

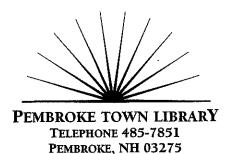
#### TOWN OF PEMBROKE TOWN HALL

311 Pembroke Street Pembroke, New Hampshire 03275 Tel: 603-485-4747 Fax: 603-485-3967

Web: pembroke-nh.com

# Capital Improvement Program (CIP) Committee Agenda August 5, 2021, 6:30 PM Location: Pembroke Town Hall

- 1. Attendance:
- 2. Approval of Minutes July 29, 2021
- 3. Library 2022 CIP Requests
- 4. Energy Committee 2022 CIP Requests
- 5. Other Business
- 6. Adjourn:



June 29, 2021

Town of Pembroke Capital Improvement Program Committee 311 Pembroke Street Pembroke NH, 03275

Cc: David Jodoin, Town Administrator

To members of the Capital Improvement Committee,

On Wednesday May 19, 2021, the Pembroke Town Library Board of Trustees voted (5-0) to submit a CIP request for the following:

Replacement of roof shingles

Roof insulation

Addressing the drainage/ice dams issue around the building

The roof is nearing the end of its lifespan. Shingles are coming off the roof. We'd like to have the roof replaced before water damage to the building and our collections becomes an issue.

Our roof insulation is nearing the end of its lifespan. As has been discussed at previous CIP presentations, snow doesn't last long on the Library's roof due to heat escaping at the roof. The quick melting causes ice dams to form at several corners. In discussing the matter with the Facilities and Grounds Committee June 21, spray foam was mentioned as an option for the Library and Town to pursue.

We look forward to meeting with you August 5 to discuss this request.

Susanne Whitbeck

Library Trustee

Library Trustee (Co-Chair)

Judy Mitchell

Library Trustee (Co-Chair)

Kaitlin Camidge

Library Trustee

Respectfully submitted,

Shelley Fowler

Library Trustee (Treasurer)

Department: Public Works Requested by: VJ Ranfos Date: 7/9/2021

Please check all that apply and fill in as much information as you can.

Year of suggested purchase: 2022 Source of Funding: CIP			
Replacement Upgrade Addition Renovation New			
Description/Purpose: <u>Upgrade and preservation</u>			
Existing Building Description			
Name of Building: Town Clock Year Built: Projected life at date of purchase: Date of last major repair or overhaul: Cost/Description:/_ Repair costs to Date: Annual maintenance cost for the past 3 years:/yr.  Anticipated repairs needed in next 2 years: Cost: Current values: (on books): (market): (trade-in): Source of values listed above:			
Requested Building Description			
Anticipated Price: \$24,140.00 Source of Pricing: D'Avanza Clock Repair & Target New			
England Restoration Anticipated annual maintenance cost: Anticipated Useful Life: Warranty? Yes No If Yes, by whom?:			
Anticipated changes in: Operating Cost: Personnel: Utilities: Insurance Cost: Maintenance:			
Comments: 1). D'Avanza Clock Repair - upgrade clock internals so the clock will stay on time and replace bell striker, electronic motors and controlers.			
2). Target New England - Clean and repaint clock tower and do any structural repairs to the inside and outside of the clock tower.			



# TARGET NEW ENGLAND

# **Historical Restorations**

Town of Pembroke

July 1, 2021

311 Pembroke Street

Pembroke, NH 03275

Attn: David Jodoin, Town Administrator

# **Proposed Five Year Action Plan**

Pembroke Clock Tower

The following is a proposal for the Pembroke Clock Tower's Five-Year Maintenance Schedule. This maintenance schedule will begin 1/2021 and continue to 1/2026.

After a thorough on-site inspection by James Doherty, Owner of Target New England, Historical Restorations, we recommend the following:

Interior:	Proposed Date	Proposed Maintenance	Proposed Yearly Price
	1/2021-1/2022	Thorough cleaning of tower	
		Repaint 1st floor of tower	
		Secure posts/beams	\$8,760.00
		Repair any holes of siding with caulking	
		Reinforce clock platform	
		Reinforce bell tower floor	

**Exterior:** 

Repair asphalt roofing

Repair holes, defects in copper roof system

Repair cracked, blistered paint on clock face

\$6,465.00

Repaint as needed on clock tower

Proposed First Year Total......\$15,225.00





Proposal 2/15/2021

#### Tower Clock Upgrade Town Clock Pembroke, NH

#### Scope of Work

Repair previously electrified E. Howard tower clock. Provide and install MI-1RPM clock motor with 99B-MI Automatic Clock Controller. Provide and install 35lb. bell hammer actuator for hour strike with night silence capability. Controller automatically resets clocks after power failures and for daylight savings time. Precision Quartz Time base 4 minutes per year maximum drift. Optional GPS — no drift. Built in 100 year daylight savings time calendar. Controller is ETL listed to UL 863. Two Year Warranty on equipment.

#### Work to be Performed

- 1- Install new MI drive motor
- 2- Install 99B automatic clock controller
- 3- Install 35lb bell hammer actuator
- 4- install low voltage wire from controller to MI and actuator
- 5- Synchronize clock faces and set to correct time
- 6- Provide operation manual and instruct personnel on use

#### Cost: \$8,915.00

40% Deposit Balance net 15 days upon completion

Price does not include 110V circuit or permits

Pembroke Clock Tower

Interior: Proposed Date

Proposed Maintenance

**Proposed Yearly Price** 

1/22 - 1/23

Thoroughly clean tower

Secure any loose posts/beams

Repair any holes on siding

Check clock platform

\$4,105.00

Check bell tower floor

Secure ladders & safety rails

Check ventilating fan & thermostat

**Exterior:** 

Repair asphalt roofing

Repair any defects on copper roof

Repair cracked, blistering, peeling paint

Remove old bell cribbing

\$18,320.00

Install new mahogany bell cribbing

Proposed Second Year Total.....\$22,425.00

## Pembroke Clock Tower

Interior: Proposed Date

**Proposed Maintenance** 

**Proposed Yearly Price** 

1/2023-1/2024

Thoroughly clean tower

Secure loose posts/beams

Repair any holes on siding

Check clock platform

\$4,105.00

Check bell tower floor

Secure ladders & safety rails

Check ventilating fan & thermostat

Exterior:

Repair asphalt roofing

Repair any defects on copper roof

Repair cracked, blistering, peeling paint

Remove old bell rope wheel

\$12,720.00

Repair or replace bell rope wheel

Proposed Third Year Total.....\$16,825.00

#### Pembroke Clock Tower

Interior: <u>Proposed Date</u> <u>Proposed Maintenance</u> <u>Proposed Yearly Price</u>

1/2025-1/2026 Thoroughly clean tower

Secure loose posts/beams

Repair any holes on siding

Check clock platform \$4,105.00

Check bell tower floor

Secure ladders & safety rails

Check ventilating fan & thermostat

**Exterior:** Repair asphalt roofing

Repair any defects on copper roof \$32,470,00

10 yr repaint clock tower

Proposed Fourth Year Total.....\$36,575.00

#### Pembroke Clock Tower

Interior: Proposed Date

**Proposed Maintenance** 

**Proposed Yearly Price** 

1/2026-1/2027

Thoroughly clean tower

Secure loose posts/beams

Repair any holes on siding

Check clock platform

\$5,105.00

Check bell tower floor

Secure ladders & safety rails

Check ventilating fan & thermostat

Exterior:

Repair asphalt roofing

Repair any defects on copper roof

\$5,000.00

Check paint condition on tower

Proposed Fifth Year Total.....\$10,105.00

# **PEMBROKE POLICE** Memorandum



To:

Pembroke Building Committee

From: Chief Dwayne Gilman

Date:

05.14.2021

CC:

Dave Jodoin

To whom it may concern,

This memo contains a list of building needs and are in the order of importance. Please feel free to ask me questions about any of the items below. This is only for issues on the Police side of the Safety Center.

- 1. Framing and installation of a door separating the interior hallway and the Administration Office. (Quote attached)
- 2. Interior Maintenance: Original paint since 2003/2004
  - a: paint walls
  - b. doors and trim
  - c. Sally port Paint
- 3. Exterior maintenance,:
  - a. chipped brick,
  - b. flaking paint on pipes, (over evidence bay door)
  - c. safety barriers need paint,
  - d. asphalt cracking and chipping
  - e. Roof Leaks Booking and Sally Port
- 4. Second Floor completion of half of the unfinished area located for Office space and or file space. ( quote Attached)
- 5. Ventilation in the Booking room, (Intox) and odor.

#### MIHACHIK BUILDERS, INC. P.O. Box 953 Epsom, NH 03234 603-234-9086

TO:

Pembroke Police Department

Route 3

Pembroke, NH 03275

ESTIMATE June 23, 2021

#### Project 1

- Frame in opening for a 3' solid oak door with a steal frame
- Patch in drywall, 2 coats of paint
- Install door hardware and door stop
- Install vinyl baseboard

Materials & Labor:

\$ 3,450.00

#### Project 2

- Divide the 2<sup>nd</sup> floor storage into 2 rooms by installing a 12' wall in the approx.. middle of the room
- Install a suspended ceiling with sufficient lighting, and insulation
- Install 4 6 outlets, low voltage wire and cable
- Hang drywall on the one side of the wall for the office
- Install sufficient heat
- Paint new divider wall
- Install carpet in the new office

Materials & Labor:

\$11,860.00

RECEIVED

JUN 24 2021

Department: Public Works Requested by: VJ Ranfos Date: 7/13/2021

Please check all that apply and fill in as much information as you can.

Year of suggested purchase: <u>2022</u> Source of Funding: <u>CTP</u>
Replacement Upgrade Addition Renovation New
Description/Purpose: Weatherstrip Garage doors and service doors
Existing Building Description
Name of Building: Public Works Year Built: 1980* Projected life at date of purchase: Date of last major repair or overhaul: Cost/Description:/ Repair costs to Date: Annual maintenance cost for the past 3 years:/yr. Anticipated repairs needed in next 2 years: Cost: Current values: (on books): (market): (trade-in):
Requested Building Description
Anticipated Price: \$5,000.00 Source of Pricing: Contractor Estimate  Anticipated annual maintenance cost: Anticipated Useful Life:  Warranty? Yes No If Yes, by whom?:  Anticipated changes in: Operating Cost: Personnel: Utilities:  Insurance Cost: Maintenance:
Comments: All garage doors need weatherstriping, All garage doors need to be serviced and may need extra parts which will be at an extra cost.
(*Old garage year built 1980, new garage year built 2000.)

Department: Public Works Requested by: VJ Ranfos Date: 7/13/2021

Please check all that apply and fill in as much information as you can.

Year of suggested purchase: 2022 Source of Funding: CIP	
Replacement Upgrade Addition Renovation New	
Description/Purpose: Metal Roof Repairs	
Existing Building Description	
Name of Building: Public Works Year Built: 2000 Projected life at date of purchase: Date of last major repair or overhaul: Cost/Description:/ Repair costs to Date: Annual maintenance cost for the past 3 years:/yr. Anticipated repairs needed in next 2 years: Cost: Current values: (on books): (market): (trade-in): Source of values listed above:	
Requested Building Description	
Anticipated Price: \$5,000.00 Source of Pricing: Contractor Estimate  Anticipated annual maintenance cost: Anticipated Useful Life:  Warranty? Yes No	
Comments: Check all screws for proper seal.	
Remove old dried out sealant and recaulk.	
Apply sealant over seams.	

Department: Public Works Requested by: VJ Ranfos Date: 7/13/2021

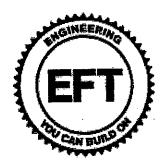
Please check all that apply and fill in as much information as you can.

Year of suggested purchase: 2022 Source of Funding: CIP			
Replacement Upgrade Addition Renovation New			
Description/Purpose: Repair Settling Foundation			
Existing Building Description			
Name of Building: Public Works Year Built: 2000 Projected life at date of purchase: Date of last major repair or overhaul: Cost/Description:/ Repair costs to Date: Annual maintenance cost for the past 3 years:/yr.  Anticipated repairs needed in next 2 years: Cost: Current values: (on books): (market): (trade-in): Source of values listed above:			
Requested Building Description			
Anticipated Price: \$62,250.00 Source of Pricing: Engineered Foundation Technologies  Anticipated annual maintenance cost: Anticipated Useful Life:  Warranty? [ Yes [ No If Yes, by whom?:  Anticipated changes in: Operating Cost: Personnel: Utilities:  Insurance Cost: Maintenance:			
Comments: Repair and secure wall and foundation at the west endd of the Public Works garage.			

# PROPOSAL FOR GEOTECHNICAL CONSTRUCTION SERVICES

for

# SETTLING FOUNDATION REPAIR



Prepared for:

Mr. Jim Boisvert Town of Pembroke 8 Exchange Street Pembroke, NH 03275

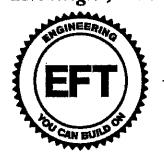
28 June 2013



Urstek New England is a division of Engineered Foundation Technologies

# Engineered Foundation Technologies, LLC

P.O. Box 707
Nashua, New Hampshire 03061
Telephone: 603.598.0089
Fax: 603.598.0091



Design/Build Services
Pressure Grouting
Foundation Underpinning
Helical Anchoring
Earth Support

TO:

Mr. Jim Boisvert Town of Pembroke 8 Exchange Street Pembroke, NH 03275

PROJECT:

Foundation Underpinning and Repair

Pembroke Public Works Garage

DATE:

28 June 2013

Engineered Foundation Technologies, LLC ("EFT") hereby proposes to perform the Work described below on the following terms and conditions:

#### **Project Understanding**

The site consists of a garage building located at 8 Exchange Street in Pembroke, New Hampshire. The existing structure consists of a steel framed building supported by a concrete foundation. Based on our visual review of the structure, it appears the Western side of the foundation has excessively settled. We understand the floor, which contains radiant heating loops, differentially settled and cracked as well.

Utilizing a laser level (late December 2012), we measured the foundation had settled approximately two and a half inches at the "south-western" corner of the building. We revisited the site on 27 June 2013 and observed the foundation has shifted even further, as evidenced by a large gap between the foundation and floor slab.

#### Soil Boring Program

We were provided with four soil borings, B-1 to B-4, as prepared by Geotechnical Services, Inc. dated 03/21/2008. The borings indicate that the foundation is underlain by "unsuitable" soils, allowing it to excessively settle. In general, the poor soils extend down between ten feet and twenty feet below grade. Furthermore, the fill contains a high proportion of debris, such as wood, concrete, and tires as well. The fill is underlain by a competent layer of medium dense to dense Sands. The soil borings were all terminated within these medium dense Sands.

#### Foundation Underpinning

Our primary scope of work will primarily be to underpin the settled portions of the foundation. For this site, we believe that helical piers will be the most cost-effective technology to repair the foundation. In order to install the piles at this site, we will need to "pre-excavate" at each pile location to remove any buried obstructions, such as wood and concrete rubble. In addition, we will have the piles specialty fabricated to better penetrate the fill and dense soils below. Once the piles are installed, we can then utilize an underpinning bracket to connect the foundation to the piles. Using our specialty hydraulic jacking system, these brackets can be lifted in tandem, greatly helping recover lost elevation from the excessive settlement.

Approximately four underpinning piles will need to be installed from the inside portion of the building, adjacent to the steel column "bump-outs". In order to facilitate these installations, selective portions of the interior slab will need to be saw-cut. In this scope of work, we do include the concrete demolition work, but <u>do not</u> include repairing the thermal loops and replacement of the slab.

#### The Slabjacking Process

Slabjacking is a specialty concrete repair technology. It can be used to lift sunken concrete in a short time. This process can be done for almost all concrete slabs, including walkways, interior floor slabs, as well as concrete highways. Slabjacking provides many benefits over a traditional "rip and replace", including less noise and disruption from concrete hammering.

Proposal for Foundation Repair Town of Pembroke Public Works Garage 06/28/13 3 of 4

The slabjacking process commences with drilling small diameter access holes in the concrete; the access holes are strategically placed to maximize lift. Once the holes are drilled, a specialty urethane foam is injected through the small holes. This lightweight and high strength material will effectively lift the concrete within minutes from starting the process.

**Benefits of Urethane Foam** 

For this site, we specifically propose to conduct "urethane foam slabjacking" to repair the concrete. In addition to it's superlight weight and other structural benefits, urethane foam is vastly superior when compared to traditional cement grouts. This process requires extremely small injection holes (5/8" dia.) and less than half as many for traditional slabjacking work. The process is also extremely clean when compared to traditional slabjacking, as cement mixing requires both dust control and an area to washout equipment. Furthermore, polyurethane foam fully hardens within minutes after injection, resulting in minimal downtime/interruption to the building.

#### Price and Payment Schedule

- Preparation of Engineering Documents and Submittal = \$5,000.00
- Installation of 18 helical piers, as described above = \$46,750.00
- Urethane grouting for concrete floor slab = \$10.550.00. We include up to 500 lbs of urethane in this scope.
- Estimated total = \$62,250.00
- Any extra work shall be performed only upon the Owner's written order and shall be charged, unless otherwise agreed, at \$500/hour. Only upon your written authorization.
- Additional Uretek Grout will cost \$20.00 per lb. Only upon your written authorization.
- Full payment is due net 30 days

Schedule of Work

EFT will use its best efforts to complete the work within <u>seven</u> day(s) from mobilizing on site. The Owner understands, however, that adverse weather conditions, unforeseen site conditions and other factors beyond the control of EFT may delay the completion of the Work.

**Duration/Acceptance of Proposal** 

This Proposal shall remain open for thirty (30) days from the above date. This Proposal may be accepted only by the Owner signing it below, in unaltered form, and returning it to EFT. Upon the Owner's signature, this Proposal shall become a contract between the parties on the terms stated herein.

Responsibilities of the Owner

The Owner shall be responsible for furnishing EFT with clear and unrestricted access to the site and an open work area sufficient for EFT to perform the Work, including the preparation of materials and cleaning of equipment. The Owner shall also be responsible for providing a continuous water supply and electricity for use by EFT during the course of the Work. The Owner will be responsible for locating and maintaining any utilities within the Work area. The Owner shall also be responsible for relocating any utilities impacted by the Work, if necessary.

Spoil Control/Environmental Conditions

We have not provided for any measures to control or handle spoils on this project. We will not have any responsibility for working around contaminated materials and/or handling these materials. This proposal excludes working in hazardous conditions, which imposes an OSHA work level other than Level D. This proposal also excludes the cost of any personal protective equipment, such as tyvek suits, respirators, etc.

Landscaping/Site Restoration

EFT shall not be responsible for restoration of landscaped areas, including paved walkways, grass, shrubbery, plants, grading, and other items relating to the Owner's premises. Any excavations made by EFT shall be back-filled and "rough grading"

Propòsal for Foundation Repair Town of Pembroke Public Works Garage 06/28/13 4 of 4

will be provided.

#### **Unforeseen Conditions**

If, during the course of the Work, EFT encounters site conditions that differ from those that it reasonably anticipated that were reflected in the project plans and specifications or that were not apparent from a reasonable inspection of the site, EFT shall notify the Owner of such conditions and their impact, if any, on EFT's price for performing the Work and the time for completion of the Work. EFT will perform any extra work necessitated by such unforeseen conditions only upon the Owner's written order and agreement as to the added cost and time associated with such work.

#### Late Payment

In the event that the Owner fails to make any payment in accordance with the above schedule, the Owner shall be liable for late charges equal to 5% per month on all overdue payments. In the event that EFT finds it necessary to take legal action to enforce the terms of this contract, EFT shall be entitled to recover its legal expenses, including reasonable attorney's fees, from the Owner.

#### Insurance

During the course of the Work, EFT shall maintain commercial general liability insurance with reasonable coverages and limits, as well as workers compensation insurance for its employees as required by law. EFT shall have no obligation to provide or maintain any other insurance coverage in connection with the Work, and the Owner shall be responsible for such insurance as it deems necessary and appropriate, including but not limited to premises liability, comprehensive property, or builder's risk insurance coverage.

#### **Mutual Indemnification**

EFT and the Owner shall hold harmless, defend and indemnify one another, their owners, managers, agents and employees, against all claims, liabilities, losses or expenses, including reasonable attorney's fees and defense costs, caused by or arising out of the other's negligence, provided that any such claim, liability, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself). Under no circumstances shall either party be obligated to defend or indemnify the other party for claims, liabilities, losses or expenses caused by or arising out of such other party's own negligence.

Respectfully submitted by,

Engineered Foundation Technologies, LLC		Town of Pembroke	
Richard T. Porter, P.E. General Member	Accepted by:	Signature	_
		Printed Name	_
	Date:	·	_

Department: Public Works Requested by: VI Ranfos Date: 7/9/2021

Please check all that apply and fill in as much information as you can.

Year of suggested purchase: 2022 Source of Funding: CIP
Replacement Upgrade Addition Renovation New
Description/Purpose: <u>Hanging modine heaters in old garage</u>
Existing Building Description
Name of Building: Public Works Year Built: Projected life at date of purchase: Date of last major repair or overhaul: Cost/Description:/_  Repair costs to Date: Annual maintenance cost for the past 3 years:/yr.  Anticipated repairs needed in next 2 years: Cost:  Current values: (on books): (market): (trade-in):  Source of values listed above:
Requested Building Description
Anticipated Price: \$5,718.00 Source of Pricing: G&O HVAC  Anticipated annual maintenance cost: Anticipated Useful Life: 20  Warranty? Yes No If Yes, by whom?: Modine - G&O HVAC  Anticipated changes in: Operating Cost: Personnel: Utilities:  Insurance Cost: Maintenance:
Comments: Repalce two non-working gas heaters in old garage with two new high efficiency 200,000 BTU Modine gas hanging heaters



# HEATING AND AIR CONDITONING

G&O The Right Way To Go!!!!

5 Main St. Hooksett NH 03106 [P]603-485-5942 [F]603-485-7780 GODOUGJR@GANDOHVAC.COM

# **Proposal**

Customer: Town of Pembroke town garage

Address: 8 Exchange St., Pembroke, NH 03275

Date of Quote: 6-24-2021

**G&O Heating and Air Conditioning** is pleased to present this proposal to replace 2 200,000 BTU hanging heaters.

#### This scope of work includes the required materials and labor:

- Removal and disposal of the existing heaters
- Hang new Modine PDP200AN hanging natural gas heaters
- Connect electrical for high voltage
- Connect electrical for low voltage
- Connect and modify near by gas piping to fit new heaters
- Connect to existing B-vent
- Start up and commission

#### Investment \$2,859.00 per unit for a total of \$5,718.00

\*\*\* Due to manufacturing shortages and consistent price increases we can only guarantee this quote for 5 days, after that this proposal is subject to price increases \*\*\*

#### Terms & Conditions:

- Payment Terms: Fifty percent of the total Proposal price will be due when contract is signed. The remaining balance will be due
  upon completion of the project.
- G&O Heating and Air Conditioning retains title to the materials and equipment until contract is paid in full.
- Equipment warranty as written by manufacture.

- G&O Heating and Air Conditioning offers a 5-year warranty on equipment, materials and labor in the residential application. (1 year on commercial applications)
- All equipment warranties by manufacture and G&O Heating and Air Conditioning are void if customer does not perform
  scheduled maintenance recommended by manufacture. G&O Heating and Air Conditioning will offer a maintenance program to
  all customers at close of contract. If maintenance is performed by other, customer must show written verification(s) of maintenance
  preformed to manufacture spec and date of maintenance, or warranty will be void.
- Also, not covered under warranty are unusual weather conditions, including, but not limited to, ice, snow, high winds, building
  structural or error caused by other that may inflict damage to the HVAC/R equipment, ductwork and materials installed by G&O
  Heating and Air Conditioning. Construction dust that may cause failure to HVAC/R systems.
- This proposal is valid for up to 30 days and does not constitute a contract until signed by both parties.
- If it is determined any of the structure contains any hazardous materials such as but not limited to asbestos; additional removal and disposal costs will be incurred.
- G&O Heating and Air Conditioning is not responsible for electrical/power wiring of equipment, unless agreed upon prior to project start in writing.
- Upon execution of this contract, Customer agrees to compensate G&O Heating and Air Conditioning for industry-wide material or equipment price increases that may be imposed after the execution of this contract and concurrent with G&O Heating and Air Conditioning
- All extras are described as any material or equipment above and beyond the scope of work provided by the customer or designed
  by G&O Heating and Air Conditioning and agreed upon by the G&O Heating and Air Conditioning. Extra's also can be described
  as any change to this existing contract.
- All extras are to be paid immediately after the extra is completed.

Customer Approval:		
Signature:	Date:	
Print Name:	Title:	
G&O Heating and Air Conditioning:		
Signature:	Date:	
Print Name:	Title:	

	•			
				: