY BECOME THE CONTRACT OR AN ADDENDUM TO ANY CONTRACT AGREED UPON.

Notification of the bid award will be made by issuance of a purchase order. Bidders are to list their bids on the appropriate attached sheets. Bidders may attach a letter of explanation. A clear notification should be made on the standard bid sheets at the appropriate point of explanation that there is a letter of explanation attached. All bids must be NET prices.

The successful bidder shall submit an itemized invoice to the Town of Watertown for the work as described herein.

The bidder shall be required to submit a Mechanics Lien Waiver, acceptable to the Town of Watertown, with each progress payment and at time of final payment prior to any payment being made.

At the time of award, the successful bidder shall be required to supply the Town of Watertown a Certificate of Good Standing, certifying that the corporation is in fact a valid corporation and presently licensed to conduct business in the State of Connecticut.

SALES TAX

Certain materials and supplies incorporated in the work of this project are exempt from Connecticut Sales Tax. The Bidder shall familiarize himself with current regulations of the State Tax Department. The tax on materials or supplies exempted by such regulations shall not be included as part of the bid. The Town will furnish the successful Bidder sales tax exemption authorization.

CARE AND PROTECTION OF PROPERTY

The Bidder shall take particular care to avoid damages to all private and public property and to private or public improvements within the Town's right of way. He shall make good any damages to the satisfaction of the Town.

There shall be no additional compensation for the repair or restoration of private or public property improvements.

COMPLIANCE WITH FEDERAL, STATE AND LOCAL CODES

The Bidder shall be responsible for full compliance with any Federal, State and/or Local codes, laws, regulations and standards, as applicable.

AWARD

The Town of Watertown reserves the right to accept or reject any bid to best serve its interests, or to hold the bids for sixty (60) days before decision.

The Town reserves the right to reject any and all bids (or any part thereof), to waive defects in proposals, or to accept any proposal deemed to be in its best interest.

Exceptions will be considered to the specification provided, providing they are listed and fully explained on a separate page entitled "EXCEPTIONS TO SPECIFICATIONS"

Each exception will be considered as to its degree of impact and total effect on the bid. The purchaser shall determine which (if any taken) exceptions are acceptable, and this determination shall be final.

The Town of Watertown reserves the right:

- To award bids received on the basis of individual items, or groups of items, or on the entire list of items.
- To reject any or all bids, or any part thereof.
- To waive any informality in the bids.
- The Town of Watertown reserves the right to take into account the residency of bidders within the Town of Watertown and/or the location of the bidder's business within the Town of Watertown in awarding this bid.
- To accept the bid that is in the best interest of the Town of Watertown. The Purchasing Agent's decision shall be final.

INSURANCE

A. General:

The Bidder shall be responsible for maintaining insurance coverage in force for the life of the contract of the kinds and adequate amounts to secure all of the Bidder's obligations under the contract with an insurance company with an AM Best Rating of A - VII or better licensed to write such insurance in Connecticut and acceptable to the Town of Watertown

The insurer shall provide the Town of Watertown with Certificates of Insurance signed by an authorized representative of the insurance company(ies) prior to the performance of this contract describing the coverage and providing that the insurer shall give the Town of Watertown written notice at least thirty (30) days in advance of any termination, expiration, or any and all change in coverage.

Such insurance or renewals or replacements thereof shall remain in force during the Bidder's responsibility under this agreement.

The Bidder at his own cost and expense shall procure and maintain all insurance required and shall name the Town of Watertown, its employees, departments, boards, committees and commissions, as an additional insured on all contracts except Worker's Compensation and Professional Errors & Omissions coverage.

In order to facilitate this requirement for insurance, it is recommended that the bidder forward a copy of this exhibit to the bidder's insurance representative(s).

B. Specific Requirements:

(1) Workers' Compensation Insurance

The Bidder shall provide Workers' Compensation Insurance required by law and the Employer's Liability Insurance for at least the amounts of liability for Bodily Injury by accident of \$100,000 each accident; Bodily Injury by Disease each employee of \$100,000; Bodily Injury by Disease, policy limit of \$500,000.

(2) Commercial General Liability Insurance

The Bidder shall carry Commercial General Liability policy (Insurance Services Office Incorporated Form CG-0001 or equivalent). A per occurrence limit of \$1,000,000 is required. The Aggregate Limit will be not less than \$1,000,000.

(3) Business Automobile Liability Insurance The Bidder shall carry Business Automobile Liability Insurance. (Insurance Services Office Incorporated Form CA-00001 or equivalent). A per occurrence limit of \$1,000,000 is required. "Any Auto" (symbol 1 or equivalent) is required.

C. Hold Harmless & Subcontractor's Requirements:

The Bidder shall require the same insurance that it is required to carry by the Town of Watertown to be carried by any subcontractors and independent contractors hired by the Bidder and to obtain Certificates of Insurance before subcontractors and independent contractors are permitted to begin work.

The Bidder shall require that the Town of Watertown, its employees, departments, boards, committees and commissions, be named as Additional Insured on all subcontractor's and independent contractor's policies before they are permitted to begin work.

The Bidder and all subcontractors and independent contractors and their insurers shall waive all rights of subrogation against the Town of Watertown, and its officers, agents, servants and employees for losses arising from the work performed by each on this contract.

The Bidder assumes and agrees to hold harmless, indemnify, protect and defend the Town of Watertown against any and all liability for injuries and damages to Bidder and to Bidder's employees, agents, subcontractors and guests, third parties or otherwise incident to or resulting from any and all operations performed by a contractor under any terms of this contract.

D. Other Data:

NOTE 1: If Bidder is only a vender shipping goods via Common Carrier only, General Liability is required.

NOTE 2: If Bidder is a Professional, Errors & Omission coverage will be required.

NOTE 3: The Town reserves the right to amend amounts of coverage required and the types of coverage provided based on work or service to be performed.

GUARANTEE

The bidder shall unconditionally guarantee for a period of one (1) year from the date of acceptance, all materials, supplies, equipment, and services; including but not limited to its workmanship, delivery and installation. If within the guarantee period there are any defects or signs of deterioration the bidder shall repair, adjust or replace the item(s) to the complete satisfaction of the Town. These repairs, adjustments, or replacements are at the sole expense of the bidder and shall be made at such times that are agreeable to the Purchasing Agent so that it is least detrimental to instructional programs.

PERMITS

When required all licenses and permits for complying with any applicable Federal, State, and Municipal laws, codes, regulations in connection with the prosecution of the work shall be obtained by the Bidder, at no additional cost to the Town.

NONDISCRIMINATION IN EMPLOYMENT

The successful bidder shall agree and warrant that, in the performance of this contract, he will not discriminate or permit discrimination against any person or group of persons on the grounds of race, color, sex, religion, or national origin in any manner prohibited by State, Federal, County, or Municipal law. A certification of Nonsegregated Facilities and a Certification Regarding Equal Employment Opportunity shall be considered a part of this contract.

MECHANICS LIEN WAIVERS

The successful Bidder shall be required to submit a Mechanics Lien Waiver, acceptable to the Town of Watertown, with each progress payment, and/or at time of final payment, prior to any payment made.

For further technical or administrative information contact
Donna Ford, Purchasing Agent at (860) 945-5260 or via email at ford@watertownct.org.

**TOWN OF WATERTOWN
WATERTOWN, CONNECTICUT
TECHNICAL SPECIFICATIONS**

**Middlebury Road Area Drainage Improvements
Watertown Public Works Department**

Bidders shall:

- Provide a list of equipment available for the project
- Provide a list of references for work performed over the last five years in the State of Connecticut
- OSHA 10 Certificates for all contractor employees working on-site

Project Description:

This project consists of the provision of approximately 2 catch basins, 475 linear feet (LF) of 15” HDPE PIPE (HDPE PIPE), and 80’ LF of 8” perforated PVC PIPE between 870 and 920 Middlebury Road, Reclamation of Middlebury Road, from Route 6 to Bunker hill Road curb (BCLC) and incidental related work on Middlebury Road in Watertown, Connecticut.

TECHNICAL SPECIFICATIONS

This project consists of provision or extension of the storm water drainage system on Middlebury Road in Watertown, Connecticut in accordance with the project plans and specifications. All work is to be performed in accordance with the State of Connecticut Department of Transportation “Standard Specifications for Roads, Bridges and Incidental Construction, Form 818”, as supplemented and as amended below. However, it should be noted that reference to the Form of 818 is for convenience only and is not meant to imply or to infer that this project is an 818 project or that all of the terms and conditions of the Form 818 apply. Mobilization, demobilization, handling water, dust control, dewatering, saw cutting, tack coating, utility protection and construction staking will not be bid separately, but the price of such work as may be required shall be included in the unit price bid for the work. It is the sole responsibility of the contractor to provide, arrange for and coordinate any utility support, protection or relocations required for this project.

Traffic Person:

Uniformed Police Officers will be required for all work performed in the roadway and shall be provided in accordance with the State of Connecticut Department of Transportation “Standard Specifications for Roads, Bridges and Incidental Construction”, Form 818, as amended. Upon approval by the Engineer, the contractor is to arrange for the Police Officers. The Town will be responsible for payment of the Officers directly. Contractor shall be responsible for paying for any Uniformed Police officers that were scheduled but were not cancelled in accordance with Police Department Policy. Uniformed Police Officers may be scheduled by calling the Special Duty Officer at (860) 945-5200. Uniformed Police Officers are not required when the roadway is closed to through traffic or when an approved traffic detour is provided.

**TECHNICAL SPECIFICATIONS
RECLAIMING OF BITUMINOUS PAVEMENT – (0 TO 18 INCHES)**

Description

This project consists of the reclaiming of approximately 33,043 square yards of existing bituminous concrete wearing course Middlebury Rd. and Fieldwood Dr. in Watertown, Connecticut. The reclaimed areas are then to have a base course of Class 1 bituminous concrete to a depth of approximately 2 inches (approximately 3,800 tons), then overlaying of the base Course with a course of Class 2 bituminous concrete to a depth of approximately 2 inches (approximately 3,800 tons), Base Course must be completed within ten working days after the reclaiming is performed. Tack shall be applied before Top course is placed if not paved within 7 days of the placement of the Base Course.

This work shall consist of the preparation of an asphalt stabilized base course composed of a mixture of existing hot mix asphalt and existing base material. It shall be performed in accordance with these specifications and conformity with the existing line, grade and cross section as directed by the Town on site. In general, the work shall consist of reclaiming approximately (0 to 18) inches of existing bituminous concrete, removal of all curbing, and base material, grading and compacting the reclaimed material to approximately the existing line and grade in preparation of placing 4” of new bituminous concrete, in two 2” lifts. Contractor is solely responsible for dust control, which shall be included in the unit price of the work items.

This project consists of the provision of approximately 2 catch basins, 430 linear feet (LF) of 15” HDPE PIPE (HDPE PIPE) and 80’ LF of 8” perforated PVC PIPE between house #870 and #920 Middlebury Road.

Contract also includes provision replacing damage and missing curbing. This shall be carried out following standard curbing details.

Contract also includes provision of Catch Basin Repair/Replacement. The Town of Watertown CT will supply all parts need to replace catch basins and tops, as needed. The Contractor will supply all block and mortar to do said repairs as required by contract.

Contract also includes provision of replacement of Manhole Covers, Rings, and Gate Valve Box. The Town of Watertown CT will supply all parts need to replace manhole covers, rings, and gate valve box, as needed. The Contractor will supply all block and mortar to do said repairs as required by contract.

Contract also includes provision of Catch Basin Repair/Replacement, Replacement of Catch Basin Tops, the Town of Watertown CT to supply all part need to replace catch basins and tops as needed, contractor will supply all block and mortar to do said repairs as required by contract.

The raising and or lowering of all utilities as required i.e.; gate boxes manhole covers, etc., and painted pavement markings, symbols legends.

Contractor shall be responsible for repairing or replacing any manhole covers, rings, gates, valve covers, risers or other underground utility structures damaged or destroyed by the Contractor that were marked out or clearly visible at the surface prior to grinding. By the Town of Watertown, CT [**CALL BEFORE YOU DIG**] the Contractor is responsible for material testing and shall provide the services of an independent material testing company on-site during all paving operations. Contractor is solely responsible for material testing, maintenance and protection of traffic, dust control and dewatering,

Unless otherwise specified, surplus reclaimed material shall remain the property of the town and shall be deposited at a location within the town if required. The disposal locations, if required, shall be the materials stockpile area located off Northfield Road adjacent to the sixteenth hole of the golf course or the Hamilton Avenue Solid Waste Disposal Facility located on Old Baird Road in Watertown, Connecticut.

Reclamation/Grinding Equipment

The equipment for pulverizing and reclaiming the pavement surface shall be designed and built for pulverizing flexible pavements and shall have a minimum 6 foot cutting width. It shall be self-propelled with sufficient power, traction and stability to maintain depth and slope and shall be capable of pulverizing and mixing the existing bituminous concrete pavement and base gravel to existing line, grade and typical cross-section on existing site.

The pulverizing reclamation machine shall be equipped with a built-in automatic grade control system that can control the longitudinal profile and the transverse cross-slope to produce the specified results. The longitudinal controls shall be capable of operating from any longitudinal grade reference, including string line, (30 feet minimum), mobile string line (30-foot minimum), or matching shoe. The transverse controls shall have an automatic system for controlling cross-slope at a given rate.

The machine shall be capable of operating at a minimum speed of 10 feet per minute and be able to provide a 0 to 8-inch-deep cut (minimum) in one pass. It shall be designed so that the operator can at all times observe the reclamation/grinding operation without leaving the control area of the machine.

The machine shall also be equipped with a means of effectively limiting the amount of dust escaping from the reclamation operation in accordance with local, State and Federal air pollution control laws and regulations.

When reclaiming smaller areas or areas where it is impractical to use the above described equipment, the use of a smaller or lesser-equipped reclamation machine may be permitted when approved by the Town.

A sweeper equipped with a water tank, spray assembly to control dust, a pick-up broom, a dual gutter broom, and a dirt hopper shall be provided by the Contractor. The sweeper shall be capable of removing debris from the entrance road, Northfield Road and parking lot areas affected by the construction. Other sweeping equipment may be provided in lieu of the sweeper when approved by the Town.

Construction Methods

The pavement surface shall be reclaimed to the line, grade, and typical cross-section shown on the attached detail (approximately 4"). After the material is reclaimed, it shall be graded and compacted at the line and grade specified. The reclaiming material shall be compacted with an approved roller to uniform density of not

less than 95% of the maximum density in accordance with ASTM 1556 Method D. Base pavement of 2" shall be placed within 7 to 10 day of completion of reclaiming the base.

Existing manhole frames, grates, water and gas gate valves shall be protected during construction operation. Items that are damaged or destroyed by contractor operations that were clearly identified during the Call Before You Dig process shall be replaced at no expense to the town.

The ground/reclaimed surface shall provide a satisfactory riding surface with a uniform textured appearance. The ground/reclaimed surface shall be free from gouges, excessive longitudinal grooves and ridges, oil film and other imperfections that are a result of defective equipment, improper use of equipment, or poor workman ship. Any unsatisfactory surfaces produced are the responsibility of the Contractor and shall be corrected at the Contractor's expense.

To prevent the infiltration of ground material into the storm sewer system the contractor shall take specific care to prevent the pulverized material from falling into the inlet opening or inlet grates. Any ground material that has fallen into inlet openings or inlet grates shall be removed at the Contractors expense.

At all permanent limits of reclamation, a clean vertical face shall be established prior to paving. No vertical faces, transverse or longitudinal, shall be left exposed to traffic. If any vertical face is formed in an area exposed to traffic a temporary paved transition will be established.

Method of Measurement

This work will be measured for payment by the number of square yards of area from which the pulverizing/reclamation of asphalt have been completed and the work accepted. No area deductions will be made for minor unground/reclaimed areas such as catch basin inlets, manholes, utility boxes and any similar structures.

Basis of Payment

This work will be paid for at the contract unit price per square yard for "Reclamation of Bituminous Concrete". This price shall include all equipment, tools, labor and materials incidental thereto.

No additional payments will be made for multiple passes with the reclamation machine to reclaim the bituminous surface.

Contractor shall be responsible for repairing or replacing any manhole covers, rings, gates, valve covers, risers or other underground utility structures damaged or destroyed by the Contractor that were marked out or clearly visible at the surface prior to grinding.

TECHNICAL SPECIFICATIONS
STORM SEWER SYSTEM

Description: Pipe – (Size and Type):

The item for “Pipe (Size and Type)” shall include all labor, equipment and material to furnish and install the pipe of the size and type specified and as shown on the plans. All pipes shall be HDPE PIPE (as shown on plans) and water-tight. Pipes for “Tie-ins” shall match existing size (generally 4” PVC). There shall be no separate payment for pipe excavation, bedding, stone, backfill, dewatering, sheeting, shoring, bracing, testing, compaction and alignment, but these items shall be included in the price bid per linear foot (LF). Each pipe length shall be laid straight and true to line and grade by means of laser system or other system approved in advance by the Town.

Catch Basin – (Type)

The item for Catch Basin shall include all labor, equipment and material required to furnish and install catch basins, sumps, risers, tops, frames and grates of the size and type specified and as shown on the plans. There shall be no separate payment for excavation, pervious backfill, dewatering, sheeting, shoring, bracing, bedding and compaction, or for connecting additional pipes encountered directly into the catch basin but these items shall be included in the price bid per each catch basin.

Construction Methods

1. Pervious structure backfill – in accordance with the Requirements of Article 2.16 of the Form 818, except that payment will be included in the item for “Type “C” Catch Basin”.
2. Geotextile material – in accordance with the Requirements of Article 7.55 of the Form 818 except that payment shall be included in the item for which it is required.
3. Pipe of the size and type specified – in accordance with Article 6.51 of the Form 818 as amended and joints shall be rubber gasketed for RCP.
4. Pipe bedding – in accordance with Article M.08.03 of the Form 818, as amended.
5. Catch basins of the type specified and as shown on the plans – in accordance with Article 5.07 of the Form 818, as amended. All catch basins, manholes, pipes and other structures shall be cleaned out prior to final acceptance to the satisfaction of the Town prior to acceptance.
6. All masonry units shall be laid in full mortar beds.
7. Metal fittings for catch basins, junction boxes, manholes or drop inlets shall be set in full mortar beds or otherwise secured as shown on the plans.
8. Inlet and outlet pipes shall extend through the walls for a sufficient distance beyond the outside surface to allow for satisfactory connections, and the concrete or masonry shall be constructed around them neatly to prevent leakage along their outer surfaces. The pipe shall be cut flush with the inside face of the wall, or as shown on the plans.
9. When constructing a new drainage structure within a run of existing pipe, the section of existing pipe disturbed by the construction shall be replaced with new pipe of identical type and size extending from the drainage structure to the nearest joint of the existing pipe. All drainage connections encountered during construction shall be reconnected to system by means of connection system approved by Town, unless otherwise directed.

10. Pervious material shall be used for backfilling the upper portion of the excavation made for catch basins and drop inlets down to the elevation of the invert of the outlet pipe but in no case to a depth greater than 3 feet (1 meter) below the top of the structure. Drainage openings shall be formed in the four walls of the structure at or immediately above the bottom of the pervious backfill to convey subsurface drainage. The openings shall be covered with geotextile. Depending on the masonry used in the walls, such openings shall be formed by the insertion of 2-inch (50-millimeter) pipes, omission of a header brick or by leaving two open vertical joints in the masonry.

11. Where shown on the plans or directed by the Engineer, the contractor shall plug existing pipes with cement masonry.

12. Town will furnish baseline and benchmark for installation of improvements. Contractor to provide all other field survey required. Owner to perform as-built survey upon completion of fieldwork.

Method of Measurement

This work will be measured for payment by the following:

Number of linear feet of the size and type specified to the inside wall of the structure being connected to. Number of catch basins of the type specified for each one. Number of pipe tie-ins, of the size and type specified, as shown on the plans or as directed, except that pipe tie-ins directly into a structure will not be measured or paid for separately. Number of manhole or structure connection as shown on the plans or as directed.

Basis of Payment

This work will be paid for as follows:

Contract unit price per each manhole or structure connection and pipe tie-in, complete and accepted in place, which price shall include all equipment, material, labor and work incidental to as specified herein. Contract unit price per each linear foot of pipe of the size and type specified, complete and accepted in place, which price shall include all labor, equipment, materials and work incidental to as specified herein.

**TECHNICAL SPECIFICATIONS EXCAVATION,
BACKFILL AND COMPACTION**

Excavation, Backfill and Compaction: Backfill and compaction for roadways, trenches or structures will not be measured or paid for separately, but shall be included in the unit price of the item. Contractor is responsible for saw cutting, tack coat, dewatering and dust control, which cost shall be paid for in the price bid for other items. Test borings were not performed. Construction Methods 1. The excavation of existing roadway material, in accordance with the Requirements of Article 2.02 of the Form 818, as amended. Surplus material is the responsibility of the Contractor. 2. The excavation of trench material, in accordance with the Requirements of Article 2.05 of the Form 818, as amended. Surplus material is the responsibility of the Contractor. 3. Processed gravel base – in accordance with the Requirements of Article 3.04 of the Form 818, as amended. 4. Pervious structure backfill – in accordance with the Requirements of Article 2.16 of the Form 818, as amended, except that payment will be included in the item for which it is required. 5. Geotextile material – in accordance with the Requirements of Article 7.55 of the Form 818, as amended, except that payment shall be included in that of other item for which work is required, as shown on plans or as directed by Town. 6. Pipe bedding – in accordance with Article M.08.03 of the Form 818, and manufacturer’s requirements, as amended. 7. Pipe tie-ins are roof, footing, yard, etc... pipes tied into the storm system main. 8. Town will furnish baseline and benchmark for installation of improvements. Contractor to provide all other field survey required. Owner to perform as-built survey upon completion of fieldwork. 9. The cost for clearing and grubbing shall be included in the grading items and no separate payment shall be made, except as noted in the plans. Otherwise, the terms and conditions of Section 2.01 of the Form 818 apply. 10. Edges of all trenches shall be neatly saw cut as part of the excavation item and contractor to ensure that edge of saw cut pavement is tack coated and ready for placing asphalt pavement upon completion of the trench backfill and compaction operation. Method of Measurement This work will not be measured for payment but the price for this material and work shall be included in the unit prices bid for other items, as shown on the plans, as specified or as directed by the Town.

LINE STRIPPING, STOP BARS, LEGENDS, AND CROSSWALKS
PLACE SPECIFICATIONS

Painted Pavement Markings

The item for “Painted Pavement Markings, Symbols and Legends” shall include all labor, equipment and materials required to provide retro reflective hot applied pavement markings of the width and color specified and hot applied pavement markings, symbols and legends at the locations shown on the plans or as directed by the Town, in place according to Section 12.09 of the Form 818, as amended.

Materials

Materials shall conform to the requirements of Section M.07.20 of the Form 818, as amended.

Construction Methods

Construction methods shall comply with the requirements of Section 12.09.03 of the Form 818, as amended. Painted pavement markings, symbols and legends include stop bars, crosswalks, parking stalls, lane arrows, legends and markings.

Method of Measurement

This work will be measured for payment by the following:

Number of linear feet of painted pavement markings applied and accepted.

Number of square feet of painted pavement markings, symbols and legends installed on the pavement and accepted by the Town.

Basis of Payment

This work will be paid for as follows:

Contract unit price per linear foot of “Painted Pavement Markings” of the width and color specified, installed and accepted complete in place, which price shall include all equipment, material, labor, tools and work incidental thereto. Payment will not be made for pavement markings affected by Contractor error and ordered removed.

Number of linear feet of painted pavement markings installed on the pavement and accepted by the Town.

TECHNICAL SPECIFICATIONS
CATCH BASINS, MANHOLES AND DROP INLETS

5.86.01—Description: The work under this Section shall consist of furnishing, preparing, and installing catch basins, manholes and drop inlets (and also the removal, abandonment, alteration, reconstruction, or conversion of such existing structures) in conformity with the lines, grades, dimensions and details shown on the plans. This Section shall also include resetting or replacing catch basin tops, as well as manhole frames and covers.

5.86.02—Materials: The materials for this work shall meet the following requirements: Drainage structures shall meet the requirements of M.08.02 and shall utilize concrete with a 28-day minimum compressive strength of 4000 psi. Galvanizing shall meet the requirements of M.06.03. Mortar shall meet the requirements of M.11.04. Butyl rubber joint seal shall meet the requirements of ASTM C990. Granular fill, if necessary, shall meet the requirements of M.02.01. Protective compound material shall be a type listed on the Department's Qualified Products List and be acceptable to the Engineer, as specified in M.03.09.

5.86.03—Construction Methods: Drainage trench excavation, including rock in drainage trench excavation and backfilling, shall be performed in accordance with 2.86.03 and the requirements of the plans. Where a drainage structure is to be installed below the surface, a drainage trench shall be excavated to the required depth, the bottom of which shall be graded to the elevation of the bottom of the proposed drainage structure or to ensure a uniform foundation for the structure. Where a firm foundation is not encountered at the grades established due to unsuitable material, such as soft, spongy, or unstable soil, the unsuitable material shall be removed and replaced with approved granular fill, thoroughly compacted in lifts not to exceed 6 inches. The Engineer shall be notified prior to removal of the unsuitable material in order to determine the depth of removal necessary. When rock, as defined in 2.86.01-2, is encountered, work shall be performed in accordance with 2.86.03 and the requirements of the plans. When a drainage structure outside of proposed drainage trench limits is to be removed, it shall be completely removed and all pipes shall be removed or plugged with cement masonry. When a drainage structure is to be abandoned, the structure shall be removed to a depth 2 feet below the subgrade or as directed by the Engineer. The floor of the structure shall be broken and all pipes shall be plugged with cement masonry. Drainage structures shall be constructed in accordance with the plans and the requirements contained herein for the character of the work involved. The provisions of 6.02.03 pertaining to bar reinforcement shall apply except that shop drawings need not be submitted for approval unless called for in the plans, Contract or directed by the Engineer. Welding shall be performed in accordance with the applicable sections of the AWS Structural Welding Code, D1.1. When it becomes necessary to increase the horizontal dimensions of manholes, catch basins and drop inlets to sizes greater than those shown on the plans in order to provide for multiple pipe installations, large pipes or for other reasons, the Contractor shall construct such manholes, catch basins and drop inlets to modified dimensions as directed by the Engineer. The surfaces of the tops of all catch basins, and drop inlets shall be given a coat of protective compound material, at the manufacturer's recommended application rate, immediately upon completion of the concrete curing period. All masonry units shall be laid in full mortar beds. Metal fittings for catch basins, manholes or drop inlets shall be set in full mortar beds or otherwise secured as shown on the plans. All inlet and outlet pipes shall be set flush with the inside face of the wall of the drainage structure as shown on the plans. The pipes shall extend through the walls for a sufficient distance beyond the outside surface to allow for satisfactory connections, and the concrete or masonry shall be constructed around them

neatly to prevent leakage along their outer surfaces. When constructing a new drainage structure within a run of existing pipe, the section of existing pipe disturbed by the construction shall be replaced with new pipe of identical type and size extending from the drainage structure to the nearest joint of the existing pipe in accordance with 6.86.03 or as directed by the Engineer. Backfilling shall be performed in accordance with 2.86.03. Frames, covers and tops which are to be reset shall be removed from their present beds, the walls or sides shall be rebuilt to conform to the requirements of the new construction and the frames, covers and tops shall be reset as shown on the plans or as directed by the Engineer.

5.86.04—Method of Measurement:

Drainage Trench Excavation: In accordance with 2.86.04, excavation for drainage trench will not be measured for payment but shall be included in the Contract unit price for the type of structure being installed.

Rock in Drainage Trench Excavation: The volume in cubic yards of Rock in Drainage Trench Excavation will be measured in accordance with the drainage trench excavation limits described in 2.86.03.

Manholes, Catch Basins and Drop Inlets will be measured as separate units.

Resetting of Manholes, Catch Basins and Drop Inlets will be measured as separate units.

Replacement of frames, covers, and tops will be measured as a unit for catch basin top or manhole frame and cover.

Conversion of drainage structures as specified on the plans, or as directed by the Engineer, including structure reconstruction will be measured for payment as a unit.

Removal or abandonment of drainage structures outside of drainage trench excavation limits, as defined in 2.86.03, will be measured as separate units. There will be no measurement or direct payment for the application of the protective compound material, the cost of this work shall be considered as included in the general cost of the work. Measurement for payment for work and materials involved with installing pipes to connect new drainage structures into a run of existing pipe will be as provided for under the applicable Contract items in accordance with 6.86.04. There will be no measurement or direct payment for plugging existing pipes with cement masonry, the cost of this work will be considered as included in the general cost of the work.

5.86.05—Basis of Payment:

Drainage Trench Excavation for the installation of proposed structures described herein will be included in the unit price paid for the respective drainage Contract item(s) for which the excavation is being performed, in accordance with the provisions of 2.86.05.

Rock in Drainage Trench Excavation will be paid for in accordance with the provisions of 2.86.05.

Manholes and Catch Basins will be paid for at the Contract unit price for each "Manhole," or "Catch Basin," of the type and size specified, at "0' to 10' Deep" or "0' to 20' Deep," complete in place, which price shall include all excavation, backfill, materials, equipment, tools and labor incidental thereto.

Drop Inlets will be paid for at the Contract unit price for each "Drop Inlet," of the type specified, complete in place, which price shall include all excavation, backfill, materials, equipment, tools and labor incidental thereto.

Manholes, Catch Basins and Drop Inlets constructed to modified dimensions as directed by the Engineer, will be paid for as follows: Where the interior floor area has to be increased to accommodate existing field conditions, as measured horizontally at the top of the base of the completed structure, and does not exceed 125% of the interior floor area as shown on the plans for that structure, then the structure shall be paid for at the Contract unit price for each "Manhole," "Catch Basin," or "Drop Inlet" of the type specified. Where the floor area is greater than 125%, the increase in the unit price for the individual structure shall be in direct proportion to the increase of the completed structure interior floor area as compared to the interior floor area as shown on the plans for that structure. Such increased unit price shall include all excavation, materials, equipment, tools, and labor incidental to the completion of the structure. 2365.86.05

Reset Units will be paid for at the Contract unit price each for "Reset Manhole (Type)," "Reset (Type) Catch Basin," or "Reset (Type) Drop Inlet," respectively, complete in place, which price shall include excavation,

cutting of pavement, removal and replacement of pavement structure, and all materials, equipment, tools and labor incidental thereto, except when the work requires reconstruction greater than 3 feet, measured vertically, then the entire cost of resetting the unit will be paid for as Extra Work in accordance with the provisions of 1.04.05.

Frames, Covers, and Tops, when required in connection with reset units, will be paid for at the Contract unit price each for such "Manhole Frame and Cover" or "(Type) Catch Basin Top," complete in place, including all incidental expense; or when no price exists, the furnishing and placing of such material will be paid for as Extra Work in accordance with the provisions of 1.04.05. When the catch basin top has a stone or granite curb in its design, the curb or inlet shall be included in the cost of the "(Type) Catch Basin Top."

Conversion of drainage structures will be paid for at the Contract unit price each for "Convert Catch Basin to (Type) Catch Basin," "Convert Catch Basin to (Type) Manhole," or "Convert Manhole to (Type) Catch Basin," complete in place, which price shall include excavation, cutting of pavement, removal and replacement of pavement, backfill, all alterations to existing structure, all materials including catch basin frame and grate of the type specified, or manhole frame and cover, all equipment, tools and labor incidental thereto. The maximum change in elevation of frame under these items shall not exceed 3 feet. Greater depth changes, if required, shall be paid for as Extra Work, in accordance with 1.04.05.

Removal or abandonment of drainage structures outside of drainage trench excavation limits as defined in 2.86.03 will be paid for at the Contract unit price each for "Remove Drainage Structure – 0' to 10' Deep," "Remove Drainage Structure – 0' to 20' Deep," or "Abandon Drainage Structure," which price shall include excavation, cutting of pavement, removal and replacement of pavement, backfill, and all equipment, tools and labor incidental thereto.

Pay Item	Pay Unit
(Type) Catch Basin – 0' to 10' Deep	ea.
(Type) Catch Basin – 0' to 20' Deep	ea.
Manhole (Size) – 0' to 10' Deep	ea.
Manhole (Size) – 0' to 20' Deep	ea.
(Type) Drop Inlet	ea.
(Type) Catch Basin – 0' to 10' Deep	ea.
(Type) Catch Basin – 0' to 20' Deep	ea.
Manhole (Size) – 0' to 10' Deep	ea.
Manhole (Size) – 0' to 20' Deep	ea.
(Type) Drop Inlet	ea.
Reset (Type) Catch Basin	ea.
Reset Manhole (Type)	ea.
Reset (Type) Drop Inlet	ea.
Convert Catch Basin to (Type) Catch Basin	ea.
Convert Catch Basin to (Type) Manhole	ea.
Convert Manhole to (Type) Catch Basin	ea.
Manhole Frame and Cover	ea.
(Type) Catch Basin Top	ea.
Remove Drainage Structure – 0' to 10' Deep	ea.
Remove Drainage Structure – 0' to 20' Deep	ea.
Abandon Drainage Structure	ea.

TECHNICAL SPECIFICATIONS
CATCH BASIN REPAIR AND REPLACEMENT OF TOPS

Repair Catch Basins

The item for “Repair of Catch Basins” shall include all labor, equipment and materials required at the locations shown on the plans or as directed by the Town, in place according to Section 12.09 of the Form 818, as amended. The catch basins shall be repaired from top of frame four courses brick or block down.

Materials

5.86.02—Materials: The materials for this work shall meet the following requirements: Drainage structures shall meet the requirements of M.08.02 and shall utilize concrete with a 28-day minimum compressive strength of 4000 psi. Galvanizing shall meet the requirements of M.06.03. Mortar shall meet the requirements of M.11.04. Butyl rubber joint seal shall meet the requirements of ASTM C990. Granular fill, if necessary, shall meet the requirements of M.02.01. Protective compound material shall be a type listed on the Department’s Qualified Products List and be acceptable to the Engineer, as specified in M.03.09

Construction Methods

Construction methods shall comply with the requirements of Section 5.86.03 of the Form 818, as amended.

Method of Measurement

This work will be measured for payment by the following:

Manholes, Catch Basins and Drop Inlets will be measured as separate units. Resetting of Manholes, Catch Basins and Drop Inlets will be measured as separate units. Replacement of frames, covers, and tops will be measured as a unit for catch basin top or manhole frame and cover accepted by the Town.

Basis of Payment

This work will be paid for as follows:

for the installation of proposed structures described herein will be included in the unit price paid for the respective drainage Contract item(s) for which the excavation is being performed, in accordance with the provisions of 2.86.05 and accepted by the Town.

TECHNICAL SPECIFICATIONS
FOR SWEEPING AND DUST CONTROL

SWEEPING FOR DUST CONTROL

9.39.01—Description: This item shall consist of furnishing a pickup sweeper and accessory equipment and utilizing it for the removal of earth and other dust producing materials from paved surfaces for the purpose of allaying dust conditions. 9.39.03—Construction Methods: The Contractor shall have available and maintain in an operable condition equipment capable of efficiently sweeping up earth and other materials from paved surfaces. This equipment shall include suitable provisions for the application of water ahead of the sweeping brooms to prevent dusting, for the pickup, internal storage and removal of sweepings, and for the cleaning of areas of heavy accumulation beyond the capacity of the sweeper. The sweeping operations shall be under the control of the Engineer at all times. Sweeping shall take place at locations and times directed by the Engineer. The disposal of all sweepings shall meet with the approval of the Engineer.

9.39.04—Method of Measurement: Sweeping will be measured for payment by the number of hours of actual sweeping activity by the pickup sweeper or other mechanized equipment necessary for the removal of earth or dust producing materials from paved surfaces as directed by the Engineer or in the Contract.

9.39.05—Basis of Payment: Sweeping will be paid for at the Contract unit price per hour for "Sweeping for Dust Control," which price shall include the furnishing of all equipment, water, tools, labor and work incidental thereto. This price shall also include the maintenance of the pickup sweeper for the life of the Contract.

CALCIUM CHLORIDE FOR DUST CONTROL

9.42.01—Description: This item shall consist of furnishing calcium chloride and spreading it on the subgrade or in other areas of a Project under construction, for the purpose of allaying dust conditions. Daily and on weekend or holidays in order to keep dust down and the elimination of having to power wash homes in the project area.

9.42.02—Materials: Calcium chloride shall meet the requirements of AASHTO M 144, except that the pellet form and the flake form shall be equally acceptable.

9.42.03—Construction Methods: Calcium chloride shall be applied only at the locations, at such times and in the amount as may be directed by the Engineer. It shall be spread in such a manner and by such devices that uniform distribution is attained over the entire area on which it is ordered placed.

9.42.04—Method of Measurement: Weights as marked on the shipping containers shall be used; or if directed by the Engineer, scales shall be furnished by and at the expense of the Contractor, and the calcium chloride weighed in a manner satisfactory to the Engineer.

9.42.05—Basis of Payment: Payment for this work will be made at the Contract unit price per ton for "Calcium Chloride for Dust Control," which price shall include all material, equipment, tools, labor and work incidental thereto.

WATER FOR DUST CONTROL

9.43.01—Description: This item shall consist of furnishing water equipment, water, and applying it for the purpose of allaying dust conditions. Daily and on weekend or holidays in order to keep dust down and the elimination of having to power washing homes in the project area.

9.43.03—Construction Methods: The application of water shall be under the control of the Engineer at all times. It shall be applied only at locations at such times, and in the amount as may be directed by the Engineer. Quantities of water wasted or applied without authorization will not be paid for. The Contractor shall have available and maintain in an operable condition at all times, sufficient equipment for the purpose of applying water for dust control. This equipment shall consist of pipelines, tanks, tank-trucks, pumps, meters, hose, distributors or other devices approved by the Engineer. A suitable device for a positive shutoff and for regulating the flow of water shall be located so as to permit positive operator control.

9.43.04—Method of Measurement: This work will be measured for payment by the number of m. gallons. The water will be measured in tanks or tank-trucks of predetermined capacity, or by means of satisfactorily installed meters. Any and all measuring devices shall be furnished by the Contractor.

9.43.05—Basis of Payment: This work will be paid for at the Contract unit price per m. gallon for "Water for Dust Control," which price shall include all water, labor, and equipment including devices to measure and apply to surfaces designated by the Engineer and at the times specified. This price shall also include all work necessary to erect, relocate, re-erect, and dismantle the entire water equipment system.

**TOWN OF WATERTOWN
WATERTOWN, CONNECTICUT 06795**

**BID PROPOSAL: Middlebury Road Reclamation and Drainage
BID OPENING: September 7, 2023, 11:00 a.m.**

TO: *Donna Ford, Purchasing Agent
Town of Watertown
Town Hall
61 Echo Lake Road
Watertown, CT 06795*

The undersigned, as bidder, agrees to furnish material, labor and equipment for Middlebury Road Reclamation and Drainage project and declares that no person or persons, other than those named herein, are interested in this Proposal; that this Proposal is made without collusion with any person, firm, or corporation; that he has carefully examined the location of the proposed work therein referred to; that no person or persons acting in any official capacity for the Town is directly or indirectly interested therein or in any portion of the profit thereof; and that he proposes and agrees, if this Proposal is accepted; to provide all necessary equipment, tools, labor and deliver and to do all work and furnish all materials specified, in the manner and time therein prescribed, and according to the requirements of the Town as therein set forth, and that he will take in full payment therefor, the following unit prices and lump sums, to wit:

FIRM _____
Name _____
Street _____
City _____ State _____ Zip Code _____

NAME _____
Please Print

TELEPHONE NUMBER _____

EMAIL ADDRESS _____

SIGNED _____ DATE _____

Item # 5
4-Inch Double Yellow Painted Pavement Markings

The unit price of _____ Dollars
and _____ Cents
(\$ _____) per linear foot. 10,267 LF \$ _____

Item # 6
Painted Pavement Markings, Symbols and Legends

The unit price of _____ Dollars
and _____ Cents
(\$ _____) per square foot. 48 SF \$ _____

Item # 7
Repair of Catch Basins

The unit price of _____ Dollars
and _____ Cents
(\$ _____) Ea. 4.0 Ea. \$ _____

Item # 8
Replacement of Catch Basin Tops

The unit price of _____ Dollars
and _____ Cents
(\$ _____)Ea. 27.0 Ea. \$ _____

Item # 9
15" High Density Polyethylene Pipe - 0'-10' Deep

The unit price of _____ Dollars
and _____ Cents
(\$ _____) per linear foot 475.0 LF \$ _____

Item # 10
Type "C" Catch Basin - 0'-10' Deep

The unit price of

_____ Dollars
and _____ Cents
(\$ _____) Ea.

12.0 Ea. \$ _____

Item # 11
Sweeping for Dust Control

The unit price of

_____ Dollars
and _____ Cents
(\$ _____) per hour.

10.0 HR \$ _____

Item # 12
Calcium Chloride for Dust Control

The unit price of

_____ Dollars
and _____ Cents
(\$ _____) per Ton.

16.5 Ton. \$ _____

Item # 13
Water for Dust Control

The unit price of

_____ Dollars
and _____ Cents
(\$ _____) per thousand-gallon.

1,000.0 gal. \$ _____

Item # 14
Furnishing and Placing Topsoil

The unit price of

_____ Dollars
and _____ Cents
(\$ _____) per square yards

3,802 S.Y. \$ _____

Item # 15
Turf Establishment

The unit price of

_____ Dollars
and _____ Cents
(\$ _____) pers square yard.

3,802 S.Y. \$ _____

Item # 16
Rock in Trench 0-10.

The unit price of

_____ Dollars
and _____ Cents
(\$ _____) per cubic yard (CY)

10.0 C.Y. \$ _____

Item # 17
Bituminous Saw Cutting

The unit price of

_____ Dollars
and _____ Cents
(\$ _____) per linear foot (LF)

1875 L.F. \$ _____

Item # 18
Bituminous Pavement for Driveway Aprons

The unit price of

_____ Dollars
and _____ Cents
(\$ _____) per square foot (SF)

7,000 S.F. \$ _____

Item # 19
Pipe Tie Ins

The unit price of

_____ Dollars
and _____ Cents
(\$ _____) (EA)

10.0 EA \$ _____

Item # 20

Bituminous Curbing

The unit price of

_____ Dollars
and _____ Cents
(\$ _____) per linear foot (L.F)

17,107 L.F.

\$ _____

Item # 21

Type "C" CB Special Open Back 0-10 Feet

The unit price of

_____ Dollars
and _____ Cents
(\$ _____) per each

1.0 EA

\$ _____

**Computed
Total –**

\$ _____

NOTE: The Town reserves the right to eliminate any item or portion of the work which it deems to be in its best interest.

Payment Terms _____

Time to Completion _____ Working Days

Warranty _____

Have you taken any exceptions or have you deviated from our printed specification and if so, are such suggested changes clearly noted on the page provided for exceptions to specifications?

yes

no

RECEIPT OF ADDENDA

<u>ADDENDUM #</u>	<u>SIGNATURE</u>	<u>DATE</u>
1.	_____	__/__/__
2.	_____	__/__/__
3.	_____	__/__/__
4.	_____	__/__/__

NAME OF BIDDER: _____

OFFICIAL ADDRESS: _____

PHONE NUMBER: _____

BY: _____ TITLE: _____
(Please Print)

DATE: _____

SIGNATURE: _____

PROPOSED SUBCONTRACTORS

FIRM _____
Name _____
Street _____
City State Zip Code _____

CONTACT _____ TELEPHONE _____
Please Print
TYPE OF WORK TO BE PERFORMED _____

FIRM _____
Name _____
Street _____
City State Zip Code _____

CONTACT _____ TELEPHONE _____
Please Print
TYPE OF WORK TO BE PERFORMED _____

FIRM _____
Name _____
Street _____
City State Zip Code _____

CONTACT _____ TELEPHONE _____
Please Print
TYPE OF WORK TO BE PERFORMED _____

REFERENCES

The Bidder is required to fill out the following form to enable the Owner to make inquires and judgement as to the Bidder’s experience, skill, available financial resources, credit and business standing.

1. Number of years the Bidder has been in business:_____.

2. List three (3) projects of similar in nature to the project described herein that the Bidder has completed along with the approximate cost. Include the name, address and telephone number of a reference for each project.

3. List projects presently under construction by the Bidder, dollar volume of the Contract and percent completed.

4. Has the Bidder ever failed to complete work awarded to him; and if so, state where and why.

5. Does the Bidder plan to sublet any part of this work; and if so, give details.

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned,

as Principal, and

as Surety, are hereby held and firmly bound unto

_____ as OWNER in the penal sum of
_____ for the payment of which, well and truly
to be made, we hereby jointly and severally bind ourselves, successors and assigns.
Signed, this _____ day of _____, 20___. The Condition of the
above obligation is such that whereas the Principal has submitted to
_____ a certain BID, attached hereto and
hereby made a part hereof to enter into a contract in writing, for the:

NOW, THEREFORE,

(a) If said BID shall be rejected or

(b) If said BID shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attached hereto (properly completed in accordance with said BID) and shall furnish a BOND for his faithful performance of said contract, and for the payment of all persons performing labor or furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said BID, then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its BOND shall be in no way impaired or affected by any extension of the time within which the OWNER may accept such BID; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and the year first set forth above.

_____ (L.S.)

Principal

Surety

By: _____

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS THAT:

(Name of Contractor)

(Address of Contractor)

A _____, hereinafter called Principal
(Corporation, Partnership, or Individual)

(Name of Surety)

(Address of Surety)

hereinafter called SURETY, are held and firmly bound unto

(Name of Owner)

(Address of Owner)

Hereinafter called OWNER, in the penal sum of _____ Dollars,

\$_____ in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT WHEREAS, THE Principal entered into a certain contract with the OWNER, dates the _____ day of _____ 20__, a copy of which is hereto attached and made a part hereof for the construction of:

NOW, THEREFORE, if the Principal shall well, truly and faithfully perform its duties, all the undertakings, covenants, terms, conditions, and agreements of said contract during the original term thereof, and any extensions thereof which may be granted by the OWNER, with or without notice to the SURETY and during the guaranty period, and if he shall satisfy all claims and demands incurred under such contract, and shall fully indemnify and save harmless the OWNER from all costs and damages which it may

suffer by reason of failure to do so, and shall reimburse and repay the OWNER all outlay and expense which the OWNER may incur in making good any default, then this obligation shall be void, otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said surety, for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to WORK to be performed thereunder or the SPECIFICATIONS.

PROVIDED, FURTHER, that no final settlement between the OWNER and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may be satisfied.

IN WITNESS WHEREOF, this instrument is executed in _____ counterparts each one of which shall be deemed an original, this ____ day of _____, 20__.

ATTEST:

Principal

By: _____(s)

(Principal)
Secretary (SEAL)

(Witness as to Principal)

(Address)

ATTEST:

(Surety)
Secretary (SEAL)

IMPORTANT: Surety companies executing BONDS must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the PROJECT is located.