TOWN OF WATERTOWN
WATERTOWN, CONNECTICUT

NOTICE OF BID

Colonial Street Headwall Replacement
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, Town Hall Annex, 424 Main Street, Watertown, Connecticut, until 11:00am on Thursday, May 28th, 2015 at which time and place they will be publicly opened and read aloud for furnishing pavement rehabilitation as specified herein.

The Information for Bidders, Form of Bid, Specifications, Performance and Payment Bonds, and other contract documents may be obtained or examined at the office of the Purchasing Agent, Town Hall Annex, 424 Main Street, 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 – Colonial Street Headwall Replacement”.

The Town of Watertown shall require the payment of prevailing rates of wages in accordance with the wage section of the Connecticut General Statutes 31-53, 93-392 and shall institute such investigations and periodic monitoring procedures as deemed necessary to determine compliance with labor standard provisions and the Federal requirements of the Statutes as amended.

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.

Jason Warner
Purchasing Agent
Town of Watertown
INFORMATION FOR BIDDERS

TOWN OF WATERTOWN
WATERTOWN, CONNECTICUT 06795

Colonial Street Headwall Replacement
Watertown Public Works Department

BID OPENING: 11:00am on Thursday, May 28th, 2015

PROPOSALS RECEIVED
All bids must be in a sealed envelope and received prior to 11:00am on Thursday, May 28th, 2015 at the office of the Purchasing Agent, 424 Main Street, 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, Town Hall Annex, 424 Main Street, 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.
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 materials, labor and equipment necessary to carry out the work 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.

Where exploration or inspection data is shown on the Plans and/or specifications or made available to the Bidder, it is understood that such data where obtained in the usual manner and with reasonable care and are to be interpreted and used as the Bidder sees fit. There is no expressed or implied agreement that the data has been correctly indicated, and the Bidder is cautioned to take into account that conditions affecting the work may differ from those indicated.

The Owner assumes no responsibility whatsoever with respect to ascertaining for the Contractor such facts concerning physical characteristics relating to this project. The Bidder agrees that he shall make no claim for and has no right to additional payment or extension of time for completion of the work, or any other concession, because of any interpretations or misunderstanding on his part of this
bid, or because of any failure on his part to fully acquaint himself with all conditions relating to the work. Permission for making borings, test pits, destructive tests or other investigations of subsurface conditions will be arranged for by the bidder upon receipt of a written approval by the Town.

**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. We strongly suggest that you 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, 424 Main Street, 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 your 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 **11:00am on Thursday, May 28th, 2015**. The successful agent/broker shall not withdraw, cancel or modify their proposal.

**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.
EXECUTION OF CONTRACT
The party to whom the Contract is awarded, or his authorized representative, will be required to attend at the office of the Purchasing Agent of the Town of Watertown, with the sureties offered by him or them, and a current certificate of Corporate good standing issued by the Office of the Secretary of State, in which the corporation is incorporated, and execute the Contract within five (5) days from the date of the award. If the party entering into this contract is a corporation, a Corporate Resolution duly executed by the President and Secretary of the Corporation authorizing the Corporation to enter into this Contract shall be provided. In case of his failure or neglect so to do, the Town may, at its option, determine that the Bidder has abandoned the Contract, and thereupon the Proposal and acceptance shall be null and void, and bid security accompanying the Proposal shall be forfeited as liquidated damages to the Town. If the party entering into this contract is a partnership, a partnership resolution duly executed by a majority of the general partners authorizing the partnership to enter into this contract shall be provided.

SUBCONTRACTORS
A. Each bidder contemplating the use of any subcontractor shall submit a list of subcontractors as listed on the Bid Form.

B. 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.

C. 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
Public Works/Engineering Dept.
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 bidders 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 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 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 vendor 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.

REPAIRS FOR ONE (1) YEAR
The bidder's attention is especially directed to the Guarantee Section of the contract whereby two percent (2%) of the Contract amount will be retained for making repairs on the work, as may be required, during the guarantee period of one (1) year after the date of the final estimate.

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.

DISPUTE RESOLUTION
1. Mandatory Negotiation.
   The parties agree that they will attempt to negotiate in good faith any dispute of any nature arising under this agreement. The parties shall negotiate in good faith at not less than two (2) negotiation sessions prior to seeking any resolution of any dispute by any means under Dispute Resolution provisions contained herein below. Each party shall have the right to legal representation at any such negotiation session.

2. Mandatory Mediation.
   Any dispute or question arising under the provisions of this agreement, which has not been resolved under the mandatory negotiation provision, shall be submitted to non-binding mediation before one (1) mediator agreed upon by the parties or appointed by the American Arbitration Association. Mediation proceedings shall take place at any suitable location in
Watertown, Connecticut and shall be conducted in accordance with the rules and procedures of the mediation then applicable of the American Arbitration Association. If an independent mediator is agreed upon by the parties, said independent mediator shall establish the rules of such mediation. Each party shall pay one half of all costs and expenses of such mediation. The parties shall use their best efforts to reach a good faith resolution of said dispute within ninety (90) days after the commencement of the mediation proceedings. Any decision of the mediator shall not be binding upon the parties except by agreement of the parties.

3. Election to Begin Court Proceedings.
Provided the parties have completed the mandatory negotiation proceedings and the foregoing provisions with respect to mediation notwithstanding, if either party determines that mediation is not an appropriate means to settle any such dispute, such party shall have the right to commence judicial proceedings for the purpose of settling any such dispute.

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 Jason Warner, Purchasing Agent at (860) 945-5260 or via email at warner@watertownct.org.
TOWN OF WATERTOWN  
WATERTOWN, CONNECTICUT

TECHNICAL SPECIFICATIONS

Colonial Street Headwall Replacement  
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 with special emphasis on precast retaining walls
- Provide a copy of OSHA 10 certification for each person working on project, including proposed subcontractors, if any.

Project Description

This project consists of the removal of the existing headwall, extension of 54” Reinforced Concrete Pipe (RCP), construction of a new precast headwall and incidental related work on Colonial Street in Watertown, Connecticut.

TECHNICAL SPECIFICATIONS

This project consists of removal and replacement of the existing headwall on Wattles Brook at the Colonial Street crossing 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 816”, as supplemented and as amended below. However, it should be noted that reference to the Form of 816 is for convenience only and is not meant to imply or to infer that this project is an 816 project or that all of the terms and conditions of the Form 816 apply. Mobilization 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.

All work requiring intrusion into the shoulder or traffic lanes must be done in July and August of 2015.

Trafficmen:
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 816, 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. Contractor shall be responsible for all fees associated with not notifying Extra Duty Office in time to cancel extra duty officers.
TECHNICAL SPECIFICATIONS
CLEARING AND GRUBBING

Description

The work under the item for “Clearing and Grubbing” consist of clearing the ground of trees, stumps, brush, rubbish and all objectionable material in accordance with the specifications or as directed by the Town. This work shall also include the preservation from injury or defacement of vegetation and objects designated to remain. All wood greater than three inches (3”) in diameter will be cut to four foot (4’) lengths and left stacked on owner’s property. At least ten (10) days prior to any tree removal there shall be a tree removal meeting on-site and all trees that are six inches (6”) or greater in diameter to be removed shall be flagged by the Watertown Tree Warden or representative. With permission of the town, vegetative material may be chipped and spread on-site, if appropriate.

Construction Methods

The construction methods shall be in accordance with 2.01.03 of the Form 816, as amended. Trees, stumps, brush and other vegetative waste may be disposed of at the town of Watertown Transfer Station, located on Old Baird Road, at no charge to the Contractor, during normal Transfer Station business hours.

Method of Measurement

This work will not be measured for payment.

Basis of Payment

Payment for this work will be at the contract lump sum price for “Clearing and Grubbing,” which price shall include all equipment, tools, and labor incidental to the completion of this item. All costs incidental to the disposal of trees, stumps, etc., will be included in the price of “Clearing and Grubbing.”
TECHNICAL SPECIFICATIONS
CURBING

Description:

**Bituminous Concrete Lip Curb:**
The item for “Bituminous Concrete Lip Curb (BCLC)” shall include all labor, equipment and materials required to provide the bituminous concrete lip curb, including tack coat in accordance with Form 816 and as shown on the plans. All BCLC shall be backed up by topsoil, which shall be seeded and mulched in accordance with the appropriate line item.

**Materials**

**Bituminous Concrete Lip Curb:**

Materials, including tack coat, shall conform to the requirements of Article 8.15 of the Form 816.

**Construction Methods**

Bituminous concrete lip curb— in accordance with Article 8.15 of the Form 816, as amended. Tack coat material – in accordance with the Form 816, as amended.

**Method of Measurement**

This work will be measured for payment by the following:

- Number of linear feet of Bituminous Concrete Lip Curb as measured along the top of the curb, as shown on the plans or as directed by the Engineer.
- Tack coat material will not be measured or paid for separately but shall be included in the price bid per unit foot of curbing.

**Basis of Payment**

This work will be paid for as follows:

- Contract unit price per each linear foot of bituminous concrete lip curb, complete and accepted in place, which price shall include all equipment, material, labor and work incidental to as specified herein.
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 reinforced concrete pipe shall be Class IV or V (as shown on plans) and rubber-gasketed. There shall be no separate payment for pipe excavation, bedding, backfill, 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.

Construction Methods

1. Pervious structure backfill – in accordance with the Requirements of Article 2.16 of the Form 816, except that payment will be included in the item for “Type “ or “Headwall.”.
2. Geotextile material – in accordance with the Requirements of Article 7.55 of the Form 816 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 816 as amended and joints shall be rubber gasketed for RCP.
4. Pipe bedding – in accordance with Article M.08.03 of the Form 816, as amended.
5. 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 or pipe being connected to.

Basis of Payment

This work will be paid for as follows:

   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
HEADWALL REMOVAL

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 “Headwall Removal”. Contractor is responsible for dewatering and dust control, which cost shall be paid for in the price bid for other items. Test borings were not performed.

Removal of existing bituminous concrete curbing, guide rail and headwall will not be measured or paid for separately but shall be included in the item “Headwall Removal.”

Construction Methods

1. The excavation of existing roadway and headwall material, in accordance with the Requirements of Article 2.02 of the Form 816, as amended. Surplus material is the responsibility of the Contractor.
2. The removal of existing bituminous concrete curbing and guide rail is included in the item “Removal of Existing Headwall”. Surplus material is the responsibility of the Contractor.
3. The removal of existing headwall, in accordance with the Requirements of Article 9.74 of the Form 816, as amended. Surplus material is the responsibility of the Contractor.
4. The excavation of trench material, in accordance with the Requirements of Article 2.05 of the Form 816, as amended. Surplus material is the responsibility of the Contractor.
5. Processed gravel base – in accordance with the Requirements of Article 3.04 of the Form 816, as amended.
6. Pervious structure backfill – in accordance with the Requirements of Article 2.16 of the Form 816, as amended, except that payment will be included in the item for which it is required.
7. Geotextile material – in accordance with the Requirements of Article 7.55 of the Form 816, 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.
8. Pipe bedding – in accordance with Article M.08.03 of the Form 816, as amended.
9. 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.
10. The cost for clearing and grubbing shall be included in the clearing and grubbing item and no other separate payment shall be made, except as noted in the plans. Otherwise, the terms and conditions of Section 2.01 of the Form 816 apply.
11. 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 ready for placing asphalt pavement upon completion of the backfill and compaction operation.
Method of Measurement

This work will not be measured for payment but shall be included in the lump sum bid.

Basis of Payment

This work will be paid for as follows:

Contract lump sum price, complete in place and accepted, which price shall include all equipment, material, labor and work incidental thereto as specified herein.
TECHNICAL SPECIFICATIONS
BITUMINOUS CONCRETE

Description

Work under this section includes the furnishing and placing of a smooth and dense bituminous concrete mixture with a uniform texture. Work under this section shall also include sawing and sealing of joints and cracks, formation of subgrade, provision of tack coat material and raising existing utility structures to grade. Materials for utility raising (rings, valve boxes, etc…) shall be provided by Town. All work performed under this item shall be in conformance with the State of Connecticut Department of Transportation “Standard Specifications for Roads, Bridges and Incidental Construction”, Form 816 as amended. It is expressly stated that the specific references to the Form 816 is for the technical requirements stated therein and that this project is not an 816 project, nor are all of the other terms of the Form 816 applicable.

Materials

Materials under this section shall conform to the requirements of Article M.04 of the Form 816.

Processed Aggregate
Processed aggregate shall conform to the requirements of Article M.05.01 of the Form 816; except the coarse aggregate shall be broken stone and fine aggregate shall be stone sand, screenings or a combination thereof.

Construction Methods

1. Bituminous concrete – in accordance with Article 4.06 of the Form 816, as amended.
2. 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.
3. All vendors must provide a detailed delivery ticket for every load of material supplied. Town reserves the right to withhold payment for material for which no ticket is provided.
4. Processed aggregate shall be installed in compliance with Section 3.05 of the Form 816.
5. Formation of Subgrade shall be performed in compliance with Section 2.09 of the Form 816.

Method of Measurement

This work will be measured for payment by the following:

   Number of tons of Bituminous Concrete – of Class shown on plans, as specified or as directed by Town, spread and accepted in place, as documented by the net weight in tons subject to the theoretical yield computations as described in the Form 816,
Tack coat and formation of subgrade will not be measured or paid for separately, but shall be included in prices bid per unit price.

Number of cubic yards of processed aggregate, as shown on the plans or as ordered by the Town, complete and accepted in place.

**Basis of Payment**

This work will be paid for as follows:

Contract unit price per ton for bituminous concrete installed and accepted complete in place, which price shall include all equipment, material, labor and work incidental to as specified herein.

Contract unit price per cubic yard for processed aggregate, complete and accepted in place, which work shall include all equipment, material, labor and work incidental thereto.
TECHNICAL SPECIFICATIONS
HEADWALL REPLACEMENT

Description:

This item is for the provision of a precast concrete headwall, complete and accepted in place.

Materials

1. Headwall shall consist of EZ Block wall units, as manufactured by United Concrete or approved equal.
2. Concrete shall be 3500 psi Class “A” concrete conforming to Article M.03.01 of the Form 816.
3. Leveling pad shall be comprised of AASHTO #89 stone, compacted to a minimum of 95% of the maximum standard Proctor density per ASTM D-698.
4. Free draining material shall meet the requirements of Article 2.08 and M.02.07 of the Form 816.
5. Gravel shall meet the requirements of Article 2.14 and M.02.02 of the Form 816.

Construction Methods

1. Contractor shall provide engineering design, stamped by a professional Engineer, licensed in the state of Connecticut. Shop drawings submitted by contractor shall be reviewed and approved by town prior to construction. Color shall be as approved by Town.
2. Headwall shall be installed in compliance with Article 5.06 of the Form 816 and manufacturer’s specifications. In case of conflict, manufacturer’s specifications shall prevail. Copy of installation details and specifications shall be reviewed and approved by Town prior to construction.
3. Free draining material shall be installed in compliance with Article 2.08 of the Form 816.
4. 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.
5. Contractor shall provide the services of a testing laboratory. Testing laboratory shall obtain a minimum of three concrete cylinders for 7 and 28 day compression testing and shall perform on-site testing for slump and air entrainment. Laboratory and field inspection reports to be provided to town prior to approval of payment for this item.

Method of Measurement

This work will be measured for payment by the following:

Number of square feet of the headwall blocks of the size and type specified to the pay limit of the headwall, as shown on the plans or as specified by manufacturer.
Excavation, backfill, bedding and leveling pad material, compaction, gravel and free draining backfill shall not be measured for payment separately but shall be included in the unit prices bid. Concrete shall be measured for payment by the cubic yard, complete and accepted in place to the limits as shown on the contract drawings. Testing services shall not be measured or paid for separately but shall be included in the price bid per cubic yard.

**Basis of Payment**

This work will be paid for as follows:

Contract unit price per each square foot linear foot of block of the size and type specified, complete and accepted in place, which price shall include all testing, labor, bedding, excavation, compaction, backfill, equipment, materials and work incidental to as specified herein. Contract unit price per cubic yard of concrete of the type specified, to the pay limits as shown on the drawings or as ordered by the Town, which price shall include all testing, labor, equipment, materials, forms, and work incidental thereto.
TECHNICAL SPECIFICATIONS
MAINTENANCE AND PROTECTION OF TRAFFIC

Description:

The item for “Maintenance and Protection of Traffic” shall include all labor, equipment and materials required in accordance with the Form 816, except that this item shall also include the cost of signs, barricades, drums, lights, delineators, traffic cones and furnishing and placing of materials such as borrow, gravel, crushed stone, bituminous concrete for patching and pipe. Contractor is solely responsible for work zone safety and shall provide, at a minimum, the work zone signage attached. Roadway shall be kept open to at least one-way traffic to access residences within the project area at all times, and shall be opened to two way traffic at the completion of the work day. Work Zone shall be protected by means of precast concrete barriers with reflectors and the excavation shall be protected when no guide rails are in place. A detour may be arranged with prior approval of the Town. Contractor to work with adjacent property owners to provide access to individual homes to the greatest extent practicable. Work zone cone, barricade and signage patterns shall be based upon the posted speed limit of 25 miles per hour and the attached plates.

Method of Measurement

This work will not be measured for payment.

Basis of Payment

This work will be paid for at the contract lump sum price for “Maintenance and Protection of Traffic” in accordance with Article 9.71 of the Form 816, except that this item will also include all costs for signs, barricades, drums, traffic cones, lights, delineators and the cost of furnishing, placing or relocating of materials such as temporary precast concrete barriers, borrow, gravel, crushed stone, bituminous concrete for patching, pipes and temporary repairs or to maintain safe and efficient vehicular and pedestrian traffic.
TECHNICAL SPECIFICATIONS
TOPSOIL AND TURF ESTABLISHMENT

Description:
The item for “Topsoil and Turf Establishment” shall include all labor, equipment and material necessary to strip and stockpile existing topsoil, respread stockpiled topsoil to line, depth and grade at the locations as shown on the plans or as directed by the Engineer, rake out all stones 1” and greater in size as well as roots and other objectionable material, seed and mulch in accordance with Articles 9.44 and 9.50 of the Form 816, as amended, at the unit price per square yard. This item will be bid as an add/alternate and Town forces may perform the work.

Materials
Topsoil, fertilizer, seed, and mulch shall conform to the requirements of Section M.13 of the Form 816, as amended.

Construction Methods

1. Topsoil and Turf Establishment - in accordance with Articles 9.44 and 9.50 of the Form 816, as amended,
2. 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.

All work must be complete, and accepted in place by October 15, 2006.

Method of Measurement
This work will be measured for payment by the following:

1. Number of square yards of Topsoil and Turf Establishment as shown on the plans or as directed by the Engineer. This work will be bid as an add/alternate and may be performed by Town forces.

Basis of Payment
This work will be paid for as follows:

Contract unit price per each square yard of “Topsoil and Turf Establishment”, complete and accepted in place, which price shall include all equipment, mowing, watering, maintenance, material, labor
and work incidental to as specified herein. Partial payment of up to 60% may be made for work completed, but not accepted, at the option of the Town.

TECHNICAL SPECIFICATIONS
HANDLING WATER

Description

Work under this item shall consist of the construction of such temporary flow diversions and bypass culvert, excavation, fill, barriers or other such protective facilities and methods as are necessary for the conduction of water beyond the limits of construction; the unwatering of the site on which the permanent structure is to be constructed; and the removal of such temporary facilities upon the completion of the permanent work or as required. The handling of water shall be in accordance with the requirements of Article 2.04 of the Form 816 and the Conservation Commission permit (copy attached). For the purposes of this specification, such work shall be understood to mean any temporary type of protective facility which the Contractor elects to build or use to satisfy, and which does satisfy, the condition that the permanent structures be placed and built in the dry. The handling of flood flows and the protection of existing structures, and any or all of the finished construction during high water, are included in the scope of the work under this item.

Materials

None

Construction Methods

The Contractor shall investigate and verify existing stream conditions, and evaluate the need for, and the type of protection and facilities required. Before commencing construction, the Contractor shall furnish the Engineer with details of the plan and methods he proposes to use for handling water and accomplishing the work. The Contractor shall furnish pipe strength calculations prepared by a State of Connecticut licensed professional engineer for all pipes used for haul roads. The furnishing of such plans and methods shall not relieve the Contractor of any of his responsibility for the safety of the work and for the successful completion of the project.

No separate payment will be made for temporary sheet piling or sandbagging for the containment of the main stream channel flow or for flow diversion. The height of any other sheet piling, flow diversions and barriers shall be elected by the Contractor to provide reasonable protection from flooding and provide minimum protection as shown on the plans. All such temporary structures or facilities shall be safely designed, extended to sufficient depth and be of such dimensions and watertightness so as to assure construction of the permanent work in the dry. They shall not interfere with proper performance of the work. Their construction shall be such as to permit excavation for the permanent work to the limits shown on the plans. Interior dimensions shall give sufficient clearance for construction and inspection of forms. Movements or failures of the temporary protection
facilities, or any portions thereof, which prevents proper completion of the permanent work, shall be corrected at the sole expense of the Contractor.

Any pumping from within the areas of construction shall be done in such a manner as to prevent the possibility of movement of water through any fresh concrete. No pumping will be permitted during placing of concrete or for a period of 24 hours thereafter, unless it be done from a suitable sump properly located and with sufficient pumping capacity to protect against damage from sudden rising of water. Any pumped water must be discharged in accordance with the requirements of Article 2.04 of the Form 816. Unless otherwise provided, or directed, all such temporary protective work shall be removed and disposed of in an approved manner when no longer required.

The Contractor shall be responsible for the scheduling of work under this item so as not to interfere with any sequence of operations developed for this project. Delays as a result of work required under this item shall not constitute a claim for an extension of contract time.

**Method of Measurement**

This item, being paid for on a lump sum basis, will not be measured for payment.

**Basis of Payment**

Payment for this item will be made at the contract lump sum price for "Handling Water," complete and accepted, which price shall include all tools, material, equipment, labor and work incidental to the construction; reconstruction; if required; unwatering, including pumping, handling of the stream flow during construction; the removal and disposal of all protective works or facilities; disposal of water removed from the construction; damages incurred by the Contractor; and any damages to existing facilities and to the work in progress, materials or equipment from flows or high stages of the stream. The lump sum payment for "Handling Water: shall also include all excavation and filling required for temporarily relocating
TECHNICAL SPECIFICATIONS
RIPRAP

Description

The item for “Riprap” shall include all labor, equipment and materials required to provide the riprap of the size and type specified, as shown on the plans or as directed by the Town, gravel base and geotextile, complete and accepted in place according to Form 816 and as shown on the plans. There shall be no separate payment for the excavation, geotextile material or granular fill under the riprap, but these items shall be included in the price bid per cubic yard (CY) of riprap.

Construction Methods

The excavation of existing material, in accordance with the Requirements of Article 2.02 of the Form 816. Surplus material is to be deposited elsewhere in town, as directed by the Town.
Processed gravel base – in accordance with the Requirements of Article 3.04 of the Form 816, as amended.
Gravel fill - in accordance with the Requirements of Article 2.02 of the Form 816, as amended.
Geotextile material – in accordance with the Requirements of Article 7.55 of the Form 816 except that payment shall be included in the item “Riprap.”
Riprap – in accordance with Article 7.03 of the Form 816, as amended.

Method of Measurement

This work will be measured for payment by the following:

Number of cubic yards of riprap, of the size specified as shown on the plans or as directed by the Engineer.

Processed gravel, geotextile material, and gravel fill shall not be measured for payment separately but shall be included in the unit prices bid.

Basis of Payment

This work will be paid for as follows:

Contract unit price per cubic yard for riprap installed and accepted complete in place, which price shall include all equipment, material, labor and work incidental to as specified herein.
TECHNICAL SPECIFICATIONS
METAL BEAM RAIL

Description

Work under this section include the furnishing and installation of a line of steel rail elements fastened to steel posts as shown on the plans. All work performed under this item shall be in conformance with the State of Connecticut Department of Transportation “Standard Specifications for Roads, Bridges and Incidental Construction”, Form 816 as amended. It is expressly stated that the specific references to the Form 816 is for the technical requirements stated therein and that this project is not an 816 project, nor are all of the other terms of the Form 816 applicable.

Materials

Materials under this section shall conform to the requirements of Article 9.10.02 of the Form 816, as amended

Construction Methods

Construction methods under this section shall conform to the requirements of Article 9.10.03 of the Form 816, as amended.

Method of Measurement

This work will be measured for payment by the following:

The length of metal beam rail measured for payment shall be the actual number of linear feet of accepted rail of the type or designation installed including delineators, measured along the top of the rail between centers of end posts in each continuous section.

Basis of Payment

This work will be paid for as follows:

Contract unit price for the types shown on the plans installed and accepted complete in place, which price shall include all equipment, material, posts of all lengths, tools, removal and disposal of surplus material, backfilling, labor and work incidental to as specified herein.
TECHNICAL SPECIFICATIONS
METAL BEAM RAIL ANCHORAGES

Description

Work under this section includes the furnishing and installation of metal beam rail anchorages of the type shown on the plans or as specified. All work performed under this item shall be in conformance with the State of Connecticut Department of Transportation “Standard Specifications for Roads, Bridges and Incidental Construction”, Form 816 as amended. It is expressly stated that the specific references to the Form 816 is for the technical requirements stated therein and that this project is not an 816 project, nor are all of the other terms of the Form 816 applicable.

Materials

Materials under this section shall conform to the requirements of Article 9.11.02 of the Form 816, as amended

Construction Methods

Construction methods under this section shall conform to the requirements of Article 9.11.03 of the Form 816, as amended.

Method of Measurement

This work will be measured for payment by the following:

The length of metal beam rail measured for payment shall be the actual number of end anchorages of each type installed, complete and accepted in place.

Basis of Payment

This work will be paid for as follows:

Contract unit price for the types shown on the plans or specified, installed and accepted complete in place, which price shall include all equipment, material, excavation, drilling and grouting, tools, removal and disposal of surplus material, backfilling, labor and work incidental to as specified herein.
TECHNICAL SPECIFICATIONS
SEDIMENTATION CONTROL SYSTEM

Description

The item for “Sedimentation Control Systems” shall include all labor, equipment and materials required to furnish, place, maintain and remove sedimentation control systems, as shown on the plans or as directed by the Town, in place according to Form 816, as amended. There shall be no separate payment for the cleaning out accumulated sediment or replacing failed system.

Materials

Materials shall conform to the requirements of Section 2.19 of the Form 816, as amended.

Construction Methods

System shall be placed and maintained in accordance with the requirements of Section 2.19 of the Form 816, as amended.

Method of Measurement

This work will be measured for payment by the following:

Number of linear feet of sedimentation control systems as measured along the centerline of the system installed and accepted. Replacement systems shall not be measured for payment.

Basis of Payment

This work will be paid for as follows:

Contract unit price per linear foot of sedimentation control systems installed and accepted complete in place, which price shall include all equipment, material, labor, tools and work incidental to the placement, maintenance, replacement, removal and disposal of the system and surplus material. No payment shall be made for cleaning out accumulated sediment or replacement materials.
TECHNICAL SPECIFICATIONS
CONSTRUCTION STAKING

Description

The work under the item for “Construction Staking” shall consist of all construction layout and reference staking necessary for the proper control and satisfactory completion of all work on the project, except base line to be provided by Town, property lines, highway lines and non-access lines.

Construction Methods

The construction staking methods shall be in accordance with Article 9.80 of the Form 816, as amended. All references to “Department” shall mean Town of Watertown.

Method of Measurement

This work will not be measured for payment but shall be paid at the contract unit prices for other items.

Basis of Payment

Payment for this work will be at the contract unit prices for other items which price shall include all equipment, tools, and labor incidental to the completion of this item.
TECHNICAL SPECIFICATIONS
RELOCATE FLOOD CONTROL BOX

**Description**

Work under this item shall consist of the relocation of the existing flood control box presently mounted on the side of the existing headwall to the exterior face of the new headwall. All work shall comply with the approved electrical code.

**Materials**

None

**Construction Methods**

The Contractor shall carefully remove the existing flood control sensor from the existing box, provide a new conduit of same material to the exterior wall of the new headwall, and mount a new box at the same elevation as previously. Box is to be securely mounted to wall. Work includes provision of new box, wiring and connections. Upon completion of project, flood control sensor is to be tested and accepted in the presence of the town. All work is to be done by properly licensed contractor personnel.

**Method of Measurement**

This item, being paid for on a lump sum basis, will not be measured for payment.

**Basis of Payment**

Payment for this item will be made at the contract lump sum price for "Relocate Flood Control Box," complete and accepted, which price shall include all tools, material, equipment, labor, testing and work incidental to the construction.
DESCRIPTION

The item for “Stream Gauge Assembly” shall include all labor, equipment and materials required to furnish, place, maintain and remove a stream gauge assembly, as shown on the plans or as directed by the Town, in place according to Form 816, as amended. Special care shall be taken so that water may not enter into conduit back to school.

MATERIALS

Materials shall conform to the requirements of the Form 816, as amended and as recommended by the manufacturer.
Level riser pipe shall be aluminum or galvanized or stainless steel with perforations.
Level Switch shall be Model Omega #LV-50.
Underground conduit shall be as shown on plans.
Junction box and fittings shall be galvanized and rated watertight for damp environments. All joints and fittings shall be gasketed and watertight.
Wiring size shall be as recommended by manufacturer.

CONSTRUCTION METHODS

System shall be placed and maintained in accordance with the plans and manufacturer’s recommendations. Securely fasten level riser pipe to wall with approved system. Connect new conductors to existing wires in junction box located on Swift School grounds. System is to be tested and operational in presence of Town Engineer prior to acceptance.

METHOD OF MEASUREMENT

This work will be measured for payment by the following:

Number of stream gauge assemblies installed and accepted.

BASIS OF PAYMENT

This work will be paid for as follows:

Contract unit price per each stream gauge assembly installed and accepted complete in place, which price shall include all equipment, material, labor, tools and work incidental thereto.
PLEASE

IT IS A REQUIREMENT OF THIS BID THAT EACH PROPOSAL SUBMITTED MUST HAVE A DUPLICATE COPY ATTACHED.

YOUR COOPERATION IS APPRECIATED
BID PROPOSAL

Colonial Street Headwall Replacement
Watertown Public Works Department

BID OPENING: 11:00am on Thursday, May 28th, 2015

TO:    Jason Warner, Purchasing Agent
        Town of Watertown
        Town Hall Annex
        424 Main Street
        Watertown, CT 06795

The undersigned, as bidder, agrees to furnish aggregate sealing of public roads as specified herein 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; 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 ________________________________

FAX NUMBER ________________________________

EMAIL ADDRESS ________________________________

SIGNED ___________________________________________ DATE __________________
1. **Headwall Removal**

The unit price of

_____________________________ Dollars

and __________________________ Cents

($________________________) per lump sum (LS) \hspace{1cm} 1 \text{ LS} \hspace{1cm} $__________

2. **Handling Water**

The unit price of

_____________________________ Dollars

and __________________________ Cents

($________________________) per lump sum (LS) \hspace{1cm} 1 \text{ LS} \hspace{1cm} $__________

3. **54” RCP**

The unit price of

_____________________________ Dollars

and __________________________ Cents

($________________________) per linear foot (LF) \hspace{1cm} 12 \text{ LF} \hspace{1cm} $__________

4. **Relocate Flood Control Box**

The unit price of

_____________________________ Dollars
and ___________________________ Cents

($_________________) per lump sum (LS) 1 LS $__________

5. Clearing and Grubbing

The unit price of

_____________________________ Dollars

and ___________________________ Cents

($_________________) per lump sum (LS) 1 LS $__________

6. Handle Water

The unit price of

_____________________________ Dollars

and ___________________________ Cents

($_________________) per lump sum (LS) 1 LS $__________

Computed Total $__________

7. Bituminous Concrete Lip Curb

The unit price of

_____________________________ Dollars

and ___________________________ Cents

($_________________) per linear foot (LF) 110 LF $__________

8. Bituminous Concrete – Class 2

The unit price of

_____________________________ Dollars

and ___________________________ Cents
9. **Process Gravel**

The unit price of

_____________________________ Dollars

and ___________________________ Cents

($________________) per ton (TON) 10 TON $__________

10. **Headwall Replacement**

The unit price of

_____________________________ Dollars

and ___________________________ Cents

($________________) per cubic yard (CY) 12 CY $__________

11. **Class “A” Concrete**

The unit price of

_____________________________ Dollars

and ___________________________ Cents

($________________) per lump sum (LS) 9 CY $__________

12. **Maintenance and Protection of Traffic**

The unit price of

_____________________________ Dollars

and ___________________________ Cents

($________________) per lump sum (LS) 1 LS $__________

13. **Topsoil and Turf Establishment**
The unit price of
_____________________________Dollars

and ___________________________Cents

($__________________) per square yard (SY) 150 SY $__________


The unit price of
_____________________________Dollars

and ___________________________Cents

($__________________) per cubic yard (CY) 10 CY $__________

15. Metal Beam Rail – RB-350

The unit price of
_____________________________Dollars

and ___________________________Cents

($__________________) per linear foot (LF) 55 LF $__________

16. R-B End Anchorages Type II

The unit price of
_____________________________Dollars

and ___________________________Cents

($__________________) per each (EA) 2 EA $__________

17. Sedimentation Control System

The unit price of
_____________________________ Dollars
and ___________________________ Cents
($____________________) per linear feet (LF)  50 LF  $__________

18. Stream Gauge Assembly

The unit price of

_____________________________ Dollars  $__________

PROJECT 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

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

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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 ____________________________________________


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