



# Meeting Agenda

**The Provincetown Board of Selectmen will hold a public meeting on Friday, March 04, 2016, at 10:30am in Judge Welsh Room, Town Hall, 260 Commercial Street, Provincetown, MA 02657.**

1. Vote to Insert Articles in the April 4, 2016, Annual & Special Town Meeting Warrant.
2. Approve Contracts with Pearson Pilings to Acquire Composite Fender Piles for MacMillan Pier Replacement, as funded by FY2015 Annual Town Meeting Article 18-13. Pier Maintenance Requests, in the amount of \$335,000. Votes may be taken.
3. Other – Other matters that may legally come before the board not known at the time of posting. Votes may be taken.
4. Approve April 4, 2016, Annual and Special Town Meeting Warrant for Publication. Votes may be taken.

Posted: [www.provincetown-ma.gov](http://www.provincetown-ma.gov) 3/1/16 12:25 pm dj



Provincetown Board of Selectmen  
**AGENDA ACTION REQUEST**  
Friday, March 04, 2016

1

---

**ANNUAL AND SPECIAL TOWN MEETING WARRANT ARTICLES**

**Insert Articles into the Warrants**

Requested by: Town Manager David Panagore

Action Sought: Discussion/Approval

**Proposed Motion(s)**

**MOVE that the Board of Selectmen vote to insert Articles #\_\_\_, #\_\_\_, and #\_\_\_, for the April 4, 2016, Annual and Special Town Meeting as presented by the Town Manager into the April 4, 2016, Annual & Special Town Meeting Warrants forthwith.**

**Additional Information**

The Warrants close today Friday, March 4, 2016, at 11 A.M. Draft Warrants are forthcoming.

**Board Action**

<i>Motion</i>	<i>Second</i>	<i>Yea</i>	<i>Nay</i>	<i>Abstain</i>	<i>Disposition</i>



Provincetown Board of Selectmen  
**AGENDA ACTION REQUEST**  
Friday, March 04, 2016

2

---

## TOWN MEETING ARTICLE

### Approve Contract(s) with Pearson Pilings

Requested by: Town Manager David Panagore

Action Sought: Approval

#### Proposed Motion(s)

**Move that the Board of Selectmen vote to approve the contract(s) with Pearson Pilings to acquire composite fender pilings for MacMillan Pier replacement, as funded by FY2015 Annual Town Meeting Article 18-13 Pier Maintenance Requests, in the amount of \$ 335,000.00, [as submitted] [as revised].**

#### Additional Information

See attached contract(s).

#### Board Action

<i>Motion</i>	<i>Second</i>	<i>Yea</i>	<i>Nay</i>	<i>Abstain</i>	<i>Disposition</i>

---



# PROVINCETOWN PUBLIC PIER CORPORATION

---

## OFFICE OF THE HARBORMASTER

March 4, 2016

Provincetown Board of Selectmen  
260 Commercial Street  
Provincetown, MA 02657

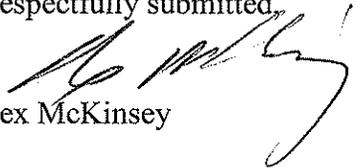
Chairman Donegan,

Enclosed please find procurement materials for composite fender piles. As you may recall, 2015 Annual Town Meeting Article 18-13 for \$335,000 was approved to address storm damaged fender piles. In conjunction with Department of Public Works, we completed the bid process for the needed materials. We have a placeholder on your agenda for March 28 to consider the installation bid for the project currently being advertised. By splitting the bids we expect to save 15% on materials costs.

We request your approval for the Town Manager to execute a contract with Pearson Pilings of Somerset, Ma for \$188,510 to deliver 82 forty-five foot long 12-inch diameter heavy duty piles (12" HD). DPW has reviewed the bid and the price has come in as expected. Technical data for the product is included in this packet. The current balance ATM article 18-13 is \$313,770. After the materials expenditure, the balance will be \$125,510 to fund installation costs of 62 piles restoring the 390 foot outside section of the Tee.

This project will be completed by Memorial Day weekend. The remaining 20 piles will be installed by Harbormaster staff at commercial fishing berths over the summer. The installed product has a 10-year warranty and an expected useful life of 30 years.

Respectfully submitted,

  
Rex McKinsey

Town of Provincetown  
 MacMillan Pier - Supply Composite Fender Piles  
 Invitation for Bids dated February 10, 2016

Duly authorized representatives to execute this Agreement:

On Behalf of OWNER:

_____	David B. Panagore	Town Manager	_____
(Signature)	(Print name)	(Title)	(Date)

Certification of Appropriation under MGL c. 44 § 31 C.

Adequate funding in the amount sufficient to cover the total cost of this contract/change order is available.

Additional Signatures, if required:

_____	Dan Hoot	Finance Director	_____
(Signature)	(Print name)	(Title)	(Date)

_____	Thomas N. Donegan	Town Selectman-Chair	_____
(Signature)	(Print name)	(Title)	(Date)

_____	Erik P. Yingling	Town Selectman-Vice Chair	_____
(Signature)	(Print name)	(Title)	(Date)

_____	Robert Anthony	Town Selectman	_____
(Signature)	(Print name)	(Title)	(Date)

_____	Raphael Richter	Town Selectman	_____
(Signature)	(Print name)	(Title)	(Date)

_____	Cheryl Andrews	Town Selectman	_____
(Signature)	(Print name)	(Title)	(Date)



SUBMIT COMPLETED FORM TO THE TOWN MANAGER'S OFFICE

**Town of Provincetown**

260 Commercial Street – Provincetown, Massachusetts, 02657

**PROCUREMENT**

PART I: Name, Address, Telephone of Desired Vendor		PART II: Town Department, Address, Telephone	
<i>Name:</i>	Pearson Pilings	<i>Department:</i>	DPW
<i>Contact:</i>	Mark Pearson	<i>Contact:</i>	Richard J. Waldo, P.E., Director
<i>Address:</i>	177 Riverside Ave Somerset, MA 02725	<i>Address:</i>	2 Mayflower Street Provincetown, Ma. 02657
<i>Telephone:</i>	(508) 675-0594	<i>Telephone:</i>	508-487-7060
<i>Fax:</i>		<i>Deliver to:</i>	
<i>Email:</i>		<i>BUDGET CODE:</i>	(see below)

PART III – Description of Supplies and/or Services to be procured:

Quantity	Description	Cost
1	Base bid for supply and delivery of sixty-two (62) composite piles, each 45 feet long	\$142,710
1	Additive Alternate Item: Supply and delivery of 20 composite piles, each 45 feet long (additional to base bid) This item is dependent on the final cost of installation services currently out to bid.  Funding for this project provided by 2015 Annual Town Meeting Article 18-13 to address storm damage January/February 2015.	\$45,800
	<i>TOTAL COST</i>	\$188,510
	Funding is from	

PART IV – ALTERNATIVE VENDORS

*Names, Addresses, Telephone Numbers of Vendors Contracted* *Total Cost*

This was the only bid received from our Invitation to Bid dated February 10, 2016

PART V – DEPARTMENT HEAD/BUDGET MANAGER SIGNATURE  
I hereby request approval of the procurement outlined above.

PART VI – CHIEF PROCUREMENT OFFICER APPROVAL  
I hereby approve this procurement.

\_\_\_\_\_  
*Signature of Department Head/Budget Manager* *Date*  
 Richard J. Waldo, Director

\_\_\_\_\_  
*Signature of Town Manager/Chief Procurement Office* *Date*  
 David B. Panagore, Town Manager

SECTION 00300

FORM OF GENERAL BID

Bid of Peason Piling (hereinafter called "Bidder")\*

a corporation, organized and existing under the laws of the state of MA

a partnership

a joint venture

an individual  
doing business as \_\_\_\_\_

To the City/Town of Somerset, Massachusetts (hereinafter called "Owner").

Gentlemen:

A) The undersigned Bidder, in compliance with your invitation for bids for the project known as **Macmillan Pier – Supply Composite Fender Piles** having examined the specifications and related documents and the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all labor, materials, and supplies, and to construct the project in accordance with the contract documents and the plans and specifications within the time set forth below, and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the contract documents, of which this bid is a part.

The Bidder hereby agrees to commence work on or before the date to be specified in written "Notice to Proceed" of the Owner, and to fully complete the project before

May 6, 2016 \*\* unless otherwise stated in writing by the Town of Provincetown. The Bidder further agrees to pay as liquidated damages the sum of two-hundred (\$ 200) Dollars for each consecutive calendar day thereafter that the work is not complete as provided in the contract.

\*Specify corporation, partnership or individual as applicable.

\*\* Bidder shall insert date not later than May 6, 2016

B) Bidder acknowledges receipt of and this bid includes the following addenda:

No. 1 Dated: February 10, 2016

No. \_\_\_\_\_ Dated: \_\_\_\_\_

No. \_\_\_\_\_ Dated: \_\_\_\_\_

No. \_\_\_\_\_ Dated: \_\_\_\_\_

C) The Bidder agrees to perform the work described in the specifications for the following contract prices:

**BASE BID**

Brief Description of Item	Est. Quant.	Unit	Rate	Total Amount in words	Total Amount in figures
Supply and Delivery of sixty two (62) Composite Piles, each 45 feet long	1	LS		one hundred forty two thousand seven hundred and ten dollars and zero cents	\$ 142,710.00
<b>TOTAL BID BASE PRICE:</b>					\$ 142,710.00

**TOTAL BASE BID PRICE WRITTEN IN WORDS:**

One hundred forty two thousand seven hundred and ten DOLLARS  
zero CENTS

**ADDITIVE ALTERNATE ITEMS**

1. ALTERNATIVE ITEM(S) BID

The Bidder agrees to perform the Work described in the Contract Documents for the following prices should the Owner choose to include this work within the Contract:

2. ALTERNATIVE ITEM BID SCHEDULE

Brief Description of Item	Est. Quant.	Unit	Rate	Total Amount in words	Total Amount in figures
Supply and Delivery of Composite Piles, each 45 feet long (Additional to Base Bid)	20	EA		forty five thousand eight hundred and zero cents	\$ 45,800.00
<b>TOTAL ALTERNATIVE ITEM BID PRICE:</b>					\$ 45,800.00

**TOTAL ALTERNATIVE ITEM BID PRICE WRITTEN IN WORDS:**

Forty five thousand eight hundred DOLLARS  
00 CENTS

Pay Item 02355-1 Supply and Delivery of Composite Piles – Base Bid

Payment for Supply and Delivery of Composite Piles Base Bid shall be by the unit price LUMP SUM and shall include all work and materials to furnish, deliver, unload and store a total of sixty two (62) Composite Piles, each 45 feet in length. Payment under this item shall be made in a minimum of two installments, 50% when all submittals are approved and returned to the contractor, 50% upon the delivery of composite piles, and storage of all composite piles. Payments upon delivery will be prorated based on quantity delivered. This price and payment shall constitute full compensation for all materials, equipment, labor, supervision and incidental or appurtenant work, including all submittals, testing, inspection, fabrication, coordination, trucking, delivery, unloading, handling, and timber blocking as required for proper storage and any incidentals necessary to complete the work in accordance with these Specifications.

Pay Item 02355-2 Supply and Delivery of Composite Piles – Add Alternate

Payment for Supply and Delivery of Composite Piles Add Alternate shall be by the unit price EACH and shall include all work and materials to furnish, deliver, unload and store up to 20 additional Composite Piles. All percentages of payment in the following sentence reference the percent of the total amount of this Add Alternate Pay Item. Payment under this item shall be made in a minimum of two installments, 50% when all submittals are approved and returned to the contractor, 50% upon the delivery of composite piles, and storage of all composite piles. Payments upon delivery will be prorated based on quantity delivered. This price and payment shall constitute full compensation for all materials, equipment, labor, supervision and incidental or appurtenant work, including all submittals, testing, inspection, fabrication, coordination, trucking, delivery, unloading, handling, and timber blocking as required for proper storage and any incidentals necessary to complete the work in accordance with these Specifications .



## Engineering Data - Pearson Fiberglass Pilings

Materials Properties	Piling Diameter						
	8"	10"	12"	12" HD	14"	16"	16"
Reinforcement (grams/square meter)	2269	6072	7997	7997	8329	10084	10084
A quasi-isotropic three dimensional proprietary fabric utilizing e-glass grade filaments Exceptional damage tolerance with no crack propagation							
Outer Layer (area sq ft / lineal ft)	2.09	2.62	3.10	3.10	3.67	4.19	4.19
Coating system is a dual component, 100% reactive, toughened acrylic, paint system. The acrylic technology provides for excellent color stability and fade resistance in high UV environments.							
Resin Matrix	An epoxy / vinyl ester, with high elongation, low styrene monomer, excellent hydrolytic stability and high heat deflection temperature, will not leach, inert, high chemical resistance, insoluble in any common hydrocarbons, mild acidic or alkaline solutions						
Mechanical Properties	Piling Diameter						
	8"	10"	12"	12" HD	14"	16"	16"
*Minimum Values*							
Axial Tensile Strength - psi	50,122	50,490	68,000	68,000	66,890	64,300	64,300
Axial Tensile Modulus - (MOE) - psi	4,547,780	3,530,000	4,030,000	4,030,000	4,100,000	3,960,000	3,960,000
Axial Flexural Strength - psi	58,400	79,650	89,400	89,400	91,450	89,600	89,600
Axial Compressive Strength - psi	43,320	67,000	76,800	76,800	77,460	74,800	74,800
Transverse Tensile Strength - psi	11,733	29,000	27,600	27,600	28,700	28,400	28,400
Transverse Tensile Modulus - psi	2,433,870	1,760,000	1,774,000	1,774,000	1,760,000	1,770,000	1,770,000
Interlaminar Shear Strength - psi	13,000	12,000	12,000	12,000	12,000	12,000	12,000
Effective Bending Stiffness - psi	1.19E+08	3.21E+08	9.33E+08	1.21E+09	1.53E+09	2.51E+09	2.51E+09
Young's Modulus	4,547,780	3,530,000	4,030,000	4,030,000	4,100,000	3,960,000	3,960,000
Poisson's Ratio	0.22	0.25	0.23	0.23	0.24	0.24	0.24
Allowable Bending Moment - kips-ft (FS = 2)	16	39	56	187	139	202	202
Allowable Axial Load - kips short column			280				
Barcol Hardness	>50	>50	>50	>50	>50	>50	>50
Glass to Resin Ratio - by weight	~60:40	~60:40	~60:40	~60:40	~60:40	~60:40	~60:40
Approx. Wall Thickness - inches	~.117	~0.250	~0.375	~0.375	~0.500	~0.500	~0.500
Approx. Weight - lbs/ft	4	7	10	10	13	20	20
Thermal Expansion - in/in/°F	<.000014	<.000012	<.000006	<.000006	<.000006	<.000006	<.000006
Water Absorption - %	<.25	<.25	<.25	<.25	<.25	<.25	<.25

\*Pearson Pilings does have the ability to customize laminates to meet the needs of your project should requirements exceed our standard piling specifications\*

For more information contact:  
 Pearson Pilings  
 177 Riverside Ave.  
 Somerset, MA 02725  
 508-675-0594  
[www.pearsonpilings.com](http://www.pearsonpilings.com)



## **Materials Specification – Composite Piles**

### **Description:**

This document describes the materials and properties of glass fiber reinforced thermosetting plastic piles.

### **General Requirements:**

The composite piles shall be hollow cylindrical piles fabricated using a high vacuum infusion molding process. The tolerance of the outside diameter shall be equal to or less than 1/4". The exterior surface shall be hydrolytically stable, ultraviolet light resistant, 100% reactive toughened acrylic paint system, DURAPLEX TAC 456F Coating.

### **Materials:**

Glass fibers shall be e-glass (electrical grade) with filament diameters between 18 and 26 microns. The glass fabric shall have a minimum dry weight of 123 oz. per square yard per ply. All layers in each ply shall be needled together with through-the-thickness glass fibers (z-axis) thus comprising a three-dimensional fiber architecture. Each ply shall consist of a minimum 50% axial glass fiber.

The matrix shall be a bisphenol-A type epoxy precursor thermosetting resin.

The exterior surface shall be DURAPLEX TAC 456F Coating which is a dual component, 100% reactive, toughened acrylic paint system for prepared and unprepared surfaces. DURAPLEX TAC 456F is designed for superb long term performance and protection in heavy weather environments.



Provincetown Board of Selectmen  
**AGENDA ACTION REQUEST**  
Friday, March 04, 2016

3

## OTHER

Requested by: Town Manager David Panagore

Action Sought: Discussion

Proposed Motion(s)

**Discussion Dependent – votes may be taken.**

Additional Information

Board Action

<i>Motion</i>	<i>Second</i>	<i>Yea</i>	<i>Nay</i>	<i>Abstain</i>	<i>Disposition</i>



Provincetown Board of Selectmen  
**AGENDA ACTION REQUEST**  
Friday, March 04, 2016

4

---

## TOWN MEETING WARRANTS

Approve April 4, 2016, Annual & Special Town Meeting Warrants for Publication

Requested by: Town Manager David Panagore

Action Sought: Approval

### Proposed Motion(s)

**Move that the Board of Selectmen vote to approve the warrants for the April 4, 2016, Annual and Special Town Meetings for posting and publication, as presented.**

### Additional Information

Draft Warrants are forthcoming.

### Board Action

<i>Motion</i>	<i>Second</i>	<i>Yea</i>	<i>Nay</i>	<i>Abstain</i>	<i>Disposition</i>

---