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Date: 09/14/2021

THE

NEW LONDON / WATERFORD / EAST LYME

WASTEWATER COLLECTION, CONVEYANCE AND TREATMENT AGREEMENT

DATED: _____, 2021

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FOR THE

NEW LONDON / WATERFORD/ EAST LYME
WASTEWATER COLLECTION, CONVEYANCE AND TREATMENT AGREEMENT

An Agreement between the City of New London, the Town of East Lyme and the Town of Waterford hereinafter referenced as "Parties" regarding the collection and conveyance of wastewater from these towns and the operation of wastewater treatment facilities in the City of New London to serve the Town of Waterford and the Town of East Lyme.

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PART I – INTRODUCTION

SECTION 1 – RECITALS

WHEREAS, the City of New London and the Town of Waterford entered into an Agreement dated April 10, 1975 regarding the construction and operation of a wastewater treatment plant and related facilities located in the City of New London; and

WHEREAS, the City of New London, the Town of Waterford and the Town of East Lyme entered into a 30-year Agreement dated January 10, 1990 regarding the operation of a wastewater treatment plant and related facilities located in the City of New London; and

WHEREAS, the purpose of this Agreement is to continue the mutually beneficial collaboration between the City of New London and the Towns of Waterford and East Lyme which have developed an interconnected wastewater collection, conveyance and treatment system. The collection, conveyance and treatment facilities located in each community are owned by their respective communities. This Agreement establishes the terms, conditions and respective rights and responsibilities regarding the operation and shared use of this interconnected system.

NOW THEREFORE, the Parties agree to the following:

For the purpose of this Agreement, the following terms shall have the meaning set forth below:

SECTION 2 – DEFINITIONS

"Capital Account" means an account established separately for each of the Parties and maintained by the City which will reflect the accumulated capital payments, interest accrued and reserves created by each Party and not yet expended for Capital Improvements. The beginning balances for each Party at the time of the signing of this Agreement are attached as **Appendix A** 'Beginning Balances of Capital Account'.

"Capital Improvements" means the acquisition, construction, reconstruction, rehabilitation, demolition or replacement of shared infrastructure under terms and conditions as detailed in Part V herein.

"Evergreen-Piacenti Force and Pressure Mains" means the dedicated force and pressure mains connecting the Evergreen Pump Station to the Piacenti Facility predominately in New London, as constructed under City of New London Contract 11 and Town of Waterford Contract 5.

"Evergreen Pump Station" means the Town of Waterford wastewater pumping facility located at 52R Miner Lane, Waterford, CT, constructed under Contract 5 & 5A.

"Municipalities" means New London, Waterford and East Lyme; "municipality" means any one or more of the municipalities, as the context may dictate.

"Parties" means the City of New London (hereinafter called "City"), represented by the New London Water and Water Pollution Control Authority, the Town of Waterford (hereinafter called "Waterford") represented by Waterford Utility Commission, and the Town of East Lyme (hereinafter called "East Lyme") represented by the East Lyme Water & Sewer Commission.

"Piacenti Facility", means the City of New London's existing treatment plant, known as the "Thomas E. Piacenti Regional Water Pollution Control Facility".

"Planned Capital Project" means a capital improvement project that the City or Waterford has planned well in advance allowing the City or Waterford ample time to notify the other Parties of the cost and timing of the project.

"Third party(ies)" means any town, city, or entity whether public, quasi-public, or private, located outside of the jurisdictional boundaries of the City of New London, Town of Waterford, and/ or the Town of East Lyme.

"Towns" means Waterford and East Lyme; "town" means either of the towns, as the context may dictate.

SECTION 3 – DESCRIPTIONS OF THE SHARED, INTEGRATED COLLECTION, CONVEYANCE AND TREATMENT SYSTEMS

A) SHARED INFRASTRUCTURE OF THE PARTIES

1. NEW LONDON'S SHARED TREATMENT SYSTEM (PIACENTI FACILITY)

The Piacenti Facility with a design capacity at the time of the signing of this Agreement of 10,000,000 gallons per day and consisting of:

a. The primary treatment plant and related facilities which existed on April 30, 1975, January 20, 1991, and January 20, 2021, including such land which was, and continues to be, owned by the City on said dates hereof, and

Additional wastewater treatment plant and related facilities as follows; all modifications at the Piacenti Facility, including additional pretreatment and primary and secondary wastewater treatment and sludge handling facilities, the control building, flood prevention work, including the concrete seawall along the ocean side of the plant and the raising of the concrete walls of the existing primary settling tanks, the outfall sewer from said Piacenti Facility to the New London harbor channel, modifications to the so-called pumping stations Nos. 6 and 7, the reconditioning land for said Piacenti Facility, being Phase II and a portion of Phase 1 of the improvements to the City's wastewater system set forth in the report entitled "City of New London Connecticut Report Upon Improvements to Wastewater Works".

b. Where the context allows, any additions, improvements or modifications to the wastewater treatment plant and related facilities made during the past Tri-Town Agreement dated 1/10/1990. Ownership and title to said Piacenti Facility shall remain with the City.

2. WATERFORD'S SHARED COLLECTION, CONVEYANCE, AND PUMPING SYSTEM

Waterford's existing interceptor sewers, force mains and other directly related facilities located as follows: beginning at the intersection of Gallup Lane and Rope Ferry Road, extending in a general easterly direction to and including the Evergreen Pump Station (hereinafter "Evergreen PS") near the boundary between the City and Waterford, and connected at that point with the City's wastewater system. The collection and conveyance component of this system is shared by East Lyme and Waterford. The Evergreen PS component of this system is shared by East Lyme, Waterford, and New London. Said wastewater conveyance system is more particularly described in a map or plan or report entitled "Map Showing the General Location of Selected Wastewater Conveyance Facilities in the Town of Waterford Comprised of East Lyme Sewer Main and Waterford Wastewater Conveyance System Date: August 23, 1988 Not to Scale by Consulting Environmental Engineers, Inc." See **Appendix B** 'Waterford's Shared Collection Conveyance and Pumping System'. Ownership and title to the sewers and related facilities located in Waterford is in the Town of Waterford.

3. NEW LONDON'S SHARED CONVEYANCE SYSTEM – EVERGREEN TO PIACENTI FORCE AND PRESSURE MAINS

The Evergreen to Piacenti-force and pressure mains are that piping infrastructure together with a corrosion and odor control infrastructure and other appurtenances constructed under New London Contract 11 (circa 1975), and are owned by the City of New London. The location of such infrastructure is described as follows: from outside of, and just east of the Evergreen PS, beginning at the New London/Waterford municipal boundary line, then in a southerly and easterly direction along Evergreen Avenue in New London to the intersection with Ocean Avenue in New London, then in a northerly direction along Ocean Avenue to the intersection with School Street, then in an easterly direction along School Street to the intersection with Montauk Avenue, then in a northerly direction along Montauk Avenue to the intersection with Converse Place, then in an easterly direction along Converse Place to the intersection with Pequot Avenue, then in a northerly direction along Pequot Avenue to the intersection with Trumbull Street, then in an easterly direction along Trumbull Street to about the intersection with Nameaug Street near the Piacenti Facility. See **Appendix C** 'Evergreen PS to Piacenti WWTF Sewer Pipe Location'. This system exclusively transports wastewater from the Evergreen PS in Waterford to the Piacenti Facility. According to Contract 11 plans, there are no other connections into this system along this route.

B) SHARING OF PARTIES' INFRASTRUCTURE

1. CURRENT NON-PARTY USERS OF PARTIES' INFRASTRUCTURE

Point O'Woods

2. CURRENT NON-PARTIES WITH RIGHTS TO USE PARTIES' INFRASTRUCTURE

a. The Miami Beach Association and The Miami Beach Association Water Pollution Control Authority

b. Old Lyme Shores Beach Association and The Old Lyme Shores Beach Association Water Pollution Control Authority

c. The Old Colony Beach Club Association and The Old Colony Beach Club Association Water Pollution Control Authority

d. Town of Old Lyme, a municipal corporation, and Old Lyme Water Pollution Control Authority

3. POTENTIAL FUTURE NON-PARTY USE OF PARTIES' INFRASTRUCTURE

All Parties affected by any additional expansion of the use of this interconnected wastewater infrastructure outside of the Parties' territorial limits will be advised of the terms and conditions associated with such additional sharing of a Parties' infrastructure.

Within five years of the signing of this Agreement the Parties shall commence negotiations to establish terms and conditions for the conveyance and treatment of wastewater by non-party users who currently have no rights to the parties shared infrastructure system.

PART II – METERING FLOW

SECTION 1 – MEASUREMENT OF FLOWS

East Lyme has installed and will maintain a flow measuring device at the Niantic pumping station which meets mutually acceptable specifications to measure, record and transmit the volume of wastewater flow from East Lyme to Waterford.

Likewise, Waterford has installed and will maintain flow measuring devices at the Evergreen PS which meet mutually acceptable standards at the connection between its sewer interceptor and the City's wastewater system to measure, record and transmit the combined volume of wastewater flow from East Lyme and Waterford, and certain areas of the City of New London to the Piacenti Facility.

Additionally, New London has installed and will maintain flow measuring devices which meet mutually acceptable specifications at the Piacenti Facility to measure and record the total wastewater volume.

New London recognizes that at Waterford's own cost, Waterford has installed flow meters which meet mutually acceptable standards to measure wastewater flowing from the City into the Waterford Collection system. These meters are located at (1) Boston Post Road, (2) Chester Street, (3) just east outside of the Evergreen PS (Niles Hill Interceptor meter), and (4) at the East Neck pumping station in Waterford. All of these meters will measure the flows generated by the City that discharge into the Waterford collection system, except the East Neck PS meter which will measure the flow generated in Waterford that discharges into the City system, but then returns (flows back) to the Waterford system. A map with the locations of these meters is shown in **Appendix D** 'Inter-Municipal Flow Meters'.

There may be additional meters throughout the shared conveyance system that may be deemed essential to determine flows between the Towns and the City. New London will keep a list of all the essential meters in the system that need to be tested, calibrated and certified on a yearly basis, and will be responsible for arranging for the testing, calibration and certification of such meters and will report the results of said testing to the Towns annually. The cost of testing, calibrating and certifying each meter will be charged back to each Town on the spring quarterly bill for the number of meters for which each Town is responsible. For example if East Lyme has one meter that registers its flow going to Waterford, it would be charged for the cost of testing and calibrating that meter. Waterford and New London have more meters to monitor flows going from Waterford to New London and vice-versa. The financial responsibility for any and all expenditures associated with the maintenance, testing, calibration, or replacement of the meters is as follows: the Niantic pumping station meter in East Lyme (East Lyme); the main meter at the Evergreen PS that measures the flow into the Evergreen-Piacenti Main (each party flow proportion cost sharing); the main meter that measures the total flow at the Piacenti Facility (each party flow proportion cost sharing); the Boston Post Road meter (New London); the Chester Street meter (New London); the Niles Hill Interceptor meter located just east of the Evergreen PS (Waterford/New London shared equally); and the East Neck pumping station meter (Waterford).

SECTION 2 – STANDARDS OF FLOWS/PERMITS

A. The City will accept, treat and discharge the wastewater flow from the Towns in the same manner in which it accepts, treats and discharges wastewater flow from within the City and shall be responsible to such state or federal authorities as may have jurisdiction over it with respect to the manner and treatment of and the discharge of such wastewater.

B. The National Pollution Discharge Elimination System permit for the operation of the Piacenti Facility having been issued to the City, the City shall have the right to inspect, sample and test wastewater discharged by the Towns into the Piacenti Facility. Either Town also shall have the right to inspect, sample and test wastewater discharged by the Towns and the City into the Piacenti Facility. In the event that such samples or tests provide evidence of a user within the City or either

Town discharging material into the Piacenti Facility or Evergreen which causes non- compliance with the terms of said permit or any amendments or modifications to said permit, or noncompliance with any applicable federal, state or local statute, ordinance or regulation, the municipality which obtains such evidence shall immediately notify the Town or City within which the offending user is located. Upon receipt of such notice, the Town or City within which the offending user is located shall promptly require pre-treatment of the discharge of said material by the offending user. The Towns and the City shall include provisions for enforcement of the provisions of this paragraph in their respective sewer ordinances, together with provisions for the recovery from an offending user of any fines or damages which may be incurred by the City and the Towns as a result of the discharge of said material into the Piacenti Facility or the Evergreen PS If any Party suspects a problem with the quantity, quality or flow of wastewater to the Piacenti Facility or the Evergreen PS, it may notify the generating Party or Parties of the need to inspect or test the wastewater or equipment. If the generating Party fails to make such inspection or test within two weeks, the complaining Party may do so.

C. The City and the Towns will not discharge into the City's wastewater system any wastewater which contains substances not amenable to treatment in the Piacenti Facility or which are not amenable to treatment therein to the degree required by regulatory agencies having jurisdiction over the discharge of effluent into New London harbor and under no conditions shall the City or the Towns discharge wastewater into the City's wastewater system which shall have a concentration of biochemical oxygen demand (BOD) in excess of 240 average milligrams per liter or concentration of suspended solids in excess of a concentration of 240 average milligrams per liter.

D. The Water and Water Pollution Control Authority of the City has promulgated rules and regulations consistent with state and federal statutes, regulations and guidelines with respect to the operation of the wastewater treatment plant and related facilities, which rules and regulations, as they may be amended or modified from time to time to remain consistent with and in conformance to federal and state statutes, regulations and guidelines, shall be adhered to and enforced by the Towns and the City. If the City or either Town proposes to adopt new rules and regulations which affect the Piacenti Facility and are more stringent than those required by state and federal and the City's guidelines, the respective Water Pollution Control Authorities of each Town shall agree upon the necessity and terms of such rules and regulations before they are adopted, except that the City and Towns may apply and enforce any such more stringent rules and regulations within their own boundaries before agreement by all Parties regarding the necessity and terms of such rules and regulations.

PART III – TREATMENT CHARGES

SECTION 1 – DETERMINATION OF OPERATING BUDGETS & BILLING

The City Director of Public Utilities is responsible for the development and transmittal of the annual operating and maintenance budget for the Piacenti Facility. The budget shall include the following:

A. All City Sewer administration costs applicable to running the Piacenti Facility
B. All the Operation and Maintenance (hereinafter "O&M") costs of the Piacenti Facility
C. The utility costs of the Piacenti Facility
D. Any other costs associated with the facility including but not limited to; an annual line item specifically for "Plant Enhancements". The intention and amount of this line item is further discussed in Part V – Section 2 of this Agreement

The following is the timeline of the annual budget:

1. If there are any "Planned Capital Projects" that exceed $750,000, the initiating Party is to notify the other Parties no later than January 1st of the year prior to the fiscal year in which such project is proposed to commence.

2. The City Director of Public Utilities will email the Town's designated staff representative the proposed fiscal year operating and maintenance budget by February 1st so that the Towns will have an ample opportunity to review the budget.

3. The Towns shall respond back to the City by February 15th if they have any input, discrepancies or to ask any questions as necessary.

4. By April 15th, the proposed budget will be divided by the prior year's total Facility flows to derive an estimated cost per 1,000 gallons for the next fiscal year (see Sample Bill Calculation in **Appendix F**).

5. Each Town's share of the costs agreed upon under Part III, Section 1 (A-D) of this Agreement for operating, repairing and maintaining the Piacenti Facility to the mutual benefit of the Parties shall be an amount which shall bear the same ratio to such costs as the actual volume of each Town's wastewater treated in the Piacenti Facility bears to the total actual volume of wastewater treated in the Piacenti Facility.

If,

A. ELNET = East Lyme Flow as measured at the Niantic PS minus any flow from entities covered under Part I, Section 3, B.2 – Current Non-Parties with Rights to use Parties Infrastructure that have a separate treatment agreement with the City, and
B. T=Total Flow into the Piacenti Facility, and
C. NPC=Piacenti Facility operating, maintenance and repair costs plus the Piacenti Facility's share of common administrative costs,

(i) Then, East Lyme's bill = (ELNET/T) x NPC,

And If,

A. EGPS is the total flow (regardless of origin) through the Evergreen PS, and
B. BPR is the flow measured by the Boston Post Road NL/Wtfd boundary meter, which measures flow from New London only, and
C. Chester St. is the flow measured by the Chester St. meter at the

NL/Wtfd boundary line, which measures flow from New London only, and

D. NHI is the flow measured by the Niles Hill Interceptor meter located to the east of the Evergreen PS that measures flows coming from New London and from Waterford via the East neck PS in Waterford, and

E. East Neck is the flow measured by the meter located at the East Neck PS that measures flow that generates in Waterford but discharges into New London, and

F. Upper Broad Street is that area in Waterford (see **Appendix E** 'Waterford Properties Discharging into New London') that discharges wastewater into the New London's Collection system. Total flow calculated as per metered or estimated water consumption for those without City water, and

G. EL = East Lyme flow as measured at Niantic PS, and

H. WTFNLTP is the wastewater flow generated within the political boundaries of the Town of Waterford, then

WTFNLTP = [EGPS – (BPR + Chester St. + NHI + EL – East Neck - Upper Broad Street)]

(ii) Then, Waterford's bill = (WTFNLTP/T) x NPC

6. New London shall provide a finalized approved budget amount by April 30.

7. The City shall bill the Towns on a quarterly basis. The bills shall be sent out within two weeks of August 15th, November 15th, February 15th and May 15th of each year. Payments for these bills shall be made no later than 45 days from the date of the invoice. For the purpose of quarterly reconciliation each invoice will be calculated by using the per 1000 gallons cost as illustrated (in the example above it would be $1.9592 / 1000 gallons) times the trailing 3 months flow of that Town (for instance the August 15th bill would be based on the Towns flows from May, June and July and the November 15th bill would be the flow from August, September and October). It is the responsibility of the Towns to send their monthly flow data to the City Director of Public Utilities each month. If the City Director of Public Utilities would rather not use the trailing 3-month flows methodology, he/she can ask each Town by July 1st of each year what their projected flows will be for the coming year and take a quarter of that amount for each billing period.

8. At the May billing, the reconciliation from the previous fiscal year along with any septage and/or nitrogen credits would be processed with that billing cycle (i.e.: the May 2022 bill would adjust for the FY 20-21 cycle which ran from July 1, 2020 thru June 30, 2021). During the May billing, the Towns would be charged for the cost of the annual testing/calibration of the meters they are responsible for as determined in Part II, Section 1 of this Agreement.

PART IV – EMERGENCY REPAIRS

SECTION 1 – EMERGENCY REPAIRS

The City may make such emergency repairs necessitated from time to time for operational reasons. The cost of said emergency repairs shall be paid out of the capital funds accounts for each respective party at the capital projects percentages for the wastewater treatment facility. The City may make emergency repairs without a prior agreement between the City and the Towns.

Waterford may make such emergency repairs necessitated from time to time for operational reasons. The cost of said emergency repairs shall be paid out of the capital funds accounts for each respective party at the capital projects percentages for the Evergreen PS. Waterford may make emergency repairs without a prior agreement between the City and East Lyme.

PART V – SHARED RESPONSIBILITIES FOR CAPITAL AND O&M

SECTION 1 – CITY TO SERVE AS CUSTODIAN OF CAPITAL ACCOUNTS

A separate ledger for each of the Capital Accounts will be maintained by the City on behalf of each of the Parties. The funds in the Capital Accounts shall be invested by the City in the same instruments and with the same prudence as is required by State statute and regulation for the investment of municipal funds generally. All income from the investment of the Capital Accounts shall be credited to each municipality's Capital Account in the same proportion as the respective balances of the Capital Account of each municipality at the time the income was accrued. An accounting of the balances and all transactions affecting the Towns' Capital Accounts will be provided to the Towns by the City each spring as soon as the City's audit is complete. Either Town may request a balance of their Capital Account at any time during the year. The City shall provide said balance within ninety days of any such request.

SECTION 2 – PIACENTI FACILITY CAPITAL IMPROVEMENTS

Any principal and interest payments for existing bonding obligations shall be billed based on the Parties' capacity allocation (New London – 55%, Waterford – 30% and East Lyme – 15%). For example if there was $300,000 of principal and interest in a given year from a previously bonded project, East Lyme would be charged 15% and Waterford would be charged 30% of the total charged in quarterly payments (East Lyme would owe $45,000/ 4 for quarterly capital payments of $11,250 while Waterford would owe $90,000 / 4 for quarterly payments of $22,500. If there are any other capital costs, they would be apportioned in the same manner. The Towns would have the choice of directing the City to take capital costs from their Capital Account so long as they keep the minimum balance as determined below.

At the beginning of this Agreement, pre-determined minimum amounts have been set for each of the Parties' Capital Accounts. The purpose of this minimum is to create a reserve if a large emergency expenditure needs to be made quickly in the future. The predetermined amounts were determined based on each Parties' capacity allocation: New London (55%), Waterford (30%) and

East Lyme (15%). Based on these percentages, the minimum amounts to be kept in each capital account at all times is as follows; New London - $1,833,333, Waterford - $1,000,000 and East Lyme - $500,000. The total minimum cumulative amount in all the Parties Capital Accounts at any time shall be $3,333,333. Any of the Parties will be allowed to go below their minimum amount only with the approval of the other Parties. These minimum balances will increase each year of this Agreement by a 2% escalation factor so that these minimum balances stay relatively current with inflation throughout the length of the Agreement. If at any time either of the Towns choose to put more money into their Capital Account, it may at any time deliver to the City funds in any amount greater than $5,000 with direction to deposit the funds into its respective Capital Account and the City shall immediately deposit the funds into that account.

In the first year of the Agreement, the minimum cost of a Capital Improvement is $50,000, with a 2% increase annually throughout the length of the Agreement.

There will be a line item each year of this Agreement in the Piacenti Facility Operating budget for "Plant Enhancements Not Meeting the Capitol Improvement Threshold". The reason for this line item is to allow the City the ability to make repairs and small improvements to the Piacenti Facility which cost less than the minimum capital improvement threshold as identified in this Agreement. This "Plant Enhancement" line item shall be capped at a total of $250,000 in the first year of the Agreement; and may increase 2% annually throughout the Agreement. The City will provide the Towns with a list of each of the plant enhancements and their cost at the time of the annual reconciliation.

Any capital improvements beyond the threshold as identified in this section would come out of each Parties' Capital Account proportionally in accordance with their capacity allocation: New London (55%), Waterford (30%) and East Lyme (15%). If the City determines that a Planned Capital Project to the Piacenti Facility is necessary, and so long as the capital improvement is over $250,000 but under $750,000, and each municipality has enough funds in its Capital Account to cover its share of the anticipated cost, then the City is required at a minimum to notify the Towns in writing before entering into any contract for or spending any money on that Capital Improvement so that the Towns are aware of these proposed expenditures. The notice to the Towns should include at a minimum the following; a description of the capital improvement, any backup documentation including a court or regulatory order, decree, permit, legislation, regulation or other reason necessitating the capital improvement, the estimated cost, the anticipated schedule for construction and payment for the Capital Improvement. Funds will be withdrawn from each of the Capital Accounts appropriately throughout the project to pay for financial obligations to the contractor/vendor.

If a particular municipality does not have sufficient funds in its Capital Account to pay for its share of the Capital Improvement, the funds in its Capital Account shall first be expended down to its minimum amount and the remainder shall be paid into the Capital Account by that Town either in a lump sum or in installments, provided that payment into the Capital Account shall be made at least 30 days prior to the day by which the City must make a payment for the Capital Improvement. If such payments as indicated above are late, then interest shall be paid to the City at a rate equal to the rate of interest paid by the City for its most recent issue of general obligation bonds plus one

percentage point. If the City determines that any of the Town's Capital Accounts are within 10% of their minimum threshold, the City will notify the Town of its low balance.

All monies deposited into Capital Accounts as identified in this Agreement shall remain in the Capital Account until actual payment is due and owed to a contractor/vendor providing goods or services for the Capital Improvement. At that time, the City will withdraw from the Capital Accounts the amount necessary to pay the contractor/vendor in the following proportions; 55% from the New London Capital Account, 30% from the Waterford Capital Account, and 15% from the East Lyme Capital Account.

At no time in this Agreement may either of the Towns request to withdraw funds from its Capital Account unless it is approved by all Parties. The funds in all of the Capital Accounts may be used only to contribute to Capital Improvements to the facility and/or other shared sewer infrastructure.

The approach each municipality employs to generate funds for an additional capital contribution required for a Capital Improvement shall be within the sole discretion of each municipality. Nothing in this Agreement shall preclude two or more of the Parties from mutually agreeing to a joint financing mechanism or other financial cooperation so long as none of the rights and expectations the other Party to this Agreement is prejudiced or disadvantaged thereby.

Any Planned Capital Improvement that exceeds $750,000 would be an expense that the City or the Towns may want to bond to protect their capital account balances. In this event, the City must notify the Towns in writing by January 1st of such a planned capital expense for the coming fiscal year starting July 1st.

The Towns will have until March 1st to respond back to the City if they have questions as to the need for the Capital Improvement or to better understand the costs of the project. If one or both of the Towns needs further clarification and/or understanding of the need for the Capital Improvement, representatives of each Party shall meet at the earliest convenience to discuss the project in more detail. If one of the parties determines after good faith discussions that they still disagree with the capital project moving forward, the Party which so concludes this shall send an email to the City Director of Public Utilities by April 1st. At this time, the Party in disagreement may invoke the dispute resolution mechanism identified in Part VIII, Section 2 of this Agreement by May 1st. If it does not invoke the dispute resolution mechanism by May 1st, then that Capital Improvement will proceed as planned.

SECTION 3 – SHARING COSTS FOR CAPITAL IMPROVEMENTS AND O&M FOR THE USE OF THE EVERGREEN TO PIACENTI FACILITY MAINS AND THE USE OF THE EVERGREEN PS

The cost for O&M as well as capital expenditures for the Evergreen to Piacenti Facility Force and Pressure Mains are considered separate from the Piacenti Facility. This infrastructure was constructed in 1975. Between the years of 1975 thru 1993, only wastewater generated in Waterford was conveyed through the system. Thereafter, wastewater generated in East Lyme and certain areas of New London, when New London pumping stations were eliminated and the

wastewater sent to Waterford, also began to flow through this infrastructure via pumping from the Evergreen PS.

Under the previous 1991 Tri-Town Agreement, the O&M cost-sharing distribution for the Piacenti Facility as well as for the conveyance system infrastructure was based on the total annual flows from each community into the Facility. Capital expenditures cost-sharing for both the treatment facility and the conveyance system was based on the treatment allocation for each community at the plant; New London (55%), Waterford (30%), East Lyme (15%). However, under this 2021 Agreement, the conveyance system is exclusively for flow from the Evergreen PS to the Piacenti Facility and the proportional responsibility for such O&M and capital expenditures shall be based on the actual flow from each of the communities.

For the Evergreen to Piacenti Facility Mains

O&M Expenditures – The following constitutes the expenditures for the force/pressure main to the Piacenti Facility expenditures to be attributed to O&M: field labor, parts, materials, and equipment associated with single expenditures less than $25,000 including but not limited too; annual inspections, cleaning of the pipes, closed-circuit television (CCTV) activities, clearing stoppages, minor repairs, maintenance, equipment, and chemicals associated with odors and corrosion control, and other activities associated with O&M of collection systems. The O&M expenditures incurred during the fiscal year, together with the flow percentages, will be used to calculate each Party's cost for that year and will be billed on the May bill.

Capital Improvements - means the acquisition, construction, reconstruction, rehabilitation, demolition or replacement of the Evergreen PS to Piacenti Facility Conveyance System, or major components thereof. Capital Improvements include repairs which cost, exclusive of the labor cost of City or Town employees, more than $25,000. This figure will increase 2% each year of the Agreement. Other than the percentage of cost sharing, capital expenditures threshold, and notifications associated, such expenditures with this conveyance system will be handled in the same manner as capital expenditures associated with the Piacenti Facility as described above. The Capital Improvements incurred during the fiscal year together with the flow percentages will be used to calculate the Parties' cost sharing, to be billed in the same manner as capital expenditures at the Piacenti Facility. Each of the parties may use the balance in its Capital Account to pay their share so long as the Account stays above its minimum balance.

Cost Sharing Distribution – For a given fiscal year, the percentage of cost sharing for O&M as well as capital expenditures shall be prorated based on the flow from each community through the Evergreen PS on the previous fiscal year as follows:

> **New London percentage** – Annual flow metered at: the Chester Street meter, plus the Boston Post Road meter, plus the Evergreen east meter (from the Niles Hill interceptor), minus the East Neck meter, then divided by the annual total flow through Evergreen PS. During fiscal year 2019-2020, this percentage was 17%.
>
> **East Lyme percentage** – Annual flow metered at the Niantic River PS in Niantic, then divided by the annual total flow through the Evergreen PS. During fiscal year 2019-2020, this percentage was 27%.

Waterford percentage – the annual total flow through Evergreen PS minus East Lyme flow, minus New London flow, then divided by the annual total flow through the Evergreen PS. During fiscal year 2019-2020, this percentage was 56%.

For the Evergreen PS

O&M and capital expenditures will be cost-shared and billed in the same manner as expenditures associated with the Evergreen PS/ Piacenti Facility main. The threshold for the Evergreen PS capital expenditures will be a minimum of $10,000, with annual increases of 2%. At its discretion, and for capital expenditures only, each Town may use its Capital Account as long as its minimum balance is maintained. The municipality intending to use such Capital Account will inform Waterford of such intention.

SECTION 4 – COORDINATION WITH EAST LYME/WATERFORD AGREEMENT

Waterford and East Lyme (but not the City) agree that the provisions of this Agreement are to be read and understood in conjunction with any current agreement regarding the use of the Waterford wastewater conveyance system between East Lyme and Waterford and as between this Agreement and the said East Lyme/Waterford Agreement, neither is intended to abrogate the rights and responsibilities stated in the other. To the extent possible, said agreements shall be construed so as to be harmonious and the separate provisions of each agreement should be construed so that each would be operative. The City is not a party to the Waterford/East Lyme Agreement and is not bound by it.

PART VI – TERM, REOPENING AND TERMINATION OF AGREEMENT

SECTION 1 – TERM OF AGREEMENT

This Agreement shall be in effect for a period of twenty (20) years. The Parties shall have the option of extending the Agreement for another ten (10) years if all Parties agree to such an extension no less than five (5) years from the end of the original term. At any time before the final five years of the initial twenty (20) year term, any of the Parties may, by giving written notice to the other parties, propose to extend the term of this Agreement for an additional ten (10) years. In such event, each of the Parties receiving said notice shall respond to said notice within sixty (60) days after receipt of same. If either of the responding parties refuses to extend the Agreement, it shall provide reasonable and rational reasons for said refusal. If either of the responding Parties proposes an extension upon certain conditions or modifications, it shall give reasonable and rationale reasons for such conditions or modifications. Upon receipt of the answers from the responding Parties, the Party proposing to extend the term of this Agreement shall either begin negotiations with the other Parties or withdraw its proposal, in its discretion.

SECTION 2 – REOPENING CONTRACT TO ADDRESS TREATMENT CAPACITY OF EACH MUNICIPALITY

At any time after five (5) years, any Party to this Agreement may request the Agreement be reopened in order to negotiate modifications to the allocation of the Piacenti Facility capacity among the parties. Such request should be in writing and be delivered in accordance with the provisions of Section 11 of this Agreement. The other parties shall not unnecessarily withhold their participation in such negotiations.

SECTION 3 – PROCEDURE FOR TERMINATION OF THE AGREEMENT

Not less than the final five years prior to the initial or extended term, either or both the Towns may, by giving written notice to the other Parties, elect to terminate its use of the Piacenti Facility at the end of this Agreement. In such event, the wastewater system of the Town or Towns electing to terminate shall be physically separated from the City's facilities or the other Town's facilities at the end of the term of this Agreement. In the event that Waterford elects to terminate its use of the Piacenti Facility pursuant to the terms of this paragraph, East Lyme agrees to use due diligence in obtaining all necessary state and/or federal regulatory approvals to use alternative treatment facilities, and after having obtained such approvals, to pursue the construction and/or connection to such alternative treatment facilities with due diligence. Physical separation of East Lyme's facilities from Waterford's facilities shall not occur until such alternative treatment facilities are available to East Lyme.

Not less than the final five years prior to the initial or extended term the City may, by giving written notice to the Towns, elect to terminate the Towns' use of the Piacenti Facility at the end of this Agreement. In such event, the Towns agree to use due diligence in obtaining all necessary state and/or federal regulatory approvals to use alternative treatment facilities, and after having obtained such approvals, to pursue the construction and/or connection to such alternative treatment facilities with due diligence. Physical separation of the City's facilities from the Towns' facilities shall not occur until such alternative treatment facilities are available to the Towns.

If the Towns or City fail to terminate this Agreement in the manner as identified above, then the joint use of the Piacenti Facility and shared infrastructure as defined herein shall continue in effect for another 10 year term after the last day of this Agreement under the same terms as this Agreement.

It is recognized that if an eventual separation should occur, either or both of the Towns may be entitled to reimbursement for any portion of the City's or the other Town's wastewater facilities for which either or both of the Towns have paid a proportionate share which may be of further usefulness to the City or to the other Town. Reimbursement with regard to a Town's wastewater facilities will be considered only if East Lyme becomes separate from Waterford. If the Parties are unable to agree on the amount of such reimbursement, the question of further usefulness of any portion of the City's or other Town's wastewater facilities and the value thereof shall be determined in accordance with the provisions of Part VIII, Section 2 of this Agreement. In determining further usefulness and value the municipalities and any decision makers invoked pursuant to Part VIII, Section 2of this Agreement shall consider the remaining useful life of the Piacenti Facility and Waterford's wastewater conveyance system and any improvements and additions thereto as of the date of separation, the value to the municipality which retains the use of the facility or system, and the proportion of Capital Improvements paid by each municipality throughout the life of the facility or system, provided that no reimbursement shall be payable to a municipality which affirmatively acts to require a separation. The percentage of such value for which either or both of the Towns shall be reimbursed will be in the same proportion as each Town's share of the original cost of the Piacenti Facility as determined under a prior agreement between the City and Waterford dated April 30, 1975, as amended, by Paragraph 15 of the 1990 Agreement. In the event that East Lyme becomes separated from Waterford's wastewater conveyance system, the

percentage of such value for which East Lyme shall be reimbursed will be in the same proportion as East Lyme's share of the original cost of Waterford's wastewater conveyance systems as determined under an agreement between East Lyme and Waterford dated August 24, 1988. If the computation should result in a negative value to any municipality and a positive value to any other municipality, then the municipality or municipalities with a negative balance shall be obligated to pay their respective deficiencies to the municipality or municipalities with a positive balance, except that if East Lyme separates but Waterford and the City remain connected, no such payment will be required from Waterford at the time of East Lyme's separation. Any municipality which has not elected to terminate shall be entitled to reimbursement of all costs associated with the separation and with the removal or destruction of any excess facilities. Such costs will be paid by the municipality or municipalities which have elected to terminate this Agreement.

In the event of separation, each municipality shall receive the balance, including accrued interest, of its Capital Account.

PART VII – SEPTIC TANK PUMPING AND NITROGEN CREDITS

SECTION 1 — SEPTIC TANK PUMPING

Septic tank pumping originating from septic tanks located in either Town or in the City may be deposited at the Piacenti Facility, subject to rules and regulations promulgated by the City with respect to such deposits, which rules and regulations shall be the same for residents of the Towns as are established for residents of the City. The rate for such septage deposits shall be determined by the City. Both revenues and expenses from septic tank pumping will be allocated to each of the Towns in proportion to their actual flow as calculated in the Spring reconciliation which is detailed in Part III Section 1 of this Agreement. The credit would be titled "Septage" on the New London bill.

SECTION 2 – NITROGEN CREDITS

Nitrogen Exchange Program - The Nitrogen exchange program is administered through the State of CT DEEP. The program provides a credit to facilities that exceed the nitrogen removal goals set forth by the DEEP. There is also a penalty for underperformance in nitrogen removal. The credit or penalty depends on the performance of the facility in any given year. Each community shares in this program based on flow for the program year. Either a credit or penalty will be added to the annual adjusted bill.

Both revenues and expenses from Nitrogen Credits will be allocated to each of the Towns in proportion to their actual flow as calculated in the Spring review.

PART VIII – OTHER PROVISIONS

SECTION 1 – FIRST YEAR OF THE AGREEMENT

There are numerous provisions in this Agreement that identify specific ways to handle Treatment charges and Capital Expenditures among other things. Many of these provisions have specific timelines and procedures that need to be followed throughout the fiscal year and some of them are different than how those procedures were followed in the past agreement. In light of this and the timing of the signing of the new agreement, the Parties agree that in the first year of this Agreement, the Parties will abide by the intent of this new Agreement while transitioning from the old Agreement to the new one. Nonetheless, starting in January before the first full fiscal year of this Agreement, all of the timelines, notifications and other provisions of the new Agreement will be followed.

SECTION 2 – DISPUTE RESOLUTION

It is the express intention of the parties that all legal proceedings related to this Agreement or to any rights or any relationship between the parties arising therefrom shall be solely and exclusively initiated and maintained in the Superior Court for the Judicial District for New London at New London, Connecticut. The parties each irrevocably consents to the jurisdiction of such court in any such actions or proceedings, waives any objection it may have to the laying of the jurisdiction of any such action or proceeding. It shall be a condition precedent to initiating an action in the Superior Court that the parties have engaged in non-binding mediation.

THE PARTIES HEREBY EXPRESSLY WAIVE ANY AND ALL RIGHTS THEY MAY HAVE TO TRIAL BY JURY OF ANY CLAIM, DEMAND, ACTION OR CAUSE OF ACTION (1) ARISING UNDER THIS AGREEMENT OR ANY OTHER INSTRUMENT, DOCUMENT OR AGREEMENT EXECUTED OR DELIVERED IN CONNECTION HEREWITH, OR (2) IN ANY WAY CONNECTED WITH OR RELATED OR INCIDENTAL TO THE DEALINGS OF THE PARTIES HERETO OR ANY OF THEM WITH RESPECT TO THIS AGREEMENT OR ANY OTHER INSTRUMENT, DOCUMENT OR AGREEMENT EXECUTED OR DELIVERED IN CONNECTION HEREWITH, OR THE TRANSACTIONS RELATED HERETO OR THERETO, IN EACH CASE WHETHER NOW EXISTING OR HEREAFTER ARISING, AND WHETHER SOUNDING IN CONTRACT OR TORT OR OTHERWISE; AND THE PARTIES HEREBY AGREE AND CONSENT THAT ANY SUCH CLAIM, DEMAND, ACTION OR CAUSE OF ACTION SHALL BE DECIDED BY COURT TRIAL WITHOUT A JURY, AND ANY PARTY MAY FILE AN ORIGINAL COUNTERPART OR A COPY OF THIS SECTION WITH ANY COURT AS WRITTEN EVIDENCE OF THE PARTIES' CONSENT TO THE WAIVER OF ITS RIGHT TO TRIAL BY JURY

SECTION 3 – RIGHT TO ACCESS RECORDS

On reasonable notice and at reasonable times and intervals, all records of the City pertaining to the Piacenti Facility shall be available for inspection and review by authorized representatives of either Town and by an independent certified public accountant retained and paid by either Town for such purposes.

SECTION 4 – RESERVATION OF RIGHTS

The Parties each reserve the right to assign their respective rights and obligations under this Agreement and any related agreements to an entity or system providing for regional water and/or sewer service.

SECTION 5 – SUPERSEDES JANUARY 10, 1990 AGREEMENT AND ANY AMENDMENT THERETO

New London, East Lyme, and Waterford agree that this Agreement is intended to supersede and replace their agreement dated January 10, 1990, as amended, and that agreement is hereby declared null and void.

SECTION 6 – AMENDMENTS AND MODIFICATIONS ONLY IN WRITING

The provisions of this Agreement shall be amended or modified only by written agreement duly executed by the duly authorized representatives of the Parties.

SECTION 7 – CHOICE OF CONNECTICUT LAW

This Agreement and any questions concerning its validity or construction shall be governed by the laws of the State of Connecticut.

SECTION 8 – SEVERABILITY CLAUSE

In the event that any provision of this Agreement shall for any reason be determined to be invalid, illegal or unenforceable in any respect, the other provisions shall remain in force and effect, except that if any portions of this Agreement are determined to be invalid, illegal or unenforceable, the Towns and the City will negotiate in good faith to reestablish the Sections that are determined to be invalid, illegal or unenforceable. If after six months of negotiations, mutual agreement is not reached, any Party may, but is not obligated to, terminate this Agreement in same manner and subject to the same terms as provided in Part VI Section 3 of this Agreement as if the end of the term were two years from the date of notice of termination.

SECTION 9 – NO THIRD-PARTY RIGHTS

Except as may be expressly provided herein, nothing in this Agreement is intended to confer on any person other than the City of New London and Towns of Waterford and East Lyme any rights or remedies under or by reason of this Agreement.

SECTION 10 – SINGULAR/PLURAL USAGE

In this Agreement, the use of the singular shall encompass the plural, and vice versa, where appropriate in the context.

SECTION 11 – LISTING OF NAMES AND ADDRESSES FOR NOTICES

Except as otherwise provided in this Agreement, all notices and communications required or permitted hereunder shall be in writing and sufficiently given if delivered in person, sent by certified or registered mail, or by email as follows:

If to the City:

Chairman
New London Water and Water Pollution Control Authority
13 Masonic Street
New London, Connecticut 06320

Plus, a copy to:
Director
New London Public Utilities
13 Masonic Street
New London, Connecticut 06320

If to Waterford:

Chairman
Waterford Utility Commission
1000 Hartford Road
Waterford, Connecticut 06385

Plus, a copy to:
First Selectman
Waterford Town Hall
15 Rope Ferry Road
Waterford, Connecticut 06385

Plus, a copy to:
Director
Waterford Utility Commission
1000 Hartford Road
Waterford, Connecticut 06385

If to East Lyme:

Chairman
East Lyme Water and Sewer Commission
PO Box 519
Niantic, Connecticut 06357

Plus, a copy to:
East Lyme Public Works Director
PO Box 519

DRAFT

Niantic, Connecticut 06357

The respective addresses to which such notices are given may be changed from time to time by written notice from the Addressee. Additionally, email addresses provided to each Party may be used as proper notification.

IN WITNESS WHEREOF, the Parties of this Agreement and this instrument to be signed in triplicate by their duly authorized officers and their respective seals to be affixed hereto, all as of this _____ day of _____, 2021.

Signed, Sealed and Delivered in the presence of:

CITY OF NEW LONDON
WATER AND WATER POLLUTION CONTROL AUTHORITY
By its Chairman,
Barry J. Weiner _____

Witnesses _____

_____

TOWN OF WATERFORD
By Robert Brule, First Selectman _____
As authorized by Board of Selectman and
Representative Town Meeting

Witnesses _____

_____

TOWN OF WATERFORD
UTILITY COMMISSION
By its Chairman,
Kenneth Kirkman _____

Witnesses _____

_____

DRAFT

TOWN OF EAST LYME
WATER & SEWER COMMISSION

By its Chairman,
Mark Nickerson _____

Witnesses _____

_____

APPROVED AS TO FORM:

_____
Brian Estep - Attorney – City of New London

APPROVED AS TO FORM:

_____
Nick Kepple – Town Attorney – Town of Waterford

APPROVED AS TO FORM:

_____
Edward O'Connell - Town Attorney – Town of East Lyme

DRAFT

FINANCE DEPARTMENT

Memo

To:	The Board of Selectmen
From:	Rawle Dummett
CC:	Kim Allen
Date:	September 9, 2021
Re:	**Bid Award – Goshen Air Conditioning Replacement**

Dear Mr. Brule,

Bid Proposals for the above mentioned bid were opened on August 19th, 2021 at 10:00 a.m. with the attached results. After careful analysis of the submissions, it is recommended that Dunklee Inc. the lowest qualified bidder, be awarded the contract to complete this project in the amount of $20,689.00. Funds will be available from Line Item 32322-55881 Goshen AC.

Sincerely,

Rawle Dummett
Purchasing Agent,
Town of Waterford

Town of Waterford

Director of Fire Services

204 Boston Post Road

Waterford, CT 06385

08/25/21

To: Rawle Dummett

Purchasing Agent

Town of Waterford

RE: RFP #22-100 Goshen Air Conditioning

Rawle, after reviewing bid documents for the replacement of the air-conditioning system at Goshen Company 3 with Tom Dembek; it is my recommendation to move forward with the low bidder, Duncklee Cooling & Heating.

Director of Fire Services

Michael J. Howley

BID TABULATION

BID#22-100 Goshen Fire Department Air conditioning System Replacement

VENDOR	MATERIAL COST	LABOR COST	BID TOTAL
SAV-MOR	$18,600.00	$10,800.00	$29,400.00
DUNCKLEE COOLING AND HEATING	$15,546.15	$5,142.85	$20,689.00

FIFTEEN ROPE FERRY ROAD

Town of Waterford

WATERFORD, CT 06385-2886

Town of Waterford
Board of Selectmen

Request for Proposals
Goshen Fire Department Air Conditioning System
Replacement

Bid form RFP #22-100

The Purchasing Agent will accept Proposals until 11:00 am 19th August 2021 from qualified firms at 15 Rope Ferry Road Waterford, CT.

Firm Name: DUNCKLEE, INC
Address: 296 Taugwonk Rd.
Stonington, CT 06378
(860) 535-2552 • dunckleeinc.com

Material Cost: $ 15,546.15
Labor Cost: $ 5,142.85

Total Cost: $ 20,689 –

Written: Twenty thousand Sixhundred Eighty Nine Dollars

Subscribed and sworn to before me this 9 day of

August 2021

Date: AUG 9 2021

Notary Public: Barb J. Maynard

My Commission Expires:

Barb J. Maynard
NOTARY PUBLIC
State of Connecticut
My Commission Expires Nov. 30, 2022

By: [signature]

Print Name: Jonathan Dunclee

Title: President

32322-55881

Duncklee Inc
COOLING & HEATING
296 Taugwonk Road, Stonington, CT 06378 ▪ www.dunckleeinc.com
Phone (860) 535-2552 ▪ (860) 388-5001 ▪ Fax (860) 535-5420
CT LIC. S1-405511 ▪ SM1-3770 ▪ RI LIC. 8307

STATE OF CONNECTICUT
DEPARTMENT OF CONSUMER PROTECTION

HEATING, PIPING & COOLING UNLIMITED CONTRACTOR
JONATHAN L DUNCKLEE
57 HYDE POND CT
MYSTIC, CT 06355-1220

License #	Effective	Expiration
HTG.0405511-S1	09/01/2020	08/31/2021

SIGNED

STATE OF CONNECTICUT
DEPARTMENT OF CONSUMER PROTECTION

LIMITED SHEET METAL CONTRACTOR
JONATHAN L DUNCKLEE
57 HYDE POND CT
MYSTIC, CT 06355-1220

License #	Effective	Expiration
SHM.0003770-SM1	09/01/2021	08/31/2022

SIGNED

STATE OF CONNECTICUT
DEPARTMENT OF CONSUMER PROTECTION

LIMITED SHEET METAL CONTRACTOR
JONATHAN L DUNCKLEE
57 HYDE POND CT
MYSTIC, CT 06355-1220

License #	Effective	Expiration
SHM.0003770-SM1	09/01/2020	08/31/2021

SIGNED

STATE OF CONNECTICUT
DEPARTMENT OF CONSUMER PROTECTION

HEATING, PIPING & COOLING UNLIMITED CONTRACTOR
JONATHAN L DUNCKLEE
57 HYDE POND CT
MYSTIC, CT 06355-1220

License #	Effective	Expiration
HTG.0405511-S1	09/01/2021	08/31/2022

SIGNED

Rhode Island Department of Labor and Training
Division of Workforce Regulation and Safety

REFRIG/MASTER 1 00008307
PIPEFITTER/MASTER 2 00008307

DUNCKLEE INC
JONATHAN L DUNCKLEE
57 HYDE POND COURT
MYSTIC CT 06355

Assistant Director — 04/30/2023 Expiration Date

"Your Climate Control Experts Since 1973"

DUNCINC-01 KCOUBALL

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 8/9/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Bouvier Insurance
29 North Main Street
West Hartford, CT 06107

CONTACT NAME:
PHONE (A/C, No, Ext): (860) 232-4491 FAX (A/C, No): (860) 232-6637
E-MAIL ADDRESS:

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A: Arbella Protection Insurance	41360
INSURER B: Arbella Insurance Co.	17000
INSURER C:	
INSURER D:	
INSURER E:	
INSURER F:	

INSURED
Dunckloe Inc.
296 Taugwonk Rd
Stonington, CT 06378

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY PRO-JECT LOC OTHER:	X		8500068297	3/8/2021	3/8/2022	EACH OCCURRENCE	$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 300,000
							MED EXP (Any one person)	$ 10,000
							PERSONAL & ADV INJURY	$ 1,000,000
							GENERAL AGGREGATE	$ 2,000,000
							PRODUCTS - COMP/OP AGG	$ 2,000,000
								$
A	AUTOMOBILE LIABILITY X ANY AUTO OWNED AUTOS ONLY SCHEDULED AUTOS HIRED AUTOS ONLY NON-OWNED AUTOS ONLY	X		1020070327	3/8/2021	3/8/2022	COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
							BODILY INJURY (Per person)	$
							BODILY INJURY (Per accident)	$
							PROPERTY DAMAGE (Per accident)	$
								$
A	X UMBRELLA LIAB X OCCUR EXCESS LIAB CLAIMS-MADE DED X RETENTION $ 10,000			4620093020	3/8/2021	3/8/2022	EACH OCCURRENCE	$ 1,000,000
							AGGREGATE	$ 1,000,000
								$ 1,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		4220070320	3/8/2021	3/8/2022	X PER STATUTE OTH-ER	
							E.L. EACH ACCIDENT	$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Goshen Fire Department Air Conditioning System Replacement - Bid form RFP #22-100

The Town of Waterford, its employees and agents are included as an additional insured on a primary and non-contributory basis per written contract.

CERTIFICATE HOLDER

Town of Waterford
15 Rope Ferry Road
Waterford, CT 06385

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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TOWN OF WATERFORD
REQUEST FOR PROPOSALS
Goshen Fire Department Air Conditioning System Replacement

Bid#22-100

The Purchasing Agent will accept sealed proposals for **Bid#22-100 Goshen Fire Department Air Conditioning System Replacement** until 11:00 AM on August 19, 2021, where they will be read aloud in the Louise Appleby Room. Please see the Town of Waterford website at http://www.waterfordct.org for packets and all information regarding this RFP. Any questions regarding this proposal are to be directed to the Purchasing Agent at rdummett@waterfordct.org. The Board of Selectmen reserves the right to reject any or all proposals, in whole or in part, and to waive any informality in any proposal when such action is deemed in the best interest of the Town; their decision is final. A mandatory site inspection is scheduled on **August 3rd 2021 at 10:00 a. m. 63 Goshen Road, Waterford CT 06385.**

Rawle Dummett
Purchasing Agent
Town of Waterford

SECTION 00100

TOWN OF WATERFORD
INFORMATION AND GENERAL REQUIREMENTS TO BIDDERS

1. Sealed bids (one ORIGINAL & ONE copy) on the attached Bid Forms will be received at the Office of the Purchasing Agent, Town Hall, 15 Rope Ferry Rd Waterford, Connecticut 06385. At the designated time of opening, they will be publicly opened, read, recorded and placed on file. Bids may be mailed or hand-delivered by the specified time.

2. The envelope enclosing your bid should be clearly marked on its front by bid number, time of bid opening and date.

3. Whenever it is deemed to be in the best interest of the Town, The Town of Waterford reserves the right to reject any or all bids, in whole or in part, and to waive technical defects, irregularities or any informality in any bid when such action is deemed in the best interest of the Town; their decision is final.

4. The contract will be generally awarded to the most qualified, lowest and responsive bidder to meet specifications unless otherwise specified.

5. Bids will be carefully evaluated as to conformance with stated specifications.

6. Specifications must be submitted complete in every detail, and when requested, samples shall be provided. If a bid involves any exception from stated specifications, they must be clearly noted as exceptions, underlined, and attached to the bid.

7. The Bid Documents contain the provisions required for the requested item. Information obtained from an officer, agent, or employee of the Town or any other person shall not affect the risks or obligations assumed by the Bidder or relieve him/her from fulfilling any of the conditions of the Bid.

8. Each bidder is held responsible for the examination and/or to have acquainted themselves with any conditions at the job site which would affect their work before submitting a bid. Failure to meet these criteria shall not relieve the Bidder of the responsibility of completing the Bid without extra cost to the Town of Waterford.

9. Any bid may be withdrawn prior to the above scheduled time for the opening of bids or authorized postponement thereof. Any bid received after the time and date specified shall not be considered. No bidder may withdraw a bid within ninety (90) days after the actual date of the opening thereof. Should there be reasons why a Bid cannot be awarded within the specified period; the time may be extended by mutual agreement between the Town and the bidder.

10. Each bid must be accompanied by a bid bond payable to the Town for five percent (5%) of the total amount of the bid. The bid bond of the successful bidder will be retained until the payment bond and performance bond have been executed and approved, after which it will be returned. A certified check may be used in lieu of a bid bond. The Town of Waterford will not be liable for the accrual of any interest on any certified check submitted.

11. A 100% Performance and Payment bonds are required of the successful bidder. This bond shall cover all aspects of the specification and shall be delivered to the Purchasing Agent prior to the issuance of a purchase order. This submission must be received within five days of contract award. Bonds must meet the following requirements: Corporation - must be signed by an official of the corporation above their official title and the corporate seal must be affixed over the signature; Firm or Partnership - must be signed by all the partners and indicate they are "doing business as"; Individual - must be signed by the owner and indicated as "Owner". The surety company executing the bond or countersigning must be licensed in Connecticut and an official of the surety company must sign the bond with the corporate seal affixed over their signature. Signatures of two witnesses for both the principal and the surety must appear on the bond. Power of attorney for the official signing the bond for the surety company must be submitted with the bond. The Performance and Payment Bonds will be returned upon completion and acceptance of the job.

12. The bidder agrees and warrants that in the submission of this sealed bid, they will not discriminate or permit discrimination against any person or group of persons on the grounds of race, color, religion, national origin, sex, or physical disability including, but not limited to blindness, unless it is shown by such bidder that such disability prevents performance of that which must be done to successfully fulfill the terms of this sealed bid or in any manner which is prohibited by the laws of the United States or the State of Connecticut: and further agrees to provide the Human Relations Commission with such information requested by the Commission concerning the employment practices and procedures of the bidder. An Affirmative Action Statement will be required by the successful bidder.

13. Bidder agrees to comply with all of the latest Federal and State Safety Standards and Regulations and certifies that all work required in this bid will conform to and comply with said standards and regulations. Bidder further agrees to indemnify and hold harmless the Town for all damages assessed against the Town as a result of Bidder's failure to comply with said standards and/or regulations.

14. The Town of Waterford is exempt from Excise, Transportation and Sales taxes imposed by the Federal Government and/or State of Connecticut. Such taxes must not be included in proposal prices. Exemption certificates will be provided upon request.

15. By submitting a proposal, Vendors/Bidders certify that the proposal is made independently and without collusion, agreement, understanding, or planned course of action with any other Vendor/Bidder and that the contents of the proposal shall not be disclosed to anyone other than their employees, agents, or sureties prior to the official opening.

16. **If applicable**, The Bidder agrees to pay its labor force Prevailing Wage Rates and to comply with all Laws, Regulations and Ordinances regarding these wage rates and the recording of them set forth by the Connecticut Department of Labor. Rate increases after July 1st are the sole responsibility of the contractor.

17. Vendors shall observe and comply with all Federal, State and local laws, ordinances and regulations. Vendors shall indemnify and save harmless the Town, all of its officers, agents and servants against any claim or liability arising from or based on the violation of any such law, ordinance, regulation or negligence whether by the bidder, his employees, his consultant and/or their employees.

18. Bidders are responsible for checking the Town of Waterford website at http://www.waterfordct.org/depts/finance/purchasing.htm for any addenda and updates to the Bid.

19. The successful Bidder shall be required to enter into an Agreement with the Town of Waterford Utility Commission that contains a liquidated damages clause in the amount of $500 per day that expires after the specified times of completion until the work is substantially complete.

20. All claims, counter-claims, disputes and other matters in question between the municipality and the Contractor arising out of or relating to this contract or the breach thereof will be decided by arbitration at a location within New London County, if the parties mutually or in a court of competent jurisdiction within the district in which the municipality is located.

Additional Information:

All Questions must be submitted in writing to both the purchasing agent via email at rdummett@waterfordct.org working days prior to the date of the bid opening. If at any time of the scheduled Bid opening, Town Hall or the Office of Procurement is closed due to uncontrolled events such as fire, snow, ice, wind or building evacuation, the Bid opening will be postponed until 11:00 a.m. the next business day. Bidders are reminded to check the web site for updates and information or email the purchasing agent at rdummett@waterfordct.org . Proposals will be accepted until that date and time.

Rights Reserved To the Town

The Town reserves the right to award in part, to reject any and all bids, in whole or in part, for misrepresentation or if the respondent is in default of any prior Town contract, or if the Respondent limits or modifies any of the terms and conditions and/or specifications of the Request. The Town also reserves the right to waive technical defects, irregularities and omissions if, in its judgment, the best interest of the Town will be served.

Scope of Work

Replace the following Air Conditioning system for the second-floor hall/training room which consist of the following two 5-ton condensing unit manufactured by Carrier or equal. Voltage to be 208/230-volt 3 phase. Each unit shall have an outside weatherproof disconnect switch as required by the National Electrical code. Existing units are BDP Company, Division of Carrier Corp. model # 567GP060, Product# 567GPX060000ACAA.

The condensing units are located on the roof of the generator room 13 feet above the rear parking lot.

Fan/Coils air handler units to be 5 Ton each Manufactured by Carrier or equal. Units are locatedin the overhead of the meeting/training room above the kitchen. Voltage to be 208/230 single phase. Existing units are Bryant Model# 517GN060

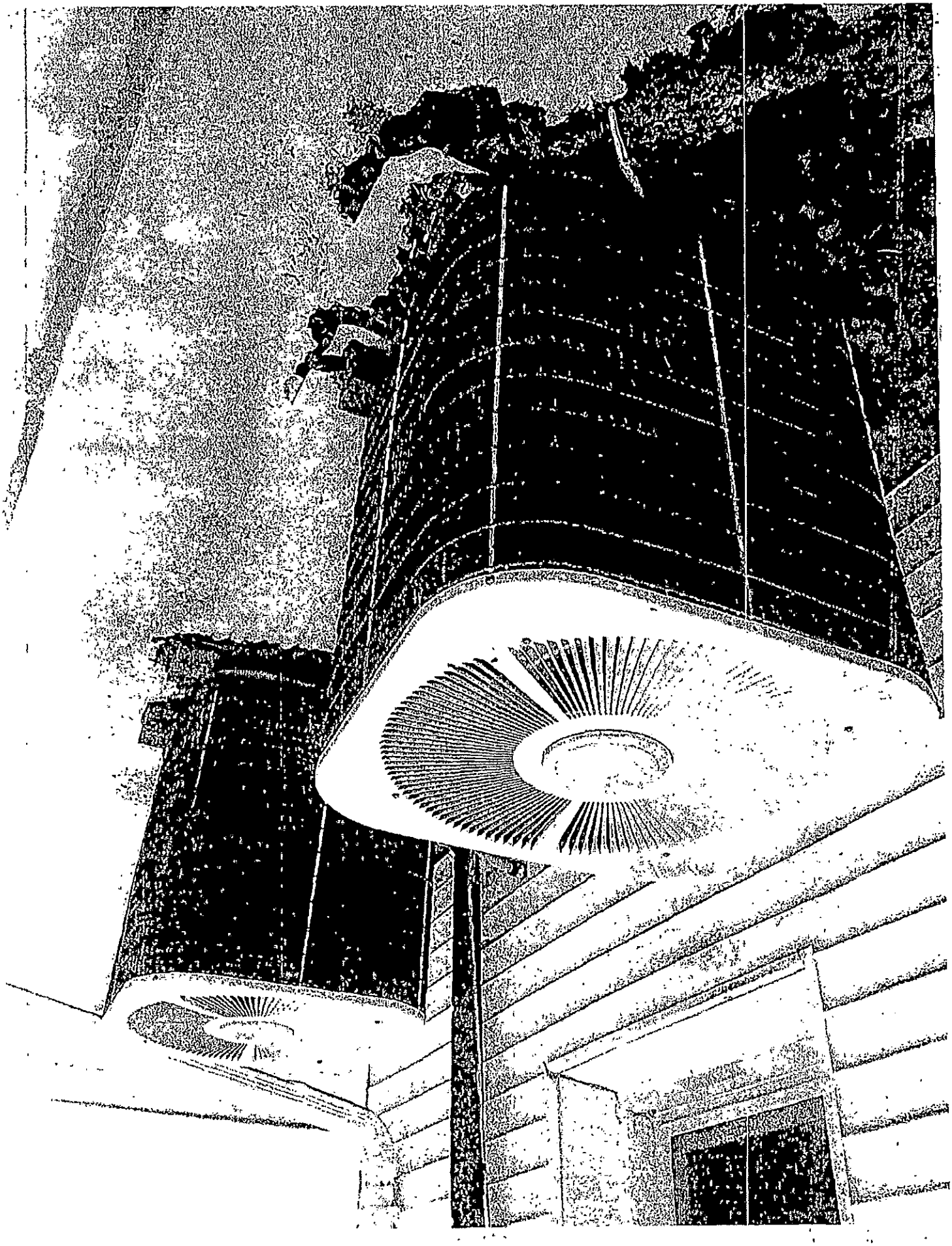
Replacement of the Air Conditioning system that cover the Chief's office and conference room. The replacement unit shall be manufacture by Carrier or equal.

The existing system is a Carrier condensing unit located on the same roof level as the generatorroom. This unit is single phase 208/230 volt. This unit shall have an outside weatherproof disconnect switch as required by the National Code. Existing unit is Carrier Model 38ER024300. The Fan/coil unit for this system is located above the conference room. Existing unit is a Bryant5176N060.

The roof mounting of the condensing units shall be on BLINE DBI0-42 DURA-BLOK Supportsystem. Proper sized for the condensing units.

The scope of work shall include any cost of the State of CT permit fee only. Shipping & handlinglifting units on to the roof. Removal and disposal of the old systems. All labor and material and tools necessary for a complete installation. The HVAC vendor shall be responsible for any low voltage control wiring. Crane service if needed.

Work not included is the electrical disconnect of the existing equipment. And the electrical connections of the new equipment. This is the owners responsible for this work.



32322-5588/1

32322-5588

32322-55881

INSURANCE REQUIREMENTS

Within five days of contract award, the awarded vendor shall provide a Certificate of Insurance in accordance with the following requirements:

Contractor/Vendor will agree to maintain in force at all times during which work/services are to be performed, the following minimum limits of insurance coverage. Coverage will include the bidder and all of its agents, employees and sub-contractors and other providers of services and shall name the **Town of Waterford, its employees and agents as an Additional Insured** on a primary and non-contributory basis to the bidders Commercial General Liability and Automobile Liability policies. The insurance company (ies) must be licensed with the State of Connecticut and have a Financial Strength Rating of "A-" or higher and a Financial Size Rating of VIII or higher from A.M. Best Company.

		(Minimum Limits)
General Liability*	Each Occurrence	$1,000,000
	General Aggregate	$2,000,000
	Products/Completed Operations Aggregate	$2,000,000
Auto Liability*	Combined Single Limit	
	Each Accident	$1,000,000
Umbrella*	Each Occurrence	$1,000,000
(Excess Liability)	Aggregate	$1,000,000
Workers' Compensation &	Work Comp	Statutory Limits
Employers' Liability	EL Each Accident	$1,000,000
	EL Disease Each Employee	$1,000,000
	EL Disease Policy Limit	$1,000,000

The Town of Waterford must be named as "Additional Insured" on this policy.

A Certificates of Insurance documenting the coverage listed above must be presented to The Town of Waterford prior to the commencing of any work/service. The Contractor/Vendor also agrees to provide replacement and/or renewal certificates at least 30 days prior to the expiration of each policy.

If any policy is written on a "Claims Made" basis, the policy must be continually renewed for a minimum of two (2) years following the completion date of the work/service. If the claims-made policy is replaced and/or the retroactive date is changed, then the expiring policy must be endorsed to extend the reporting period for claims for two (2) years from the completion date.

FIFTEEN ROPE FERRY ROAD

WATERFORD, CT 06385-2886

TOWN OF WATERFORD

NON-COLLUSION STATEMENT

"The undersigned affirms that they are duly authorized to execute this contract, that this company, corporation, firm, partnership or individual has not prepared this bid in collusion with any other bidder, and that the contents of this bid as to prices, terms or conditions of said bid have not been communicated by the undersigned nor by any employee or agent to any other person engaged in this type of business prior to the official opening of this bid."

We understand that this proposal must be signed by an authorized agent of our company to constitute a valid proposal.

Date: _____

Name of Company: DUNCKLEE, INC
296 Taugwonk Rd.
Stonington, CT 06378
(860) 535-2552 • dunckleeinc.com

Name and Title of Agent: Jonathan Dunclee, Pres.

By (SIGNATURE): President

Address: DUNCKLEE, INC
296 Taugwonk Rd.
Stonington, CT 06378

Telephone Number: (860) 535-2552 • dunckleeinc.com

32322-55881

CONTRACTOR INFORMATION SHEETS

(These sheets must be completed and included with Bid)

COMPANY NAME: DUNCKLEE, INC
298 Taugwonk Rd.
Stonington, CT 06378
(860) 535-2552 • dunckleeinc.com

ADDRESS: _____

ESTABLISHED: 1973
(Month) (Year)

TYPE OF ORGANIZATION: *(Circle One)*
A) Individual
B) Partnership
C) Corporation
D) Joint Venture
E) Other _____
(Specify)
(If Applicable)

FORMER FIRM NAME(S) YEARS IN BUSINESS

_____ _____

_____ _____

YEARS OF WORK IN A RELATED FIELD: 48
(Described Any Related Work)

_____

_____

_____

EQUIPMENT AND EMPLOYEES:

Provide a list (attached to this sheet) of equipment and employees anticipated to be utilized for this work. JASON Przekop, NOAH EMYS, TERRY CHRISTINSON, MALCOM HIETT

USE OF SUBCONTRACTORS:
To provide all the services listed in the specifications, would any services be handled by

subcontractors? _____ Yes/No If "Yes", please explain:

Crane Service

Subcontractor Name(s): Industrial Engineers of Mystic Shipyard

PROJECT MANAGER: Jonathan Dunckelee, President

COMPLETE AND RETURN
Bid #: ~~22-1600~~ 22-100
Bid TITLE:
Goshen Fire HVAC Replacement

NON-CONFLICT AFFIDAVIT OF RESPONDENTS

No Elected or Appointed Official, SBC member or other officer or employee or person whose salary is payable in whole or in part from the Town of Waterford OR Board of Education, nor any immediate family member thereof, is directly or indirectly interested in the Bid/Proposal, or in the supplies, materials, equipment, work or labor to which it relates, or in any profits thereof.

The undersigned further certifies that this statement is executed for the purpose of inducing the Town of Waterford to consider the statement of qualifications submitted herein.

State of Connecticut S.S.
County of New London

Subscribed and sworn before me this 10th day of August, 20 21.

Legal Name of Respondent: Jonathan Dunckle

Business Name: DUNCKLEE, INC
Business Address: 298 Taugwonk Rd.
Stonington, CT 06378
(860) 535-2552 • dunckleeinc.com

President
Signature and Title of Person

Barb J. Maynard
NOTARY PUBLIC
State of Connecticut
My Commission Expires Nov. 30, 2022

By: Barb J. Maynard

My Commission Expires: _____

Notary Public

Date: 8/09/2021

32322-55881

Non-Discrimination in Employment. During the performance of this Contract, the CONTRACTOR agrees as follows:

The CONTRACTOR shall not discriminate against any employee or applicant for employment because of race, creed, color, sex or national origin. The CONTRACTOR shall take affirmative action to insure that applicants are employed and that employees are treated during employment without regard to their race, creed, color, sex, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, transfer, recruiting or recruitment advertising, layoff, termination, rates of pay or other forms of compensation, and selection for training including apprenticeship. The CONTRACTOR agrees to post in conspicuous places available to employees and applicants for employment notices to be provided, setting forth the provisions of this Non-Discrimination in Employment Clause.

AFFIRMATIVE ACTION/EQUAL EMPLOYMENT ACTIVITIES

Please indicate the name and address of the company official(s) responsible for carrying out the Equal Employment Opportunity/Affirmative Action Program for your company.

Jonathan Duncklee, President

DUNCKLEE, INC
298 Taugwonk Rd.
Stonington, CT 06378
(860) 535-2552 • dunckleeinc.com

If your company does not have a written affirmative action plan, please estimate the number of vacancies during the next 12 months, and indicate the numerical or percentage goals you have set for the employment of minority people and females to make your labor force reflective of the labor market in which you operate.

The vendor/bidder understands that failure to complete the above form in a satisfactory manner will preclude such vendor from being actively considered for contract with the Town of Waterford. The vendor /bidder also understands that the Affirmative Action statements will become part of any contract, and that breach of such statements will constitute a breach of the contract subject to such remedies as provided by law.

I certify that there are no misrepresentations, omissions, or falsifications in the foregoing statements and answers, and that the entries above are true, complete, and correct to the best of my knowledge and belief.

Date 8/9/21 Signature [signature] Pres Title President

Subscribed and sworn to before me at Stonington, Connecticut, Barb J. Maynard

Barb J. Maynard
NOTARY PUBLIC
State of Connecticut
My Commission Expires Nov. 30, 2022

This 9th Day of AUGUST 20 21.

J. MAYNARD NOTARY PUBLIC

32322-55881

AFFIRMATIVE ACTION STATEMENT

NOTE: IF YOUR COMPANY HAS LESS THAN 10 EMPLOYEES, OR HAS COMPLETED THIS SAME FORM WITHIN 1 YEAR, YOU MAY DISREGARD THE FOLLOWING EQUAL EMPLOYMENT/AFFIRMATIVE ACTION SECTION, EXCEPT AS NOTED.

OR: (1) The number of employees 12

(1) Completed this form within one year _____ Yes X No

FOR SEALED BIDS: If your company has completed this form within one

Please forward a photocopy of the initial form with your bid. If significant Changes have taken place within the past year, please update the Information on this form.

REQUIREMENT – Any vendor/bidder seeking to do business with the Town of Waterford must, upon request, supply the Town with any information concerning the Affirmative Action/Equal Employment practices of the vendor/bidder, which the Town and/or Commission deems necessary in fulfilling its charge. Failure to supply such information, when requested, will result in the termination of any further transactions between the vendor/bidder and the Town of Waterford.

COMPANY NAME AND ADDRESS

DUNCKLEE, INC
298 Taugwonk Rd.
Stonington, CT 06378
(860) 535-2552 • dunckleeinc.com

TYPE OF BUSINESS

HVAC REPAIR & INSTALLATION

TYPE OF ORGANIZATION

Corporation S Partnership _____ Individual _____

If unit filing this application is not the above-named company, give the name, address, and telephone number of reporting unit. (Branch, agent, representative).

Employment of Certain Persons Prohibited. No person under the age of sixteen years and no person who at the time is serving sentence in a penal or correctional institution shall be employed on the work covered by this Contract.

32322-55881

COMPLETE AND RETURN
BID# 22-100
BID TITLE Goshen Fire

You are required to furnish the following information to the Town of Waterford:

Name and address of Company
DUNCKLEE, INC
296 Taugwonk Rd.
Stonington, CT 06378
(860) 535-2552 • dunckleeinc.com

(Print or type)

Name and Title of Agent of Company Jonathan Dunckelee, President

(Print or type)

Signature: [signature] Date:

Telephone: ~~860-535~~ 535-2552 x301 Email: JDunckelee@dunckleeinc.com

Fax: 535-5420 Federal ID. Number: 06-0977144

32322-55881

FINANCE DEPARTMENT

Memo

To: The Board of Selectmen

From: Rawle Dummett

CC: Kim Allen

Date: September 7, 2021

Re: **Bid Award – Project Management-State Project L152-0001 Cross Road Rehabilitation Project**

Dear Mr. Brule,

Submittals for the above mentioned project were received from four vendors, on August 18th, 2021 at 10:00 a.m. in response to an advertised Legal Notice. After careful analysis of the submissions, and subsequent interviews with the responsive vendors, it is recommended that VHB Engineering and Architecture be awarded the contract to perform these services.

Funds will be available from Line Item 33020-55850 Cross Road

Sincerely,

Rawle Dummett
Purchasing Agent,
Town of Waterford

INTER-OFFICE MEMORANDUM TOWN OF WATERFORD

To: Rawle Dummett, Purchasing Agent

From: Gary J. Schneider, Director of Public Works

Date: August 31, 2021

Re: Cross Road – Project Management

The Town received 4 submittals from consulting engineering firms for the Construction and Inspection Services for the Cross Road Rehabilitation Project (State Project # L152-0001)

The Department selected 3 firms to interview (AI Engineers, Cardinal Engineering Consultants and VHB). The 4th firm (John Turner Consulting) was not selected as most of that firm's work, as noted on their SF 330, was for out of state projects.

Interviews were scheduled via Zoom for Thursday August 26, 2021 and Monday, August 30, 2021.

Cardinal Engineering, on Friday, notified the Department that they were withdrawing as the firm was awarded additional work.

Interviews were conducted by the Department of Public Works allowing the firms to make a short presentation and then answering prewritten questions following Qualification Based Selection Guidelines.

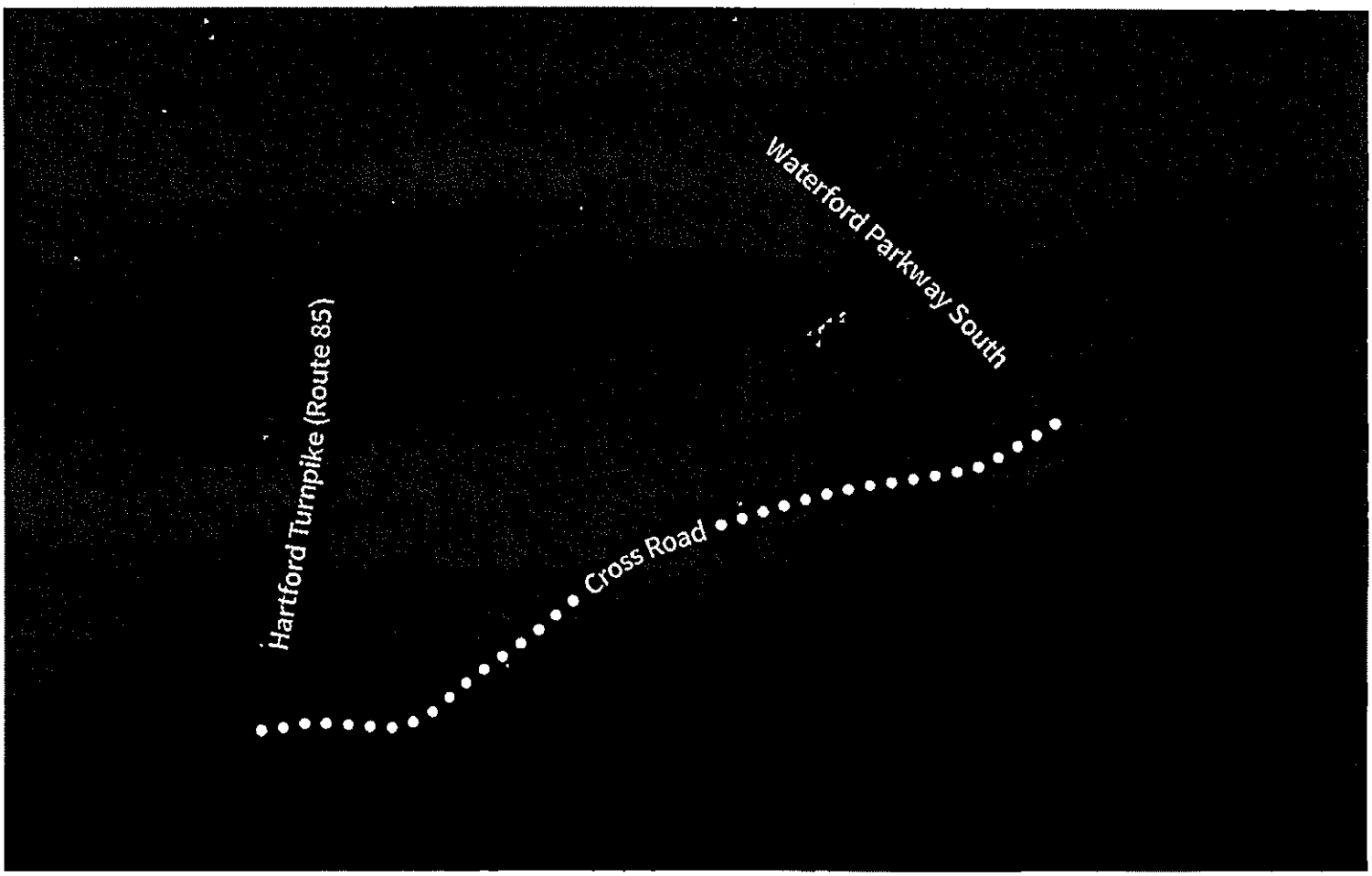
Based on the interviews, it is my recommendation that a contract be entered into with VHB to perform the Construction and Inspection Services for the Cross Road Rehabilitation Project (State Project # L152-0001).

August 18, 2021 | Qualifications

Town of Waterford, Connecticut

State Project No. L152-0001

Cross Road Rehabilitation Project



www.vhb.com

August 18, 2021

Rawle Dummett, Purchasing Agent
Town of Waterford
15 Rope Ferry Road
Waterford, CT 06385

Re: Cross Road Rehabilitation Project (State Project No. L152-0001)

Dear Mr. Dummett:

As a vital connector for local businesses, residents, and commuters, it is essential that the Cross Road Rehabilitation Project be completed efficiently and effectively. VHB's team of construction engineering and inspection professionals have the intimate knowledge of LOTCIP funding requirements, state and municipal procedures, record keeping, and testing requirements to successfully move the Cross Road project forward.

The VHB team has a comprehensive and demonstrated understanding of CTDOT construction inspection related policies and procedures— from maintaining CTDOT reporting requirements, DBE reporting, and labor wage checks to observing compliance with materials testing. While we understand that LOTCIP funded projects are not required to follow the detailed CTDOT construction inspection requirements, we appreciate the importance of record keeping and tracking work performed to confirm that quality work is constructed in accordance with contract documents and is being constructed efficiently within the constraints of schedule and budget.

Project Manager Bill Anderson, PE will facilitate collaboration and open communication among our staff, Town, and contractor, for timely review of shop drawings, RFI's and construction change orders. Bill will bring his experience and lessons learned from working with other municipalities and councils of governments to complete successful, LOTCIP-funded projects from design on through to construction. Recently, Bill has worked with the City of Ansonia on the Wakelee Avenue Reconstruction Project and the Prindle Avenue/Route 243 Pedestrian Enhancement Project. Both projects were funded under the LOTCIP program and included engineering design and inspection services.

We recognize the importance of flexibility and are committed to providing the Town of Waterford with responsive services for this project. Please contact me at (860) 807-4342 or baanderson@vhb.com if you should have any questions or need additional information.

Sincerely,
VHB

Anderson

Bill Anderson, PE
Senior Project Manager

Engineers | Scientists | Planners | Designers

100 Great Meadow Road
Suite 200
Wethersfield, Connecticut 06109
P 860.807.4300
F 860.372.4570

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1

Firm Introduction

1

Firm Introduction

Founded in
1979

1,600 passionate professionals
including engineers, scientists, planners, and designers

30 locations
throughout the east coast

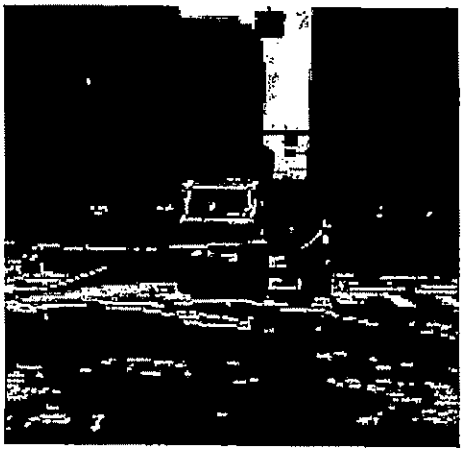
55th on ENR
Top 500 Design Firms List

VHB's team of engineers has guided several local municipalities through the LOTCIP process to deliver successful projects that enhance communities. No matter what stage of the LOTCIP process a municipality may be in, our experienced engineers can hit the ground running. Our understanding of the overall process, our experience working with councils of government, and our working relationship with key stakeholders allows us to understand goals and how they can be successfully accomplished.

VHB's passionate professionals include engineers, construction inspectors, land surveyors, scientists, and designers who partner with public and private clients in the transportation, real estate, institutional, and energy industries, as well as federal, state, and local governments. Together, we work to improve mobility, enhance communities and economic vitality, and balance development and infrastructure needs with environmental stewardship.

We're a team—1,600 strong—eager to deliver value by embracing our clients' goals, anticipating challenges, building lasting partnerships, and always providing an exceptional experience. We're passionate about making meaningful contributions to the world through the work we do, and we are proud, yet humbled, to have been doing this for more than 40 years.

We bring collective knowledge, technical excellence, and a wide network of trusted relationships across our footprint to deliver value. When you have a team with such a broad range of expertise, it's only natural to look at projects from every angle, and ask the types of questions that lead to better solutions. That's what we do at VHB—we help our clients make the right decisions to move their projects forward.



Construction Service Capabilities

VHB provides construction administration and inspection services for all types of site, roadway, bridge, and utility projects. These services, which include bidding assistance, inspection, and measurement of quantities for payment, help ensure a high quality finished project. As part of these services, we provide the owner quantity control and administration of the construction contract. By serving as the owner's representative, we can assist in ensuring that workmanship, physical properties, plant production, equipment, and materials supplied by contractors are in compliance with plans and specifications.

CTDOT Knowledge and Access

For the past 15 years VHB has had a Consultant Liaison Engineering contract with the Connecticut Department of Transportation (CTDOT). Through this contract we have built a solid reputation as a CTDOT team member and, after many years of building this reputation, we have developed relationships with many divisions. VHB is currently providing construction inspection services for CTDOT funded-projects and is very familiar with CTDOT procedures and requirements.

VHB's project team has a comprehensive and demonstrated understanding of Federal and CTDOT policies and procedures. Whether it be maintaining the extensive CTDOT reporting requirements, DBE reporting, labor wage checks, or observing compliance with materials testing or other federal, state, and local requirements.

LOTCIP Application Support & Completion

When it comes to keeping up with capital improvements, we understand that funding is just one of the many challenges faced by municipalities and planning organizations alike. Here at VHB, we are here to help you navigate the LOTCIP process, from beginning to end. With its new, flexible and streamlined process of allocating funding to municipalities for attaining quality capital improvement with minimal oversight, VHB has guided many local municipalities through the application process to successful project completion. After municipalities have identified projects that meet LOTCIP funding guidelines, VHB works with key stakeholders to further define the project's purpose and need while evaluating a projects potential impacts to wetlands, water resources, historic structures, hazardous or contaminated sites, right of way, and utilities.

As part of the project evaluation and application process, VHB prepares concept plans to illustrate the project limits, including pavement widening and roadway realignment, proposed sidewalks, traffic lanes, approximate right of way acquisition limits, proposed structures such as retaining walls, drainage improvements, and typical cross sections. VHB also prepares the CTDOT's Bicycle and Pedestrian Travel Needs Assessment Form and calculates conceptual construction cost estimates.

In engaging both municipal and planning organization stakeholders throughout the application process, VHB works as an extension of our client's staff to produce complete applications with the supportive documentation necessary for successful project initiation. As a result of VHB's assistance the City of Ansonia, the Town of Bloomfield, Town of Simsbury, Town of Waterford, and the Town of Enfield have been successful in obtaining LOTCIP funding for their respective projects.

Pavement Engineering & Inspection

VHB's Pavement Engineering practice is a leader in the field of pavement design, construction inspection, and testing, and our pavement engineers and material testing specialists allow us to provide a service that is one of a kind in Connecticut. Technical support services are provided through construction inspection, HMA inspection, and materials testing. We collect samples, perform the necessary tests, and design the proper pavement section. Testing includes soil classification, hot mix asphalt gradation and extraction, and density testing. In addition, VHB Pavement engineers are instructors for HMA Paving Inspection certification and Quality Assurance Technologist certification for the six New England states, several technology transfer centers, and MassDOT.

VHB provides certified construction inspection personnel to assist with the inspection of roadway construction projects and provide laboratory testing to determine the optimum density of granular base materials. In addition to providing Northeast Transportation Training and Certification Program (NETTCP) certified inspection personnel in the field to monitor the compaction and placement of the HMA, VHB can also provide certified asphalt plant inspectors to test for asphalt content and gradation to assure the quality of the HMA materials provided on paving projects. Our certified inspectors are equipped with density testing gauges during construction inspection.

Roadway Quality Assurance

VHB has extensive experience in monitoring and evaluating the quality of hot mix asphalt and warm mix asphalt both at the production facility and during the placement operations. VHB's testing staff is certified by the NETTCP and all staff maintain valid OSHA certification. At the production facility, random samples of the materials are selected and evaluated for component and volumetric properties. Testing includes fabrication of either Superpave gyratory specimens or Marshall compacted specimens. The random samples are tested for asphalt content and gradation, along with bulk specific gravity and theoretical maximum specific gravity.

The Marshall structural properties and Superpave volumetric properties are analyzed and the results are compared to specification requirements. The liquid performance graded asphalt binder, Ross count coating, tensile strength ratio, Abson recovery, viscosity, penetration and ductility may be evaluated to determine conformance with applicable specifications.

VHB leads the industry in expertise when it comes to HMA placement. The requirements of the Code of Federal Regulations, 23 CFR, Part 637, Quality Assurance (QA) Procedures for Construction, issued June 29, 1995 states "After June 29, 2000, all sampling and testing data to be used in the acceptance decision or the independent assurance program will be executed by qualified sampling and testing personnel." To become qualified, individuals must pass the NETTCP HMA Paving Certification course. This course was developed by VHB in conjunction with NETTCP's committee and is taught by VHB staff. Having the in-house expertise provides staff with greater knowledge and technical acumen. VHB has the capabilities to monitor the placement of the HMA during construction using nuclear and non-nuclear density gauges. The HMA quality is verified through the removal and assessment of pavement cores which are used to correlate the density gauges. All services are completed in VHB's AASHTO accredited laboratory.

2

Federal Form SF 330

2

Federal Form SF 330

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

Request for Qualifications Cross Road Rehabilitation Project, Waterford, CT

2. PUBLIC NOTICE DATE

3. SOLICITATION OR PROJECT NUMBER

State Project No. L152-0001

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE **Bill Anderson, PE; Senior Project Manager**

5. NAME OF FIRM **Vanasse Hangen Brustlin, Inc.**

6. TELEPHONE NUMBER	7. FAX NUMBER	8. E-MAIL ADDRESS
860-807-4300	860-372-4570	baanderson@vhb.com

C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors)

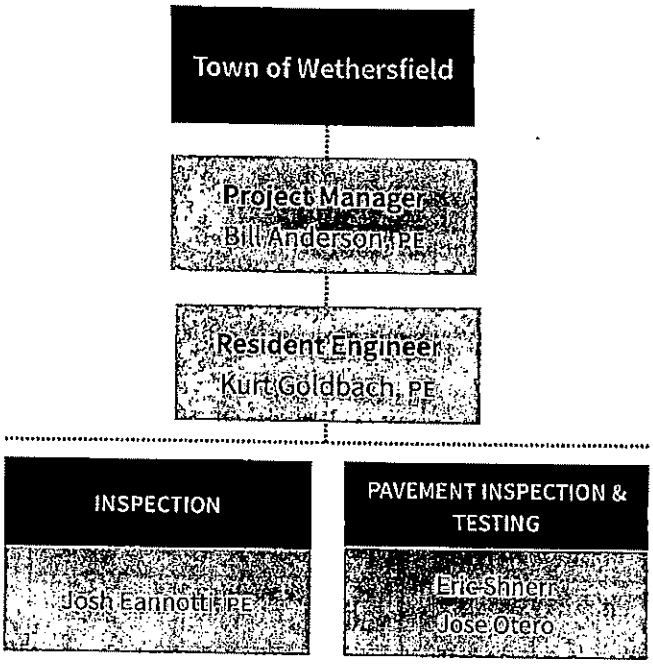
	(Check) PRIME	J-V PARTNER	SUBCON-TRACTOR	9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
a.	X			Vanasse Hangen Brustlin, Inc. X CHECK IF BRANCH OFFICE	100 Great Meadow Rd Suite 200 Wethersfield, CT 06109	Construction Inspection
b.				CHECK IF BRANCH OFFICE		
c.				CHECK IF BRANCH OFFICE		
d.				CHECK IF BRANCH OFFICE		
e.				CHECK IF BRANCH OFFICE		
f.				CHECK IF BRANCH OFFICE		
g.				CHECK IF BRANCH OFFICE		

D. ORGANIZATION CHART OF PROPOSED TEAM

☑ (Attached)

AUTHORIZED FOR LOCAL REPRODUCTION

D. ORGANIZATION CHART OF PROPOSED TEAM



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each Key Person)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Bill Anderson, PE	Project Manager	20	13

15. FIRM NAME AND LOCATION *(City and State)*
Vanasse Hangen Brustlin, Inc. (VHB), Wethersfield, CT

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*
MS, Transportation Engineering, Howard University, 2000; BS, Civil Engineering, Howard University, 1998; AS, Structural Engineering, University of Technology, 1993	Professional Engineer CT 2006; Professional Engineer VA 2004; Amtrak Roadway Worker Protection (Amtrak Contractor) 2021

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Wakelee Avenue, Ansonia, CT	2019	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ✓ Check if project performed with current firm

Bill was Project Manager for the development and submittal of a LOTCIP application for the full depth reconstruction of Wakelee Avenue for the City of Ansonia. As part of the initial application phase, VHB completed all required supporting information intended for submission to the CTDOT. Upon successful completion and approval of the LOTCIP application, VHB prepared contract documents and provided construction inspection services for the full depth reconstruction of this one-mile section of Wakelee Avenue.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Prindle Avenue, Ansonia, CT	2018	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ✓ Check if project performed with current firm

Bill was Project Manager for the successful completion of a LOTCIP application to successfully secure funding for the construction of a 4,000 linear ft. sidewalk project along Prindle Avenue in the City of Ansonia. VHB developed construction documents for the pedestrian enhancement project, which included a sidewalk, curb ramps, crosswalks, drainage adjustments and a rectangular rapid flashing beacon (RRFB).

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
City of Meriden Coe Avenue Extension, Meriden, CT	2021	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ✓ Check if project performed with current firm

Bill provided inspection oversight services for the Meriden Coe Avenue Extension project for the City of Meriden. The project included design, Community Connectivity grant application support, and construction inspection services for the extension of Coe Avenue to include a school route/urban trail for improved pedestrian accessibility.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Woodland Avenue, Bloomfield, CT	2018	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ✓ Check if project performed with current firm

Bill is Project Manager for the pavement rehabilitation of Woodland Avenue for the Town of Bloomfield. Bill is working with the Town to create all of the necessary documentation for the completion of a successful LOTCIP application for the pavement rehabilitation of approximately 5,135 ft. of Woodland Avenue between Peters Road and Blue Hills Avenue.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Freshwater Boulevard Rehabilitation, Enfield, CT	2017	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ✓ Check if project performed with current firm

Bill was Project Manager for the preparation of a LOTCIP application on behalf of the Town of Enfield to successfully secure funding for the rehabilitation of approximately 2,400 lf of Freshwater Boulevard. VHB provided project level evaluations, pavement design recommendations, engineering plans, utility coordination, project coordination meetings with CRCOG, bid phase support, and construction phase support.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each Key Person)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Kurt Goldbach, PE	Resident Engineer	37	4

15. FIRM NAME AND LOCATION *(City and State)*
Vanasse Hangen Brustlin, Inc. (VHB), Wethersfield, CT

16. EDUCATION (Degree and Specialization)
MS, Civil Engineering, University of New Haven, 2003; BS, Civil Engineering, University of New Haven, 1999

17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*
Professional Engineer CT 2003; NorthEast Transportation Training and Certification Program Concrete Tech, Soils & Agg Insp.;Drilled Shaft Insp., HMA Paving Inspection; Certified Professional in Erosion and Sediment Control; OSHA 10-Hour Construction Safety and Health Certificate (OSHA 10-Hr.) 2016; National Institute for Certification in Engineering Technologies (NICET IV)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Wakelee Avenue Reconstruction Construction Inspection, Ansonia, CT

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable
2019	2019

✓ Check if project performed with current firm

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Kurt was Resident Engineer for the construction inspection for the full depth reconstruction of Wakelee Avenue for the City of Ansonia. VHB completed contract documents for the full depth reconstruction of this one mile section of Wakelee Avenue. VHB provided construction inspection services and all construction inspection records were kept in accordance with local municipal and LOTCIP funding standards and compliance.

b.

(1) TITLE AND LOCATION *(City and State)*
Pratt Street Gateway Construction Inspection Services, Meriden, CT

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable
2018	

✓ Check if project performed with current firm

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Kurt was Resident Engineer for the construction of the Pratt Street Gateway for the City of Meriden. VHB provided construction inspection services, including the preparation of daily inspection reports and construction orders, review of contractor requests fo information, coordination of materials testing, preparation of payment applications, review of certified payrolls, performance of labor wage checks, and regular construction progress meetings. All construction inspection records were kept in accordance with local municipal and LOTCIP funding standards and compliance.

c.

(1) TITLE AND LOCATION *(City and State)*
Greater Hartford Transit District Paratransit Operations Maintenance Facility, East Hartford, CT

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable
2016	

✓ Check if project performed with current firm

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Kurt was Resident Engineer for the construction inspection and administration of the Greater Hartford Transit District's 77,000 sf Paratransit Operations Maintenance Facility. Services included full-time site representation during the construction phase of the project to observe on-site progress and performance of the work. VHB conducted final inspections, testing, close-out and payments for grant reimbursement. VHB was also responsible for all construction administrative functions.

d.

(1) TITLE AND LOCATION *(City and State)*
Hartford Intermodal Transit Triangle, Hartford, CT

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable
2015	

✓ Check if project performed with current firm

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Kurt was Chief Inspector for the construction of the Hartford Intermodal Triangle, Pearl-Asylum Streets to State House Square Project. The design included streetscape improvements, traffic calming elements, complete streets, transit priority streets, and eleven new traffic signals along 9,000 linear feet of urban streets within the Hartford Central Business District (CBD). The inspection included observing that construction documentation was kept in compliance with the CTDOT 4 Volume Method.

e.

(1) TITLE AND LOCATION *(City and State)*
Old Stagecoach Road Construction Inspection, Meriden, CT

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable
–	

Check if project performed with current firm

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Prior to joining VHB, Kurt was construction inspector performing contract administration and resident inspection services for the Old Stagecoach Road culvert replacement. The provided services included coordination with the City of Meriden, the contractor, and utility companies, shop drawing review, full-time daily inspection and consultation during construction, monitoring permit compliance, preparation of construction orders, and approval of payment estimates.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each Key Person)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Joshua Eannotti, PE	Inspection	7	7

15. FIRM NAME AND LOCATION *(City and State)*
Vanasse Hangen Brustlin, Inc. (VHB), Wethersfield, CT

16. EDUCATION (Degree and Specialization)
BS, Civil Engineering, University of New Haven, 2014

17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*
Professional Engineer CT; OSHA 10-Hour Construction Safety and Health Certificate, 2014

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
American Public Works Association; American Council of Engineering Companies

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
City of Meriden Coe Avenue Extension, Meriden, CT	2020	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ✓ Check if project performed with current firm

Josh provided construction inspection for the Meriden Coe Avenue Extension project. The project included design, Community Connectivity grant application support, and construction inspection services for the extension of Coe Avenue to include a school route/urban trail for improved pedestrian accessibility.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Reconstruction of Wakelee Avenue, Ansonia, CT	2019	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ✓ Check if project performed with current firm

Josh provided construction inspection for the reconstruction of Wakelee Avenue. The Project begins at the intersection with Division Street and extends north approximately one mile to the intersection with Franklin Street. The project included full depth reconstruction of the existing pavement, new storm drainage, new granite curbing, new sidewalk, as well as signage and pavement markings.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
East Main Street Roadway Improvement Project, Ansonia, CT	Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ✓ Check if project performed with current firm

Josh is Project Manager and is providing oversight for the design and construction of roadway improvements on East Main Street for the City of Ansonia. The project begins at the intersection of East Main Street and Kingston Drive and extends north along East Main Street and ends at the intersection with Main Street and State Street. The project includes approximately 575 linear feet of concrete sidewalk, installation of approximately 250 linear feet of modular block retaining wall, installation of granite curbing, minor drainage improvements, installation of decorative lighting, installation of timber beam rail, sidewalk ramp reconstruction, and reconstruction of commercial driveway.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Prindle Avenue, Ansonia, CT	2019	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ✓ Check if project performed with current firm

Josh provided construction inspection for the construction of a 4,000-linear ft. sidewalk project along Prindle Avenue in the City of Ansonia. VHB worked with Ansonia to provide LOTICP application support for the design and construction of the Prindle Avenue improvements.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
East Hartford Roadway Improvement Program, East Hartford, CT	2019	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ✓ Check if project performed with current firm

Josh provided support for VHB's on-call contract for roadway improvements within the Town of East Hartford. The roadway program has included in-depth pavement analysis and recommendations, complete survey, roadway design, and development of design specifications for improvements to town-maintained roadways. He has participated in the design process to deliver complete plans, specifications, and cost estimates to meet the Town's needs. Project improvements have included roadway resurfacing and pavement reclamation, including local drainage analysis and improvements.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each Key Person)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Eric Schnerr	Pavement Inspection & Testing	8	6

15. FIRM NAME AND LOCATION *(City and State)*
Vanasse Hangen Brustlin, Inc. (VHB), Wethersfield, CT

16. EDUCATION (Degree and Specialization)
BS, Civil Engineering, University of Connecticut, 2013

17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*
Engineer in Training; NorthEast Transportation Training and Certification Program, HMA Paving Inspector, HMA Plant Tech; Concrete Field Testing Technician (ACI Concrete Field Testing Technician-Grade I); OSHA 10-Hour Construction Safety and Health Certificate 2018

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Pavement Management, Evaluation, and Testing, Torrington, CT

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2020 — CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ✓ Check if project performed with current firm

Eric provided construction inspection and pavement quality assurance for the City of Torrington's pavement program. His responsibilities included daily oversight of construction operations and materials testing.

b.

(1) TITLE AND LOCATION *(City and State)*
Pavement Management Services, Norwalk, CT

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: Ongoing — CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ✓ Check if project performed with current firm

Eric provides the City of Norwalk with HMA field placement and plant production quality assurance services. VHB works with the City to configure the GIS Pavement Management system to reflect decision making criteria specific to Norwalk. Since the GPMS implementation, the City has recognized the effectiveness of appropriate maintenance applications and the associated improvement in pavement performance.

c.

(1) TITLE AND LOCATION *(City and State)*
Pavement Management, Evaluation, and Testing, Meriden, CT

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: Ongoing — CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ✓ Check if project performed with current firm

Eric served as a Pavement Technician for the City of Meriden's annual construction and resurfacing programs. During this time, he has been involved in asset management programs, pavement condition updates, and field pavement investigations.

d.

(1) TITLE AND LOCATION *(City and State)*
Dedham Roadway Pavement Inspection, Dedham, MA

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: Ongoing — CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ✓ Check if project performed with current firm

Eric was part of the team providing professional engineering & material testing services for the Town of Dedham. He was responsible for coordinating with the Town and contractors to provide VHB technicians during paving operations and to provide the field technicians with the specifications and instrumentation to properly enforce quality assurance and quality control measures as part of Dedham's road improvement program.

e.

(1) TITLE AND LOCATION *(City and State)*
East Hartford Roadway Improvement Program, East Hartford, CT

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2019 — CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ✓ Check if project performed with current firm

VHB worked the Town of East Hartford to complete their annual Roadway Improvement Program, which includes in-depth pavement analysis and recommendations, complete survey, environmental review and permitting, roadway design, and development of design specifications and construction cost estimates. Eric provided field and lab support including test pit excavation, soils testing, HMA paving inspection, HMA plant testing, and pavement design services.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each Key Person)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Jose Otero, Jr.	Pavement Inspection & Testing	16	15

15. FIRM NAME AND LOCATION *(City and State)*
Vanasse Hangen Brustlin, Inc. (VHB), Middletown, CT

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*
	NorthEast Transportation Training and Certification Program (HMA Plant Technician), (Soils and Agg. Lab Inspector), (Soils and Agg. Inspector), (HMA Paving Inspector), (QA Technologist); Nuclear Regulatory Commission (40 Hour Radiation Safety Officer Training); OSHA 10-Hour Construction Safety and Health Certificate (10 HR course)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
New England Transportation Technician Certification Board, Trainer

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Pavement Management, Evaluation, and Testing, East Hartford, CT	2019	
(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	✓ Check if project performed with current firm	

Jose conducted an extensive citywide roadway inventory by collecting detailed pavement distress data to develop and implement a roadway management system for the Town of East Hartford. The pavement database was used to develop an annual paving program and provides the needed justification for the bond support. VHB Transportation and Pavement Engineers were responsible for the pavement materials evaluations, development of pavement rehabilitation alternatives, complete cross-section and plan design, specifications, contract documents, construction administration and quality assurance construction services.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Pavement Management, Evaluation, and Testing, Norwalk, CT	Ongoing	
(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	✓ Check if project performed with current firm	

VHB's pavement team has supported Norwalk with its pavement management program since the early 1980's. As Task Manager, Jose works closely with city officials to develop an annual program with pavement condition analysis updates, pavement and soil investigations, recommended pavement designs and reconstruction alternatives. He develops technical specifications and provides quality assurance services through sampling and testing.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Pavement Management, Evaluation, and Testing, Cheshire, CT	2016	
(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	✓ Check if project performed with current firm	

As Project Manager, Jose was responsible for the project's staffing requirements, pre-construction, and weekly progress meetings. He has reviewed technical specifications and provided quality assurance services through sampling and testing. The project also required review of Job Mix Formulas. He was also involved in the tracking of milling quantities for payment, daily inspection report processing as well as day to day inspection along with the field staff.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Meriden Paving Program, Meriden, CT	Ongoing	
(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	✓ Check if project performed with current firm	

Since 2012, Jose has been a Task Manager for the City of Meriden's annual construction and resurfacing programs. During this time, he has been involved in asset management programs, providing budget scenarios, developing technical specifications, recommending pavement rehabilitation designs and reconstruction alternatives based on field pavement investigations.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Bridgeport Road Program Pavement Inspection, Bridgeport, CT	2016	
(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	✓ Check if project performed with current firm	

During Bridgeport's annual paving program and the City's ARRA paving program, Jose was responsible for the project's staffing requirements, pre-construction, and weekly progress meetings. He was also involved in the tracking of milling and hot mix material quantities for payment, daily inspection report processing as well as day to day inspection along with the field staff.

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: 1

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Wakelee Avenue Reconstruction; Ansonia, Connecticut	Ongoing	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Ansonia	Sheila O'Malley, Economic Development Director	(203) 736- 5930

24. BRIEF DESCRIPTION OF THE PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

On behalf of the City of Ansonia, VHB developed and submitted a LOTCIP application for the reconstruction of approximately one mile of Wakelee Avenue between Division Street and Franklin Street. As part of the initial application phase, VHB completed required supporting information intended for submission to the CTDOT.

Upon successful completion and approval of the LOTCIP application, VHB prepared contract documents for the full depth reconstruction of this one-mile section of Wakelee Avenue, including the establishment of a uniform 32' wide cross section consisting of 11" travel lanes and 5' shoulders. The improvements also included new storm drainage, new granite curbing, 5' concrete sidewalks, and updated signage and pavement markings. VHB also coordinated with the City and United Illuminating's Light the Night program to provide ornamental, energy-efficient lighting throughout the corridor. The improvements enhanced pedestrian facilities, improved roadway conditions and access management, and ultimately contributed to the uniformity of the corridor.

As part of the project, VHB provided construction inspection services, including the preparation of daily inspection reports and construction orders, review of contractor requests for information, coordination of materials testing, preparation of payment applications, review of certified payrolls, performance of labor wage checks, and conducted regular construction progress meetings. All construction inspection records are kept in accordance with local municipal and Local Transportation Capital Improvement Program (LOTCIP) funding standards and compliance.

VHB Fee: $886,382

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	Vanasse Hangen Brustlin, Inc.	Wethersfield, CT	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: 2

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Prindle Avenue/Route 243 Sidewalk Construction Project; Ansonia, Connecticut	2021	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Ansonia	Sheila O'Malley, Economic Development Director	(203) 736- 5930

24. BRIEF DESCRIPTION OF THE PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

On behalf of the City of Ansonia, VHB developed and submitted a LOTCIP application to successfully secure funding for the construction of 4,000 linear feet of sidewalk along Prindle Avenue and Route 243. VHB developed construction documents for the pedestrian enhancement project, which included sidewalk, curb ramps, crosswalks, a Rectangular Rapid Flashing Beacon (RRFB), and drainage adjustments.

As part of the project, VHB provided construction inspection services, including the preparation of daily inspection reports and construction orders, review of contractor requests for information, coordination of materials testing, preparation of payment applications, review of certified payrolls, performance of labor wage checks, and conducting regular construction progress meetings. All construction inspection records were kept in accordance with local municipal and LOTCIP funding standards and compliance.

VHB Fee: $241,879

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	Vanasse Hangen Brustlin, Inc.	Wethersfield, CT	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: 3

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Pratt Street Gateway Construction Inspection Services, Meriden, Connecticut	2018	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Meriden	Howard Weissberg, PE, PTOE, City Engineer	(203) 630-4022

24. BRIEF DESCRIPTION OF THE PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

VHB worked with the City of Meriden to complete the construction inspection of the Pratt Street Gateway project. The project involved the conversion of Pratt Street from a 4 lane undivided roadway to a 2 lane divided roadway with medians, including the realignment of the intersections of Camp Street and Center Street at Pratt Street, the installation of flush medians, driveway relocations, spot sidewalk repairs, the installation of landscaped median islands, and the milling, paving, utility adjustments, pavement markings and sign installations on Camp Street from Broad Street to Camp Street, and Pratt Street from Camp Street to East Main Street.

As part of the project, VHB provided construction inspection services, including the preparation of daily inspection reports and construction orders, review of contractor requests for information, coordination of materials testing, preparation of payment applications, review of certified payrolls, performance of labor wage checks, and conducting regular construction progress meetings. All construction inspection records were kept in accordance with local municipal and LOTCIP funding standards and compliance.

VHB Fee: $398,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	Vanasse Hangen Brustlin, Inc.	Wethersfield, CT	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: 4

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Bump Out Removal & Sidewalk Reconstruction Construction Management Services, Meriden, Connecticut	2018	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Meriden	Howard Weissberg, PE, PTOE City Engineer	(203) 630-4022

24. BRIEF DESCRIPTION OF THE PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

VHB worked alongside the City of Meriden to provide construction inspection services for the reconstruction of sidewalks and the removal of a bump out along West Main Street and Colony Street. As part of the project, VHB provided construction administration, construction inspection, material testing and other activities required to complete the project.

VHB's responsibilities included preparing daily inspection reports, preparing construction orders, reviewing contractors request for information, coordinating materials testing, preparing payment applications, reviewing certified payrolls, performing labor wage checks, and conducting regular construction progress meetings. All construction inspection records are kept in accordance with municipal standards and requirements.

VHB Fee: $88,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	Vanasse Hangen Brustlin, Inc.	Wethersfield, CT	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT NUMBER: 5

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Hartford Intermodal Transit Triangle; Hartford, Connecticut	2017	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Hartford	Keith Rapoza, Civil Engineer	(860) 522-4888

24. BRIEF DESCRIPTION OF THE PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

VHB was retained by the City of Hartford and the Greater Hartford Transit District (GHTD) for the planning, design and construction inspection of the Hartford Intermodal Transit Triangle, on Pearl Street, Asylum Street and State House Square. The $30 million, approximately 8,500 feet of streetscape, roadway improvements, and signal replacement/modification improvements in Downtown Hartford has been funded through various Federal, State, local and private sources.

VHB also provided construction administration, construction inspection, survey, material testing and other activities required to complete the project. VHB's responsibilities included preparing daily inspection reports, preparing construction orders, reviewing contractors request for information, coordinating materials testing, preparing payment applications, reviewing certified payrolls, performing labor wage checks, and conducting regular construction progress meetings. All construction inspection records were required to be kept in accordance with the CT DOT construction municipality manual and were reviewed and approved for CT DOT compliance. Additionally, VHB assisted the City and the GHTD with tracking the expended funding dollars across three separate funding sources including Bus Livability, STP Urban and the TIGER Grant.

VHB Fee: $3,679,955; Total Constr. Cost: $30,000,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	Vanasse Hangen Brustlin, Inc.	Wethersfield, CT	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: 6

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Broad Street Construction Inspection Services, Hartford, CT	2017	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Hartford	Keith Rapoza, Civil Engineer	(860) 522-4888

24. BRIEF DESCRIPTION OF THE PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

VHB worked with the City of Hartford to complete the construction inspection of the City's Broad Street project. Broad Street is a 2,000 linear foot project from Park Street to Capital Avenue in the City of Hartford consisting of new concrete sidewalk, ornamental lighting, granite stone curbing, replacement of existing retaining walls, drainage improvements, mill and overlay of Broad Street, and a new traffic signal at the intersection of Broad Street and Capital Avenue.

VHB provided construction administration, construction inspection, material testing and other activities required to complete the project. VHB's responsibilities included preparing daily inspection reports, preparing construction orders, reviewing contractors request for information, coordinating materials testing, preparing payment applications, reviewing certified payrolls, performing labor wage checks, and conducting regular construction progress meetings. All construction inspection records were required to be kept in accordance with the CTDOT construction municipality manual and were reviewed and approved for CTDOT compliance.

VHB Fee: $331,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	Vanasse Hangen Brustlin, Inc.	Wethersfield, CT	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: 7

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Raffia Road Improvements; Enfield, Connecticut	2011	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Town of Enfield	Donald Nunes Public Works Director	(860) 763-7599

24. BRIEF DESCRIPTION OF THE PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

VHB provided the Town of Enfield with construction inspection services for the $1M reconstruction of Raffia Road from South Road to Post Road. This one-mile roadway segment included full-depth pavement reconstruction, mill and overlay, sidewalks, curbing, and minor drainage improvements. VHB provided construction administration, managed the procurement and construction contracts, performed daily inspections, and performed pre-final and final inspection of the roadway improvements project.

Our construction engineer attended pre-construction meetings, prepared daily inspection reports, managed Requests for Information, prepared and submitted construction directives, coordinated materials testing, reviewed payment applications, developed punch lists, met with local business owners, and coordinated with the Town of Enfield and Connecticut Department of Transportation. VHB provided additional inspection support throughout the project to observe multiple construction activities and manage the required Connecticut Department of Transportation construction process.

VHB Fee: $212,000; Total Constr. Cost: $1,000,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	Vanasse Hangen Brustlin, Inc.	Wethersfield, CT	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: 8

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Enfield Pavement Preservation Project Construction Inspection Services; Enfield, Connecticut	2014	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Town of Enfield	Donald Nunes, Public Works Director	(860) 763-7599

24. BRIEF DESCRIPTION OF THE PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

VHB provided construction inspection services to the 2014 Pavement Preservation Project as part of an on-call contract for the Town of Enfield. In providing construction inspection services, VHB monitored production, placement, and compaction of the hot mix asphalt materials used to ensure conformance to relevant specifications on behalf of the Town of Enfield.

VHB also provided bid phase and design support, helping the Town of Enfield review initial bid packages and providing engineering design consultation during construction to effectively address changes in field conditions. Tasks in VHB's work for the Town have included a review of the existing conditions on project roadways, the preparation of specifications for use in bid documents, and utility coordination.

VHB's responsibilities also extended to updating the Town's pavement condition ratings, analyzing budget scenarios, and providing recommendations for the future road programs.

VHB Fee: $415,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	Vanasse Hangen Brustlin, Inc.	Wethersfield, CT	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: 9

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Town of East Hartford Roadway Improvement Program, East Hartford, Connecticut	2019	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Town of East Hartford	Doug Wilson	(860) 291-7383

24. BRIEF DESCRIPTION OF THE PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

VHB provided pavement and roadway engineering/design services for the development of multiple construction contracts to rehabilitate over 73 miles of town roads. Services to the Town included determining appropriate and cost-effective pavement repair strategy for each roadway. To accomplish this, VHB's pavement engineers performed inspections and testing on all the identified roadway segments, including pavement surface distress surveys, cores, and test pits. VHB tested and analyzed material samples at our certified AASHTO testing laboratory.

Using GIS mapping and field observations on the existing conditions, VHB's designers collaborated with the Town to develop unique repair strategies for each roadway segment based on existing conditions, sampled materials, and desired performance level of the pavement. VHB engineers provided the Town with complete design and management services required to develop advertise, bid and award each project. Roadway improvement projects included pavement rehabilitation of various levels, including mill/overlays; partial mill/overlays, complete removal of all hot mix asphalt materials with designed overlays, reconstruction, and pavement reclamation.

The contract plans included designed horizontal and vertical geometry, typical sections, drainage improvements, grading plans and cross sections. VHB's construction inspection responsibilities include laboratory testing to determine the optimum density and granular base materials, monitoring the placement of hot mix asphalt in accordance with Connecticut Department of Transportation material specifications, and monitoring the plant production of hot mix materials.

VHB Fee: $364,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	Vanasse Hangen Brustlin, Inc.	Wethersfield, CT	Prime

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Bill Anderson, PE	Project Manager	X	X			X		X	X	X	
Kurt Goldbach, PE	Resident Engineer	X			X	X	X				
Joshua Eannotti, PE	Inspection	X	X	X			X			X	
Eric Schnerr	Pavement Inspection & Testing	X	X	X		X				X	
Jose Otero, Jr.	Pavement Inspection & Testing	X	X	X		X		X	X	X	

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (From Section F)	NO.	TITLE OF EXAMPLE PROJECT (From Section F)
1	Wakelee Avenue Reconstruction	6	Broad Street Construction Inspection Services,
2	Prindle Avenue/Route 243 Sidewalk Construction Project	7	Raffia Road Improvements
3	Pratt Street Gateway Construction Inspection Services	8	Enfield Pavement Preservation Project Construction Inspection Services
4	Bump Out Removal & Sidewalk Reconstruction Construction Management Services,	9	Town of East Hartford Roadway Improvement Program
5	Hartford Intermodal Transit Triangle;	10	

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Bill Anderson, PE	Project Manager	X	X			X		X	X	X	
Kurt Goldbach, PE	Resident Engineer	X			X	X	X				
Joshua Eannotti, PE	Inspection	X	X	X			X			X	
Eric Schnerr	Pavement Inspection & Testing	X	X	X		X				X	
Jose Otero, Jr.	Pavement Inspection & Testing	X	X	X		X		X	X	X	

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (From Section F)	NO.	TITLE OF EXAMPLE PROJECT (From Section F)
1	Wakelee Avenue Reconstruction	6	Broad Street Construction Inspection Services,
2	Prindle Avenue/Route 243 Sidewalk Construction Project	7	Raffia Road Improvements
3	Pratt Street Gateway Construction Inspection Services	8	Enfield Pavement Preservation Project Construction Inspection Services
4	Bump Out Removal & Sidewalk Reconstruction Construction Management Services,	9	Town of East Hartford Roadway Improvement Program
5	Hartford Intermodal Transit Triangle;	10	

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

For additional information about VHB's understanding of the Town of Waterford's Cross Street project, please review the "Firm Introduction", "Project Experience" and "Key Personnel" sections.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE	32. DATE
	8/18/2021
33. NAME AND TITLE Gordon Daring, PE CT Managing Director	

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (or Branch Office) NAME Vanasse Hangen Brustlin, Inc. (VHB) / Wethersfield		3. YEAR ESTABLISHED 1993	4. UNIQUE IDENTITY IDENTIFIER 62-461-2370
2b. STREET 100 Great Meadow Road, Suite 200		5. OWNERSHIP a. TYPE Corporation	
2c. CITY Wethersfield	2d. STATE CT	2e. ZIP CODE 06109-2377	b. SMALL BUSINESS STATUS N/A
6a. POINT OF CONTACT NAME AND TITLE Bill Anderson, PE Project Manager			7. NAME OF FIRM (If block 2a is a branch office) Vanasse Hangen Brustlin, Inc. (VHB)
6b. TELEPHONE NUMBER (860) 807-4342	6c. E-MAIL ADDRESS baanderson@vhb.com		
8a. FORMER FIRM NAME(S) (If any) Vanasse/Hangen Design, Inc., 1978 Vanasse/Hangen Associates, Inc. 1979 Vanasse/Hangen Engineering, Inc. 1986 Vanasse/Hangen, Inc. 1986 Vanasse Hangen Brustlin, Inc. 1989		8b. YEAR ESTABLISHED 1979	8c. UNIQUE IDENTITY IDENTIRIER 09-587-4384

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
15	Construction Inspector	14	1
48	Project Manager	90	5
60	Transportation Engineer	224	6
63	Project Engineer	14	2
73	Pavement Engineer	7	7
	Other	285	0
	Total	1459	46

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
C15	Construction Management	6
H07	Highways; Streets; Airfield Paving; Parking Lots	9
T02	Testing & Inspection Services	2
T03	Traffic & Transportation Engineering	9
	Other	1

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUE OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	7
b. Non-Federal Work	10
c. Total Work	10

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE
August 18, 2021

c. NAME AND TITLE
Gordon Darling, PE, CT Managing Director

3

Project Experience

3

Project Experience

VHB's team has extensive experience working with local municipalities and councils of government to plan, execute, and complete LOTCIP-funded projects that enhance communities. VHB is also an on-call consultant to MetroCOG, NVCOG, and CRCOG for LOTCIP support services, where we serve as a resource for municipalities throughout the LOTCIP process in identifying goals, securing funding, and championing projects from design on through to construction inspection.

The following projects demonstrate VHB's experience in providing services similar to the scope of services outlined in the Town of Waterford's request for qualifications. Our project team has extensive experience in working with municipalities to meet the specific needs of LOTCIP-funded projects while observing construction compliance and specifications.

Wakelee Avenue Reconstruction

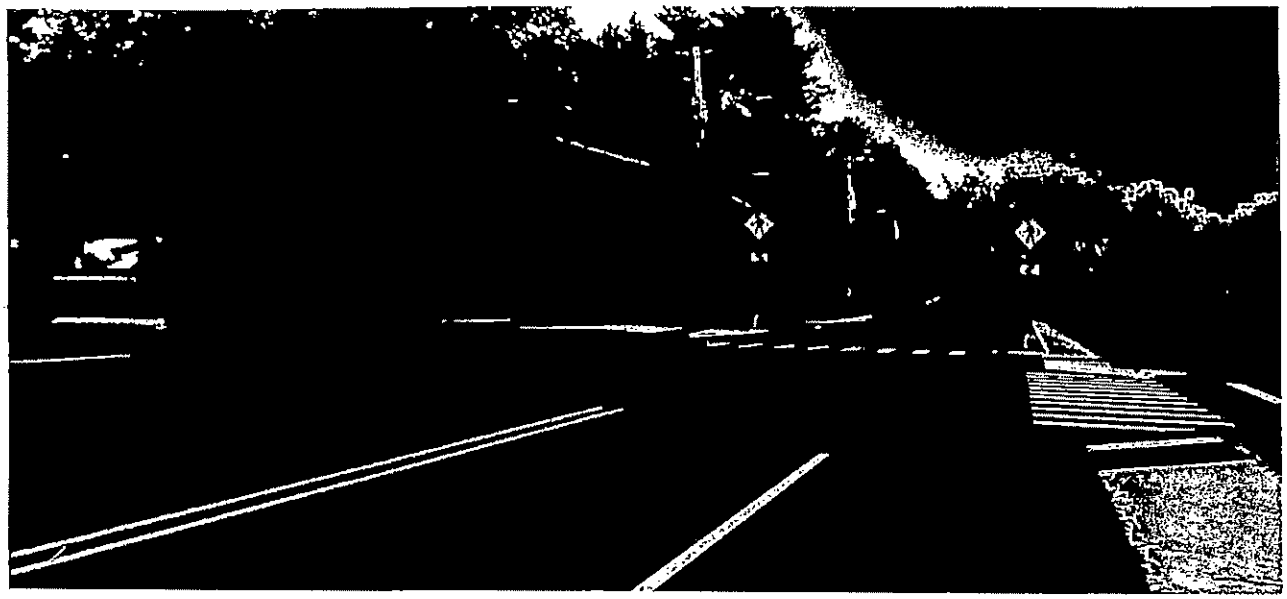
Ansonia, Connecticut

Client
City of Ansonia

On behalf of the City of Ansonia, VHB developed and submitted a LOTCIP application for the reconstruction of approximately one mile of Wakelee Avenue between Division Street and Franklin Street. As part of the initial application phase, we completed required supporting information intended for submission to the CTDOT.

Upon successful completion and approval of the LOTCIP application, VHB prepared contract documents for the full depth reconstruction of this one mile section of Wakelee Avenue, including the establishment of a uniform 32' wide cross section consisting of 11" travel lanes and 5' shoulders. The improvements also included new storm drainage, new concrete curbing, 5' concrete sidewalks, and updated signage and pavement markings. VHB also coordinated with the City and United Illuminating's Light the Night program to provide ornamental, energy-efficient lighting throughout the corridor. The improvements enhanced pedestrian facilities, improved roadway conditions and access management, and ultimately contributed to the uniformity of the corridor.

As part of the project, VHB provided construction inspection services, including the preparation of daily inspection reports and construction orders, review of contractor requests for information, coordination of materials testing, preparation of payment applications, review of certified payrolls, performance of labor wage checks, and conducting regular construction progress meetings. All construction inspection records were kept in accordance with local municipal and LOTCIP funding standards and compliance.



Prindle Avenue/Route 243 Sidewalk Construction Project

Ansonia, Connecticut

Client
City of Ansonia

On behalf of the City of Ansonia, VHB developed and submitted a LOTCIP application to successfully secure funding for the construction of 4,000 linear feet of sidewalk along Prindle Avenue and Route 243. VHB developed construction documents for the pedestrian enhancement project, which included sidewalk, curb ramps, crosswalks, a Rectangular Rapid Flashing Beacon (RRFB), and drainage adjustments.

As part of the project, VHB provided construction inspection services, including the preparation of daily inspection reports and construction orders, review of contractor requests for information, coordination of materials testing, preparation of payment applications, review of certified payrolls, performance of labor wage checks, and conducting regular construction progress meetings. All construction inspection records were kept in accordance with local municipal and LOTCIP funding standards and compliance.

Pratt Street Gateway Construction Inspection Services

Meriden, Connecticut

Client
City of Meriden

VHB worked with the City of Meriden to complete the construction inspection of the Pratt Street Gateway project. The project involved the conversion of Pratt Street from a 4 lane undivided roadway to a 2 lane divided roadway with medians, including the realignment of the intersections of Camp Street and Center Street at Pratt Street, the installation of flush medians, driveway relocations, spot sidewalk repairs, the installation of landscaped median islands, and the milling, paving, utility adjustments, pavement markings and sign installations on Camp Street from Broad Street to Camp Street, and Pratt Street from Camp Street to East Main Street.

As part of the project, VHB provided construction inspection services, including the preparation of daily inspection reports and construction orders, review of contractor requests for information, coordination of materials testing, preparation of payment applications, review of certified payrolls, performance of labor wage checks, and conducting regular construction progress meetings. All construction inspection records were kept in accordance with local municipal and LOTCIP funding standards and compliance.

Bump Out Removal & Sidewalk Reconstruction Construction Management Services

Meriden, Connecticut

Client
City of Meriden

VHB worked alongside the City of Meriden to provide construction inspection services for the reconstruction of sidewalks and the removal of a bump out along West Main Street and Colony Street. As part of the project, VHB provided construction administration, construction inspection, material testing and other activities required to complete the project.

VHB's responsibilities included preparing daily inspection reports, preparing construction orders, reviewing contractors request for information, coordinating materials testing, preparing payment applications, reviewing certified payrolls, performing labor wage checks, and conducting regular construction progress meetings. All construction inspection records are kept in accordance with municipal standards and requirements.

Hartford Intermodal Transit Triangle

Hartford, Connecticut

Client
City of Hartford

VHB was retained by the City of Hartford and the Greater Hartford Transit District (GHTD) for the planning, design and construction inspection of the Hartford Intermodal Transit Triangle, on Pearl Street, Asylum Street and State House Square. The $30 million, approximately 8,500 feet of streetscape, roadway improvements, and signal replacement/modification improvements in Downtown Hartford has been funded through federal, state, local and private sources.

VHB also provided construction administration, construction inspection, survey, material testing and other activities required to complete the project. VHB's responsibilities included preparing daily inspection reports, preparing construction orders, reviewing contractors request for information, coordinating materials testing, preparing payment applications, reviewing of certified payrolls, performing labor wage checks, and conducting regular construction progress meetings. All construction inspection records were required to be kept in accordance with the CT DOT construction municipality manual and were reviewed and approved for CTDOT compliance. VHB assisted the City and the GHTD with tracking the expended funding dollars across three separate funding sources including Bus Livability, STP Urban and the TIGER Grant.

Broad Street Construction Inspection Services

Hartford, Connecticut

Client
City of Hartford

VHB worked with the City of Hartford to complete the construction inspection of the City's Broad Street project. Broad Street is a 2,000 linear foot project from Park Street to Capital Avenue in the City of Hartford consisting of new concrete sidewalk, ornamental lighting, granite stone curbing, replacement of existing retaining walls, drainage improvements, mill and overlay of Broad Street, and a new traffic signal at the intersection of Broad Street and Capital Avenue.

VHB provided construction administration, construction inspection, material testing and other activities required to complete the project. VHB's responsibilities included preparing daily inspection reports, preparing construction orders, reviewing contractors request for information, coordinating materials testing, preparing payment applications, reviewing certified payrolls, performing labor wage checks, and conducting regular construction progress meetings. All construction inspection records were required to be kept in accordance with the CTDOT construction municipality manual and were reviewed and approved for CTDOT compliance.

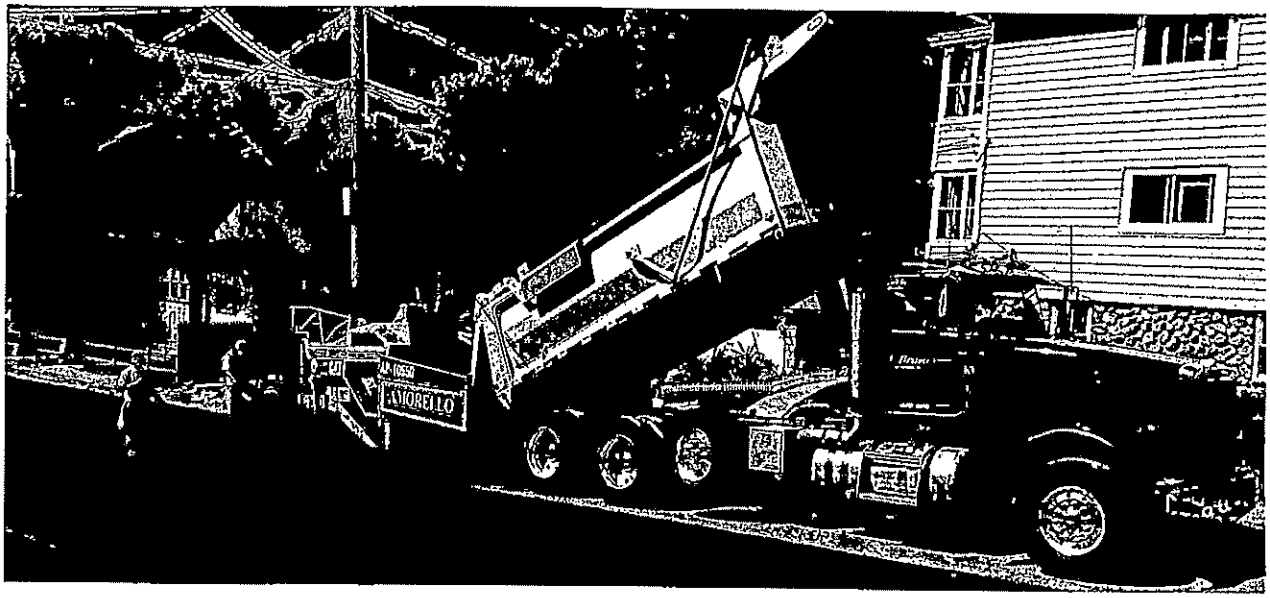
Raffia Road Improvements

Enfield, Connecticut

Client
Town of Enfield

VHB provided the Town of Enfield with construction inspection services for the $1M reconstruction of Raffia Road from South Road to Post Road. This one-mile roadway segment included full-depth pavement reconstruction, mill and overlay, sidewalks, curbing, and minor drainage improvements. VHB provided construction administration, managed the procurement and construction contracts, performed daily inspections, and performed pre-final and final inspection of the roadway improvements project.

Our construction engineer attended pre-construction meetings, prepared daily inspection reports, managed Requests for Information, prepared and submitted construction directives, coordinated materials testing, reviewed payment applications, developed punch lists, met with local business owners, and coordinated with the Town of Enfield and Connecticut Department of Transportation. VHB provided additional inspection support throughout the project to observe multiple construction activities and manage the required Connecticut Department of Transportation construction process.



Enfield Pavement Preservation Project Construction Inspection Services

Enfield, Connecticut

Client
Town of Enfield

VHB worked with the Town of Enfield to provide professional engineering and materials testing services on an as-needed basis for the quality assurance of the hot mix asphalt material used in the Town's annual road program. As part of the quality assurance program, VHB provided a certified technician at each project location to complete quality assurance sampling and testing of the materials, and to monitor the placement operations and to check compaction for rolling operations and specification compliance. Site samples taken were laboratory tested to determine optimum density and graduation of the granular subgrade, subbase, and base materials.

At each paving site, VHB provided an NETTCP certified technician to monitor the placement operations, check the compaction for rolling operations, and complete daily field inspections to check the placement and the compaction of the mat and joint with density gauges. The temperatures and thickness of the material placed was also measured and monitored.

Town of East Hartford Roadway Improvement Program

East Hartford, Connecticut

Client
Town of East Hartford

VHB provided pavement and roadway engineering/design services for the development of multiple construction contracts to rehabilitate over 50 miles of town roads. Services to the Town included determining appropriate and cost-effective pavement repair strategy for each roadway. To accomplish this, VHB's pavement engineers performed inspections and testing on all the identified roadway segments, including pavement surface distress surveys, cores, and test pits. VHB tested and analyzed material samples at our certified AASHTO testing laboratory.

Using GIS mapping and field observations on the existing conditions, VHB's designers collaborated with the Town to develop unique repair strategies for each roadway segment based on existing conditions, sampled materials, and desired performance level of the pavement. VHB engineers provided the Town with complete design and management services required to develop, advertise, bid and award each of these projects. The Roadway Improvement Projects included pavement rehabilitation of various levels, including mill/overlays; partial mill/overlays, complete removal of all hot mix asphalt materials with designed overlays, and pavement reclamation.

The contract plans included designed horizontal and vertical geometry, design typical sections, drainage improvements, grading plans, and cross sections. Repairs included reconstruction of driveway aprons, installation of ADA sidewalk ramps, pavement under-drains, new drainage tops, new curbing, as well as repairs and replacement of loop detectors, sidewalks, guide rails, and other features. VHB's construction inspection responsibilities included laboratory testing to determine the optimum density and granular base materials, monitoring the placement of hot mix asphalt in accordance with Connecticut Department of Transportation material specifications, and monitoring the plant production of hot mix materials.

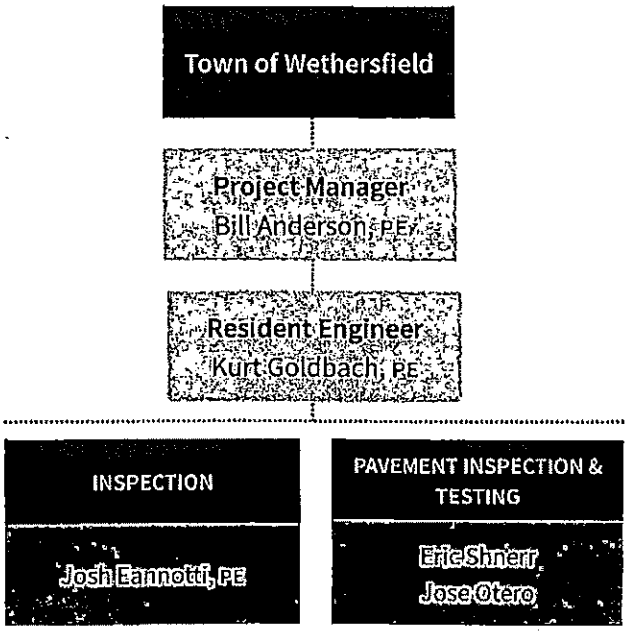
4

Key Personnel

4

Key Personnel

The VHB Project Team is led by **Bill Anderson, PE**, who will serve as the primary point of contact for the Town. All project work will be managed entirely out of VHB's Connecticut office, using a project team of seasoned professionals familiar with the anticipated challenges and solutions associated with roadway projects. Bill has led this team on many successful LOTCIP projects throughout Connecticut. This experience contributes to our teams in-depth knowledge of the LOTCIP process and procedures, making sure each project is successful.



Bill A. Anderson, PE

Project Manager

Bill will serve as Project Manager and primary point of contact for the Town of Waterford's Cross Road project. Bill is a VHB Project Manager, responsible for bike path, traffic, and roadway design projects. His technical experience includes roadway design, traffic calming, traffic operations and safety, signal design, maintenance and protection of traffic, construction staging, construction inspection, planning, and cost estimating.

Education

MS, Transportation Engineering, Howard University, 2000

BS, Civil Engineering, Howard University, 1998

AS, Structural Engineering, University of Technology, 1993

Registrations/Certifications

Amtrak Roadway Worker Protection, 2021

Professional Engineer CT, 2006

Professional Engineer VA, 2004

18 years of professional experience

Wakelee Avenue, Ansonia, CT

Bill was Project Manager for the development and submittal of a LOTCIP application for the full depth reconstruction of Wakelee Avenue for the City of Ansonia. As part of the initial application phase, VHB completed all required supporting information intended for submission to the CTDOT. Upon successful completion and approval of the LOTCIP application, VHB prepared contract documents and provided construction inspection services for the full depth reconstruction of this one mile section of Wakelee Avenue, including the establishment of a uniform 32' wide cross section consisting of 11" travel lanes and 5' shoulders. The improvements also included new storm drainage, new granite curbing, 5' concrete sidewalks, and updated signage and pavement markings. VHB provided construction inspection services, including the preparation of daily inspection reports and construction orders, review of contractor requests for information, coordination of materials testing, preparation of payment applications, review of certified payrolls, performance of labor wage checks, and conducting regular construction progress meetings. All construction inspection records were kept in accordance with local municipal and LOTCIP funding standards and compliance.

Prindle Avenue, Ansonia, CT

Bill was Project Manager for the successful completion of a LOTCIP application to successfully secure funding for the construction of a 4,000-linear ft. sidewalk project along Prindle Avenue in the City of Ansonia. VHB developed construction documents for the pedestrian enhancement project, which included a sidewalk, curb ramps, crosswalks, drainage adjustments and a rectangular rapid flashing beacon (RRFB). VHB provided construction inspection services, including the preparation of daily inspection reports and construction orders, review of contractor requests for information, coordination of materials testing, preparation of payment applications, review of certified payrolls, performance of labor wage checks, and conducting regular construction progress meetings. All construction inspection records were kept in accordance with local municipal and LOTCIP funding standards and compliance.

City of Meriden Coe Avenue Extension, Meriden, CT

Bill provided inspection oversight services for the Meriden Coe Avenue Extension project for the City of Meriden. The project included design, Community Connectivity grant application support, and construction inspection services for the extension of Coe Avenue to include a school route/urban trail for improved pedestrian accessibility. VHB provided construction inspection services, including the preparation of daily inspection reports and construction orders, review of contractor requests for information, coordination of materials testing, preparation of payment applications, review of certified payrolls, performance of labor wage checks, and conducting regular construction progress meetings. All construction inspection records were kept in accordance with local municipal and federal funding standards and compliance.

Woodland Avenue, Bloomfield, CT

Bill is Project Manager for the pavement rehabilitation of Woodland Avenue for the Town of Bloomfield. Bill is working with the Town to create all of the necessary documentation for the completion of a successful Local Transportation Capital Improvement Program (LOTCIP) application for the pavement rehabilitation of approximately 5,135 ft. of Woodland Avenue between Peters Road and Blue Hills Avenue. Elements of the project include mill and overlay with hot mix asphalt, limited bituminous concrete curbing, bituminous concrete driveway, loop detector replacement and pavement markings.

Freshwater Boulevard Rehabilitation, Enfield, CT

Bill was Project Manager for the preparation of a LOTCIP application on behalf of the Town of Enfield to successfully secure funding for the rehabilitation of approximately 2,400 lf of Freshwater Boulevard. VHB provided project level evaluations, pavement design recommendations, engineering plans, utility coordination, project coordination meetings with CRCOG, bid phase support, and construction phase support.

Kurt Goldbach, PE

Resident Engineer

Education

MS, Civil Engineering, University of New Haven, 2003

BS, Civil Engineering, University of New Haven, 1999

Registrations/Certifications

Professional Engineer CT

Professional Engineer NY

NorthEast Transportation Training and Certification Program- Concrete Technician

NorthEast Transportation Training and Certification Program- Soils & Agg Insp.

NorthEast Transportation Training and Certification Program- Drilled Shaft Insp.

NorthEast Transportation Training and Certification Program- HMA Paving Inspection

Certified Professional in Erosion and Sediment Control

OSHA 10-Hour Construction Safety and Health Certificate, 2016

Kurt will be the Resident Engineer for the Town's Cross Road Project. Kurt has three decades of experience in the construction industry with extensive experience on Connecticut Department of Transportation bridge and highway projects. Project duties typically have included the preparation of project records, written communication, daily reports, cost plus work, change orders, time extensions, and complete project closeout. He has also performed oversight of large-scale municipal storm drainage, sanitary sewer installations and road reconstruction projects, which have required working closely with city officials, contractors, designers, and local residents and businesses.

38 years of professional experience

Wakelee Avenue Reconstruction Construction Inspection, Ansonia, CT

Kurt was a Resident Engineer for the construction inspection for the full depth reconstruction of Wakelee Avenue for the City of Ansonia. VHB completed contract documents for the full depth reconstruction of this one mile section of Wakelee Avenue, including the establishment of a uniform 32' wide cross section consisting of 11" travel lanes and 5' shoulders. The improvements also included new storm drainage, new concrete curbing, 5' concrete sidewalks, and updated signage and pavement markings. VHB provided construction inspection services, including the preparation of daily inspection reports and construction orders, review of contractor requests for information, coordination of materials testing, preparation of payment applications, review of certified payrolls, performance of labor wage checks, and conducting regular construction progress meetings. All construction inspection records were kept in accordance with local municipal and LOTCIP funding standards and compliance.

Pratt Street Gateway Construction Inspection Services, Meriden, CT

Kurt was Resident Engineer for the construction of the Pratt Street Gateway for the City of Meriden. The project involved the conversion of Pratt Street from a 4 lane undivided roadway to a 2 lane divided roadway with medians, including the realignment of the intersections of Camp Street and Center Street at Pratt Street, the installation of flush medians, driveway relocations, spot sidewalk repairs, the installation of landscaped median islands, and the milling, paving, utility adjustments, pavement markings and sign installations on Camp Street from Broad Street to Camp Street, and Pratt Street from Camp Street to East Main Street. VHB provided construction inspection services, including the preparation of daily inspection reports and construction orders, review of contractor requests for information, coordination of materials testing, preparation of payment applications, review of certified payrolls, performance of labor wage checks, and conducting regular construction progress meetings. All construction inspection records were kept in accordance with local municipal and LOTCIP funding standards and compliance.

Kurt Goldbach, PE

Greater Hartford Transit District Paratransit Operations Maintenance Facility, East Hartford, CT

Kurt was Resident Engineer for the construction inspection and administration of the Greater Hartford Transit District's 77,000 sf Paratransit Operations Maintenance Facility. Services included full-time site representation during the construction phase of the project to observe on-site progress and performance of the work to determine contract document adherence and conformance with CTDOT Construction Inspection requirements. In determining contract document adherence, VHB conducted final inspections, testing, close-out and payments for grant reimbursement. VHB was also responsible for all construction administrative functions including correspondence, construction orders, utility coordination, wage monitoring, and DBE monitoring while providing consultation, technical engineering support, and advice during the construction of the facility.

Hartford Intermodal Transit Triangle, Hartford, CT

Kurt was Chief Inspector for the construction of the Hartford Intermodal Triangle, Pearl-Asylum Streets to State House Square Project. The design included streetscape improvements, traffic calming elements, complete streets, transit priority streets, and eleven new traffic signals along 9,000 linear feet of urban streets within the Hartford Central Business District (CBD). The project included streamlined accommodations for CTFastrak services between Union Station and State House Square, improved local and regional transit services, and accommodations to private transit service providers. Construction Inspections services were provided to the City of Hartford and the Greater Hartford Transit District. The inspection included observing that construction documentation was kept in compliance with the CTDOT 4 Volume Method of record keeping. Daily inspection reports, construction orders, and application for payment were prepared, contractor requests for information were reviewed, materials testing was coordinated, and wage checks for compliance with CT Department of Labor were performed.

Old Stagecoach Road Construction Inspection, Meriden, CT

Prior to joining VHB, Kurt was construction inspector performing contract administration and resident inspection services for the Old Stagecoach Road culvert replacement. The improvements included the replacement of an existing 48 inch metal culvert with the installation of a new 10 foot x 5 foot concrete box culvert. Utility coordination was critical, with the new culvert being installed adjacent to an existing 8 inch sanitary sewer and crossing under a 20 inch sanitary sewer force main and 8 inch water main. The provided services included coordination with the City of Meriden, the contractor, and utility companies, shop drawing review, full-time daily inspection and consultation during construction, monitoring permit compliance, preparation of construction orders, and approval of payment estimates.

Joshua Eannotti, PE

Inspection

Education

BS, Civil Engineering, University of New Haven, 2014

Registrations/Certifications

Professional Engineer CT, 2019

OSHA 10-Hour Construction Safety and Health Certificate, 2014

Josh will bring his experience in working on local LOTCIP projects to provide Inspection support services for the Cross Road project. Josh is a Transportation Engineer in VHB's Wethersfield, Connecticut office who has provided inspection services for several state funded projects including LOTCIP. He works with local municipalities to design roadways, sidewalks, and bicycle and pedestrian trails. He also collects and analyzes data to evaluate roadway conditions for municipal pavement management efforts.

6 years of professional experience

City of Meriden Coe Avenue Extension, Meriden, CT

Josh provided construction inspection services for the Meriden Coe Avenue Extension project. The project included design, Community Connectivity grant application support, and construction inspection services for the extension of Coe Avenue to include a school route/urban trail for improved pedestrian accessibility. VHB provided construction inspection services, including the preparation of daily inspection reports and construction orders, review of contractor requests for information, coordination of materials testing, preparation of payment applications, review of certified payrolls, performance of labor wage checks, and conducting regular construction progress meetings. All construction inspection records were kept in accordance with municipal and state funding standards and compliance.

Reconstruction of Wakelee Avenue, Ansonia, CT

Josh provided construction inspection for the reconstruction of Wakelee Avenue. The Project began at the intersection with Division Street and extends north approximately one mile to the intersection with Franklin Street. The Project included full depth reconstruction of the existing pavement, new storm drainage, new granite curbing, new sidewalk, as well as signage and pavement markings.

East Main Street Improvement Project, Ansonia, CT

Josh is Project Manager and is providing oversight for the design and construction of roadway improvements on East Main Street for the City of Ansonia. The project begins at the intersection of East Main Street and Kingston Drive and extends north along East Main Street and ends at the intersection with Main Street and State Street. The project includes approximately 575 linear feet of concrete sidewalk, installation of approximately 250 linear feet of modular block retaining wall, installation of granite curbing, minor drainage improvements, installation of decorative lighting, installation of timber beam rail, sidewalk ramp reconstruction, and reconstruction of commercial driveway.

Prindle Avenue, Ansonia, CT

Josh provided construction inspection for the construction of a 4,000-linear ft. sidewalk project along Prindle Avenue in the City of Ansonia. VHB worked with Ansonia to provide LOTICP application support for the design and construction of the Prindle Avenue improvements. VHB developed construction documents for the pedestrian enhancement project, which includes a sidewalk, curb ramps, crosswalks, drainage adjustments and a rectangular rapid flashing beacon (RRFB). VHB provided construction inspection services, including the preparation of daily inspection reports and construction orders, review of contractor requests for information, coordination of materials testing, preparation of payment applications, review of certified payrolls, performance of labor wage checks, and conducting regular construction progress meetings. All construction inspection records were kept in accordance with local municipal and LOTCIP funding standards and compliance.

East Hartford Roadway Improvement Program, East Hartford, CT

Josh provided support for VHB's on-call contract for roadway improvements within the Town of East Hartford. The roadway program has included in-depth pavement analysis and recommendations, complete survey, roadway design, and development of design specifications for improvements to town-maintained roadways. He has participated in the design process to deliver complete plans, specifications, and cost estimates to meet the Town's needs. Project improvements have included roadway resurfacing and pavement reclamation, including local drainage analysis and improvements.

Pavement Management Road Resurvey, Cromwell, CT

Josh assisted with project communications, data analysis and reporting for the Town of Cromwell's Pavement Management Road Resurvey. VHB assisted the Town with the management, configuration, and support of its GIS based pavement management system. Josh assisted with data analysis by examining various multi-year funding scenarios using the GIS based pavement management system.

Town of South Windsor Pavement Update, South Windsor, CT

Josh assisted with the project communications and data analysis for the Town of South Windsor's Pavement Update. Josh was responsible for producing an executive summary which outlined the overall condition of the Town's pavement network and discussed the effects of various multi-year funding scenarios.

Eric D. Schnerr

Pavement Inspection & Testing

Education

BS, Civil Engineering, University of Connecticut, 2013

Registrations/Certifications

Engineer in Training

NorthEast Transportation Training and Certification Program (HMA Paving Inspector), 2013

NorthEast Transportation Training and Certification Program (HMA Plant Tech), 2016

Concrete Field Testing Technician (ACI Concrete Field Testing Technician-Grade I), 2013

OSHA 10-Hour Construction Safety and Health Certificate, 2018

Eric will work with the Town to provide Pavement Inspection and Testing for the Cross Road project. Eric is a Pavement Consultant with VHB's Connecticut office who has assisted with HMA and WMA sampling and testing projects. Eric is an ACI-certified Concrete Field Testing Technician - Grade I. He has a Bachelor of Science in Civil Engineering and maintains his EIT certification.

8 years of professional experience

Pavement Management, Evaluation, and Testing, Torrington, CT

Eric provided construction inspection and pavement quality assurance for the City of Torrington's pavement program. His responsibilities included daily oversight of construction operations and materials testing.

Pavement Management, Evaluation, and Testing, Norwalk, CT

Since the early 1980s, VHB pavement experts have initiated and supported Norwalk with its pavement management program. With VHB's support, the City became a leading edge community in pavement management, engineering and quality assurance, resulting in a net savings of 11M in its road program over two decades. As Pavement Consultant, Eric helped collect data pavement condition analysis updates, and pavement and soil investigations.

On-Call Pavement Management Quality Assurance, Meriden, CT

As a Pavement Inspection Engineer for the City of Meriden's annual construction and resurfacing program, Eric has been involved in asset management programs, pavement condition updates, field pavement investigations, HMA paving inspection as well as HMA plant testing.

Dedham Roadway Pavement Inspection, Dedham, MA

Eric was part of the team providing professional engineering & material testing services for the Town of Dedham. He was responsible for coordinating with the Town and contractors to provide VHB technicians during paving operations and to provide the field technicians with the specifications and instrumentation to properly enforce quality assurance and quality control measures as part of Dedham's road improvement program.

East Hartford Roadway Improvement Program, East Hartford, CT

VHB worked the Town of East Hartford to complete their annual Roadway Improvement Program, which includes in-depth pavement analysis and recommendations, complete survey, environmental review and permitting, roadway design, and development of design specifications and construction cost estimates. Eric provided field and lab support including test pit excavation, soils testing, HMA paving inspection, HMA plant testing, and pavement design services.

Professional Pavement Engineering Services, Worcester, MA

Eric is working on a contract for the City of Worcester to develop and implement quality-based technical specifications that incorporate Superpave mixtures. The project demands require rapid turnaround of job mix formula review for several separate contracts all with different contractors and utilizing different hot mix asphalt (HMA) mixtures. Eric is providing job mix formula review, as well as field placement quality assurance services for this contract.

Jose R. Otero, Jr.

Pavement Inspection & Testing

Registrations/Certifications

NorthEast Transportation Training and Certification Program (HMA Plant Technician), 2006

NorthEast Transportation Training and Certification Program (Soils and Agg. Lab Inspector), 2011

NorthEast Transportation Training and Certification Program (Soils and Agg. Inspector), 2012

NorthEast Transportation Training and Certification Program (HMA Paving Inspector), 2008

NorthEast Transportation Training and Certification Program (QA Technologist), 2010

Nuclear Regulatory Commission (40 Hour Radiation Safety Officer Training), 2012

OSHA 10-Hour Construction Safety and Health Certificate (10 HR course), 2016

Affiliations/Memberships

New England Transportation Technician Certification Board, Trainer

Jose will work with the Town to provide Pavement Inspection and Testing for the Cross Road project. Jose is responsible for supervising VHB's staff of pavement technicians, and project oversight, as well as field-testing and inspection of both aggregate and hot mix asphalt materials in accordance with ASTM, AASHTO, local, state and federal or military specifications. He is also an instructor for the NETTCP HMA Paving Inspector Certification course and conducts best practice training for paving crews. An NETTCP certified technologist and a licensed technician and radiation safety officer by the Nuclear Regulatory Commission for Pavement Density Testing.

17 years of professional experience

Pavement Management, Evaluation, and Testing, East Hartford, CT

Jose conducted an extensive town-wide roadway inventory by collecting detailed pavement distress data to develop and implement a roadway management system for the Town of East Hartford. The pavement database was used to develop the Town's annual paving program and provided the needed justification for the bond support. VHB Transportation and Pavement Engineers were responsible for pavement materials evaluations, development of pavement rehabilitation alternatives, complete cross-section and plan design, specifications, contract documents, construction administration and quality assurance construction services. To improve performance, construction documents included enforceable specifications for quality. During construction, VHB provided milling inspection, paving inspection, and hot mix asphalt (HMA) production inspection services. VHB provided detailed material test reports to determine compliance and apply incentive or disincentive adjustments.

Pavement Management, Evaluation, and Testing, Norwalk, CT

VHB's pavement team has supported Norwalk with its pavement management program since the early 1980's. As Task Manager, Jose works closely with city officials to develop an annual program with pavement condition analysis updates, pavement and soil investigations, recommended pavement designs and reconstruction alternatives. He develops technical specifications and provides quality assurance services through sampling and testing. The work encompasses some thirty streets each year in which pavement reclamation, reconstruction, milling and overlays are used as rehabilitation options.

Pavement Management, Evaluation, and Testing, Cheshire, CT

As Project Manager, Jose was responsible for the project's staffing requirements, pre-construction, and weekly progress meetings. He has reviewed technical specifications and provided quality assurance services through sampling and testing. The project also required review of Job Mix Formulas. He was also involved in the tracking of milling quantities for payment, daily inspection report processing as well as day to day inspection along with the field staff.

WATERFORD POLICE DEPARTMENT

Memo

To: First Selectman Brule

From: Chief Mahoney

CC:

Date: September 15, 2021

Re: Request to Surplus Equipment

I am requesting the following equipment used by the Police Department to be placed on the Town of Waterford's surplus list. This surplus was voted on and approved by the Waterford Police Commission on September 13, 2021 at their regularly scheduled meeting;

- "Cogent" Automated Fingerprint Identification System console, serial number F15C009849.

This console is rendered useless as the State of Connecticut has canceled their agreement with this vendor and moved to another vendor. We have ensure that we retain the hard drive used in this console for security purposes.

Additionally – I seek that this item be turned over to the Vinyl Technical High School Criminal Justice and Protective Services program. This program is a line of study like any other at the Vinyl Technical School in Middletown, and is training prospective police officer candidates in an era that these candidates are hard to find. I believe that this will create some pathways for their students to become potential community service officers or police officers with our agency in the future.

TOWN OF WATERFORD
TRANSFER REQUEST FORM

Out of Series Transfer Request

ASSESSOR
DEPARTMENT

FY22 - 1ST QUARTER #2

Line No.	Org. Code	Object Code	Object Description	APPROVED Budget Amount	CURRENT Available Budget	ACCOUNT INCREASE	ACCOUNT DECREASE	REVISED Available Budget
1	10104	52030	PROFESSIONAL FEES	250.00	(15,000.00)	50,000		35,000
2	10104	51110	ADMINISTRATION	196,788.00	178,582.92		(50,000)	128,583
3								0
4								0
5								0
6								0
7								0
8								0
9								0
10								0
								0
								0
					TOTAL	50,000	(50,000)	

Explanation

Because the Assessor position remains unfilled, we are paying a contractor to perform the necessary duties.

Department Head — **Date**

Kim Allen
Director of Finance — 9/9/2021 **Date**

First Selectman — **Date**

Commission/Board Approval — **Date**

revised 9/9/20

FOR 2022 13

ACCOUNTS FOR: 101 GENERAL FUND

	ORIGINAL APPROP	TRANS/ADJSMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	% USED
10104 ASSESSOR							
10104 51110 ADMINISTRATION	196,788.00	0.00	196,788.00	18,205.08	0.00	178,582.92	9.3%
10104 51210 CLERICAL AND TECHNICAL	62,788.00	0.00	62,788.00	5,354.50	0.00	57,433.50	8.5%
10104 51810 OVERTIME	0.00	0.00	0.00	0.00	0.00	0.00	.0%
10104 51910 FRINGE BENEFITS	2,408.00	0.00	2,408.00	0.00	0.00	2,408.00	.0%
10104 51920 F.I.C.A.	20,041.00	0.00	20,041.00	1,759.11	0.00	18,281.89	8.8%
10104 52010 ADVERTISING	400.00	0.00	400.00	0.00	0.00	400.00	.0%
10104 52020 POSTAGE	1,031.00	0.00	1,031.00	25.77	0.00	1,005.23	2.5%
10104 52030 PROFESSIONAL FEES	250.00	0.00	250.00	15,230.00	20.00	-15,000.00	6100.0%*
10104 52040 SERVICE CONT. AND REPAIRS	5,666.00	0.00	5,666.00	474.00	0.00	5,192.00	8.4%
10104 52050 DUES,CONFERENCES & EDUCAT	1,825.00	0.00	1,825.00	0.00	0.00	1,825.00	.0%
10104 52070 REIMBURSABLE EXPENSES	0.00	0.00	0.00	0.00	0.00	0.00	.0%
10104 53020 OTHER SUPPLIES	150.00	0.00	150.00	0.00	0.00	150.00	.0%
10104 53200 PRICING BOOKS	500.00	0.00	500.00	0.00	0.00	500.00	.0%
10104 54060 OFFICE EQUIPMENT	0.00	0.00	0.00	0.00	0.00	0.00	.0%
TOTAL ASSESSOR	291,847.00	0.00	291,847.00	41,048.46	20.00	250,778.54	14.1%
TOTAL GENERAL FUND	291,847.00	0.00	291,847.00	41,048.46	20.00	250,778.54	14.1%
TOTAL EXPENSES	291,847.00	0.00	291,847.00	41,048.46	20.00	250,778.54	

Town of Waterford

Director of Fire Services

204 Boston Post Road

Waterford, CT 06385

September 13, 2021

First Selectman Rob Brule

15 Rope Ferry Road

Waterford, CT 06385

Re: request funds be moved from designated to appropriated

On behalf of the Waterford Fire Services, I would like to request that $181,000 in line 20523-57826 (Hydraulic Equipment) be moved from designated to appropriated.

This project is currently with the Rescue Tool Replacement Committee in the evaluating stage of current hydraulic rescue tools & equipment. We recently had this equipment serviced and many items came out of service do to costly repairs needed. Most of these tools were purchased between 1995 & 2003, have met, and exceeded their life expectancy. With the age and condition, I am recommending the purchase of replacement equipment. Copies of pricing for hydraulic equipment is attached to this request. Pricing for mounting of equipment is additional and hard to get a quote as each apparatus is different. I estimate cost of $10,000 or less to complete removal of old equipment and mounting of new equipment.

Director of Fire Services

Michael J. Howley

CC: Kim Allen, Director of Finance

Quote

MES SHIPMAN'S FIRE EQUIPMENT CO.

172 Cross Rd
Waterford, CT 06385

Date	09/14/2021
Quote #	QT1506703
Expires	10/14/2021
Sales Rep	Fratus, John
PO #	
Shipping Method	FedEx Ground
Shipping Code (2)	

Bill To
Waterford Fire Marshal (CT)
204 Boston Post Road
Waterford CT 06385
United States

Ship To
Waterford Fire Marshal (CT)
204 Boston Post Road
Waterford CT 06385
United States

Item	Alt Item #	Units	Description	Qty	Unit Sales	Amount
159.000.063			Holmatro Pentheon Series Inclined Cutter PCU50	5	9,852.63	49,263.15
151.000.632			Holmatro Pentheon Series Battery Charger DC; PBCH3	5	390.00	1,950.00
151.000.583			Holmatro Pentheon Series PBPA287 Battery Two Batteries Per Tool	10	579.47	5,794.70
HOLMATRO	159.000.181		159.000.181 Custom HOLMATRO Inc. Holmatro Pentheon Series Spreader PSP50	5	11,321.05	56,605.25
151.000.632			Holmatro Pentheon Series Battery Charger DC; PBCH3	5	390.00	1,950.00
151.000.583			Holmatro Pentheon Series PBPA287 Battery Two Batteries Per Tool	10	579.47	5,794.70
159.000.062			Holmatro Pentheon Series Telescopic Ram PTR50	5	8,206.58	41,032.90
151.000.632			Holmatro Pentheon Series Battery Charger DC; PBCH3	5	390.00	1,950.00
151.000.583			Holmatro Pentheon Series PBPA287 Battery Two Batteries Per Tool	10	579.47	5,794.70

TO RECEIVE PRICES QUOTE, WATERFORD FIRE SERVICES MUST PURCHASE QUOTE IN FULL.

Subtotal	170,135.40
Shipping Cost (FedEx Ground)	0.00
Total	$170,135.40

This Quotation is subject to any applicable sales tax and shipping & handling charges that may apply. Tax and shipping charges are considered estimated and will be recalculated at the time of shipment to ensure they take into account the most current local tax information.

All returns must be processed within 30 days of receipt and require a return authorization number and are subject to a restocking fee.

Custom orders are not returnable. Effective tax rate will be applicable at the time of invoice.

QT1506703

holmatro
rescue equipment

January 6, 2021

To Whom It May Concern:

We are pleased to have Shipman's Fire Equipment as the only authorized Holmatro sales and repair facility for Connecticut and Rhode Island. Please direct all requests concerning sales and service to Michael Kirchhoff at Shipman's. The contact information is listed below.

If you have any further questions or concerns please do not hesitate to contact me directly.

Michael Kirchhoff
Shipman's Fire Equipment
172 Cross Road
Waterford CT 06385
800-775-7332

Sincerely,
Mike Toeneboehn

Mike Toeneboehn
Sales Manager

FIFTEEN ROPE FERRY ROAD
WATERFORD, CT 06385-2886

PHONE: 860-442-0553
www.waterfordct.org

RECEIVED FOR RECORD
WATERFORD, CT
2021 SEP -2 PM 3:44
TOWN CLERK

AGENDA
BOARD OF SELECTMEN
Regular Meeting
September 7, 2021
5:00 P.M.
Waterford Town Hall (APPLEBY ROOM)

(Procedural Action: Check register to be signed by Board of Selectmen in accordance with CGS 7-83)

1. Call to Order & Roll Call

2. Pledge of Allegiance

3. Public Comment:

4. Fire Services: To Consider And Act On the request from Director of Fire Services, Michael Howley to request transfer FY20 approved CIP funds in the amount of $45,000 from account #32320-55847 to FY22 approved CIP Capital Improvement Plan account #32322-55847 for Cohanzie station's roof replacement for a total of Funds $105,000. The 34-year-old roof needs to be repaired and replaced.

5. Disposition of Surplus Assets Chevorlet Tahoe Rear Seats and Center Consoles: The Purchasing Agent, Rawle Dummet on behalf of the Police Department, respectfully seeks the Board's approval to dispose of the assets listed below, in accordance with Town Property Ordinance, Chapter 2.112.020, These items are of no use to the town and will be disposed of via auction on the GovDeals website. All items have no asset IDs.

- 5 complete sets of rear seats for 2020/2021 Ford Police Interceptor Utility.
- 3 Center Consoles from a 2020 Chevrolet Tahoe PPV.
- 2 sets of complete rear seats for 2020 Chevrolet PPV.

6. **Disposition of Surplus Assets Library Shelving:** The Purchasing Agent, Rawle Dummet on behalf of the Waterford Public Library, respectfully seeks the Board's approval to dispose of the assets listed below, in accordance with Town Property Ordinance, Chapter 2.112.020, These items are no longer of use to the town and will be disposed of via donation to the New London Public Library.

- Asset number 030009 Adjustable Shelving-acquired 12/1/1986
- Asset number 030010 Adjustable Shelving-acquired 12/1/1986

7. Finance Department Cooperative Purchasing-Panasonic Tough Books CF-33MK2 and accessories: To Consider And Act On a recommendation from Rawle Dummett, Purchasing Agent, on behalf of the Police Department, respectfully seeks the Board of Selectmen approval to award this contract for the supply of the above mentioned items to Telrepco via leasing Company Marlin Capital Solutions, in the amount of $120,702.04 with annual payments of $30,175.51, funds will be available from line Item 10147-52043 Service Contracts Information

8. Planning & Zoning: To Consider And Act On the request from Planning & Zoning Director, Abby Persall to approve the agreement between the State of Connecticut, Department of Emergency Services and Public Protection and Town of Waterford regarding a License to use a telecommunications facility located at 861 Vauxhall Street Extension, Waterford, Connecticut.

9. Appointments and Resignations
9a. To consider and act on the appointment of Joseph C. Buths Jr.(R) to the Harbor Management Commission to fill the term from 2/17/2021 -2/16/2024.

10. Correspondence
10a Harvest Festival Email

11. New Business
12. Consent Agenda:
9a. Tax Refund
9b. Meeting Minutes: August 17, 2021

13. Adjournment