



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Administration
DIVISION OF PURCHASES
One Capitol Hill
Providence, RI 02908-5855

Tel: (401) 574-8100
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Website: www.purchasing.ri.gov

March 6, 2015

ADDENDUM NUMBER TWO

RFQ # 7549344

**TITLE: Freshwater Access Site Improvements, Beach Pond, Exeter, RI,
DEM**

Closing Date and Time: 3/26/15 at 2:00 PM

Per the issuance of this ADDENDUM #2 (15) pages, including this cover sheet)



Specification Change /Addition / Clarifications

**Attached is a list of questions along with the responses we received
regarding this Invitation to Bid.**

There is also a Revised Bid Form for your use.

And the sign-in sheet from the conference is also attached.

NOTICE OF ADDENDUM NUMBER TWO (2)

TO

State of Rhode Island
DEM-Planning and Development Contract No. 11-14
Solicitation Number 7549344
Freshwater Access Site Improvements, Beach Pond
Exeter, Rhode Island

DATE of ADDENDUM: March 6, 2015

The contract documents are hereby modified to include this document as if fully attached thereto.

ITEM A) Section 10521 – Dry Hydrant

INSERT to contract documents attached specification Section 10521 – Dry Hydrant including attached plans labeled SK-1 & SK-2 provided for the construction of a dry hydrant adjacent to the proposed boat ramp to be considered as Alternate #1.

ITEM B) Boat Ramp Details

DELETE detail "3/S1 – Run-Off Slab Detail" from the contract drawings sheet S1.

REPLACE with detail "1/SK-3 – Run-Off Protection Detail" found on the attached plan labeled SK-3. This detail replaces the cast-in-place run-off slab with precast blocks. The precast blocks shall extend the entire width of the boat ramp.

INSERT detail "2/SK-3 – Boat Ramp Cross Section" found on the attached plan labeled SK-3. This detail is provided to further illustrate the intended boat ramp construction while also including provisions for a single-faced precast median barrier (RI Standard 40.2.0) to be installed along the sides of the precast boat ramp slabs, the addition of Mirafi HP570 woven reinforcement fabric as part of the boat ramp foundation, and further information relating to the riprap slope protection.

ITEM C) Invitation to Bid page 2 of 4

DELETE "Completion Time: 150 days"

REPLACE with "Completion Time: 100 Working Days"

ITEM C) Bid Proposal Form

DELETE AND REPLACE previously issued bid proposal form with the version attached hereto.

Response to Questions:

Q1) Regarding the weighted silt curtain that will be deployed in the pond. How deep is the pond in that area? Should the curtain be permeable or impermeable?

The depth of the pond in the vicinity of the boat ramp can be conservatively calculated based on the estimated high water elevation of 297. The bottom of the pond past the end of the boat ramp was not surveyed. The silt curtain shall conform with the 2014 RISESC Handbook (attached).

Q2) After reviewing the plans and specifications for this project, I have a question regarding the gravel parking area and walking paths. According to the Americans with Disabilities Act of 1990 the gravel area would have to be compliant with the Act. I have attached information here as to how to bring these surfaces in to compliance.

The attached Geosystems, Geoweb filled with aggregate has been reviewed and deemed not necessary to ensure ADA access to the ramp and parking area. The parking area and walking paths shall be as indicated in the plans and specifications.

***** END OF ADDENDUM NUMBER 2 *****

SECTION 10521 – DRY HYDRANT

PART 1 - GENERAL:

1.1 DESCRIPTION:

- A. Work included: Provide a dry hydrant assembly as indicated in the attached sketch SK-1 & SK-2, as specified herein, and as needed for complete and proper installation.
- B. Related work:
 - 1. Documents affecting work of this Section include, but are not necessarily limited to, General Conditions, Supplementary Conditions, and Sections in Division 1 of these Specifications.

1.2 QUALITY ASSURANCE:

- A. Use adequate numbers of skilled workers who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for proper performance of the work of this Section.

1.3 SUBMITTALS:

- A. Comply with pertinent provisions of Section 01340.
- B. Contractor shall submit manufacturer's product data and installation instructions for each necessary component of the dry hydrant system, including the strainer, end fitting (fire department connection), and HDPE to PVC adaptors.

1.4 GENERAL REQUIREMENTS:

- A. **Dry Hydrant Placement:** The dry hydrant fitting at the road shall be situated 18 to 24 inches above finish grade, and a minimum of 8 feet away from the boat ramp maneuvering area. A minimum distance of 2 feet shall separate the bottom of the intake strainer and the bottom of the pond.
- B. Piping, elbows, couplings, and underwater strainer shall be schedule 40 or heavier PVC and shall be joined with appropriate PVC-type cement according to manufacturer's specifications so as to ensure all joints are airtight.
- C. All piping shall have a minimum inside diameter (I.D.) of six (6) inches.
- D. The intake strainer shall be properly sized to allow for adequate pumping capacity, and shall be anchored and supported to remain a minimum of 2 feet from the pond bottom.
- E. The horizontal pipe shall be buried and placed nearly level at a minimum depth of four and a half (4-1/2) feet below finished grade. It shall penetrate the static water source no less than 10 feet including the strainer.

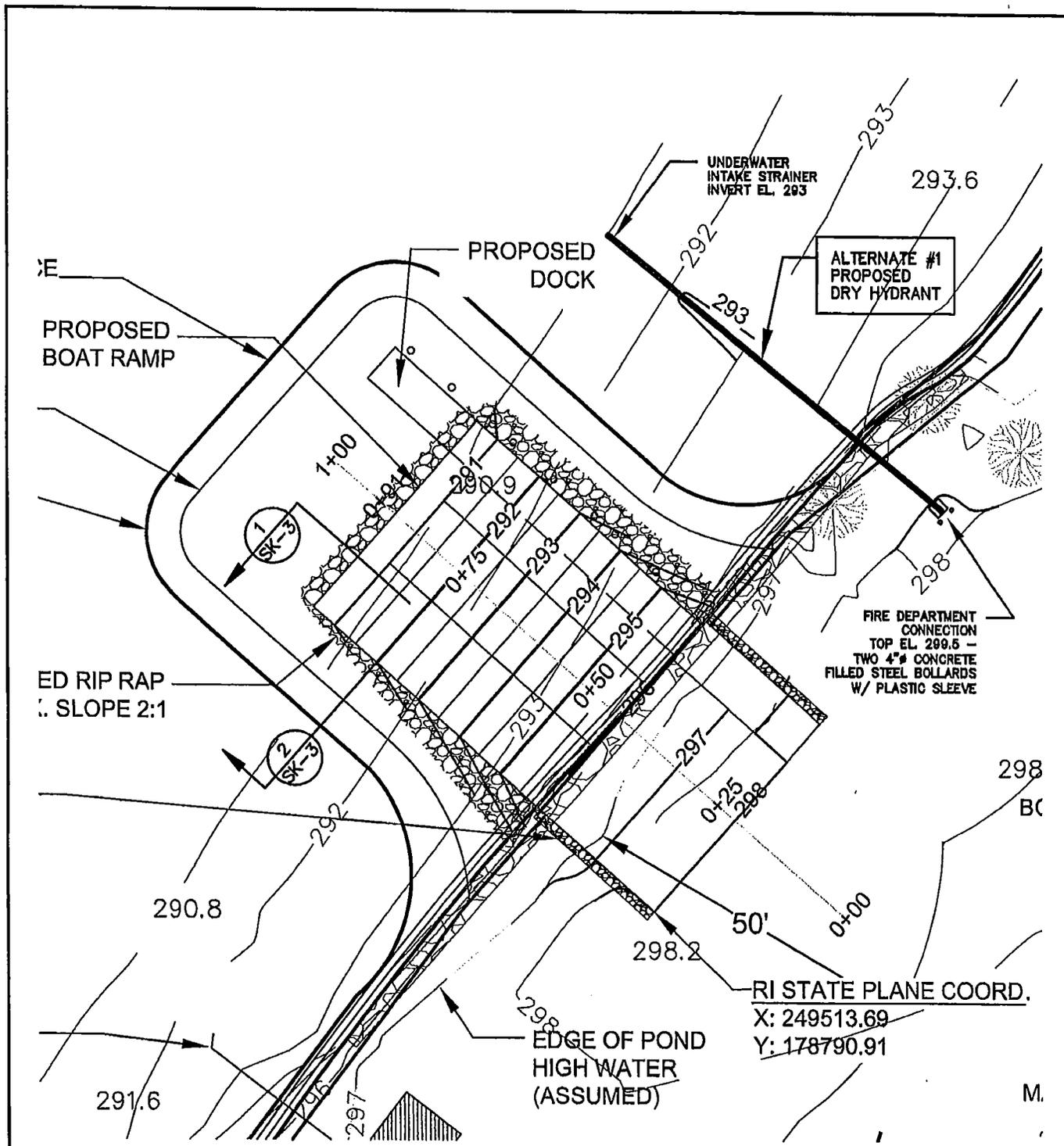
- F. The riser pipe shall rise at an angle of ninety (90) degrees from the horizontal suction line. The riser shall terminate with a six (6) inch PVC ninety (90) degree elbow, fire department connection, and cap. Due to a lack of available frost protection, the riser shall be constructed from 6" HDPE pipe appropriately joined to the PVC fittings.
- G. All exposed PVC surfaces shall be primed and painted white.
- H. Static lift should be kept as low as possible and shall not exceed fifteen (15) feet (measured from the centerline of the pumper intake, assumed to be three (3) feet above finish grade, to the top of the underwater intake strainer).
- I. Upon complete installation, smooth over all disturbed areas and plant grass seed or other vegetation to retard erosion.

PART 2 – PRODUCTS

2.1 MATERIALS:

- A. Underwater Strainer:
 - a. Provide 6" horizontal PVC strainer w/ back flushing cover such as that manufactured by Kocheck Co. Inc. – Specialty Fire Equipment, 75 Highland Drive, Putnam, CT 06260; Phone: 1-800-420-4673; www.kocheck.com . Or approved equal.
- B. Fire Department Connection:
 - a. Provide 6" PVC female dry hydrant adapter w/ plug and ninety (90) degree elbow such as that manufactured by Kocheck Co. Inc. – Specialty Fire Equipment, 75 Highland Drive, Putnam, CT 06260; Phone: 1-800-420-4673; www.kocheck.com . Or approved equal.

*****END OF SECTION*****



RI DEM DIVISION
OF PLANNING &
DEVELOPMENT
235 PROMENADE
ST. PROVIDENCE,
RI 401-222-2776

ADDENDUM #2
FRESHWATER ACCESS
SITE IMPROVEMENTS
BEACH POND, EXETER
P&D 11-14

DRAWN BY: AFA

SCALE: 1"=20'

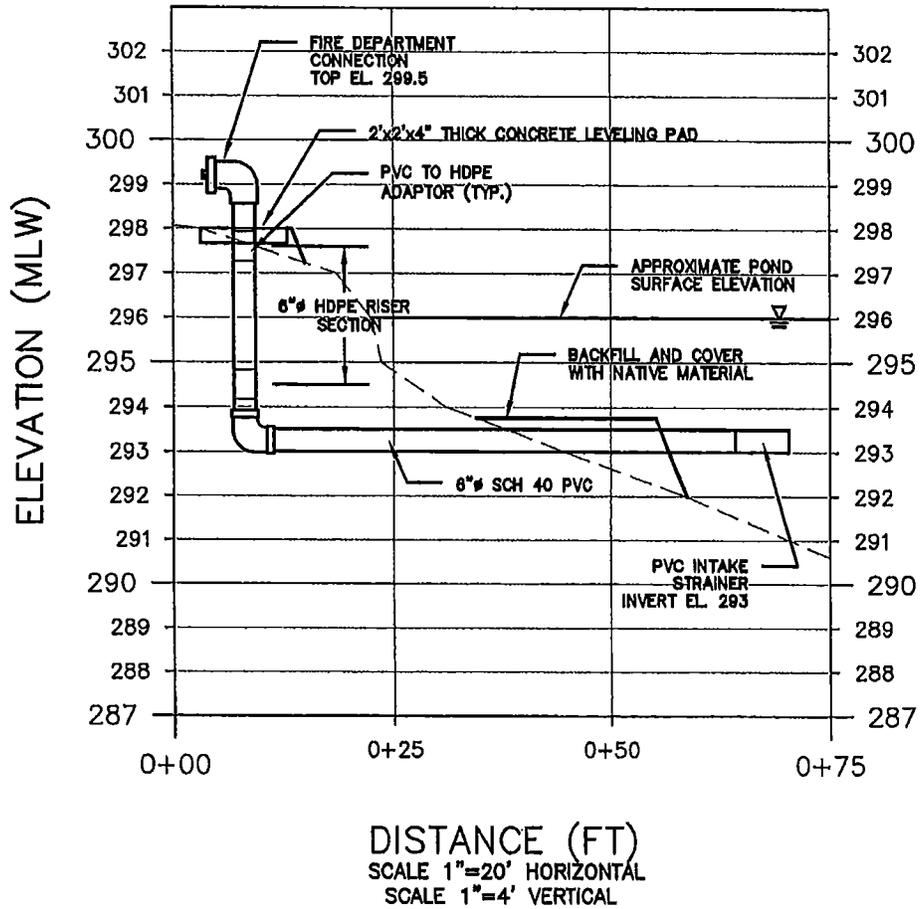
DATE: MARCH, 2015

SK-1

SHEET 1 OF 3

DRY HYDRANT LOCATION PLAN

ALTERNATE #1 - DRY HYDRANT
PROFILE



NOTE: PIPE COMPONENTS ENLARGED FOR CLARITY



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ADDENDUM #2
FRESHWATER ACCESS
SITE IMPROVEMENTS
BEACH POND, EXETER
P&D 11-14

DRAWN BY: AFA

SCALE: AS NOTED

DATE: MARCH, 2015

DRY HYDRANT PROFILE

SK-2

SHEET 2 OF 3

Turbidity Curtains



(Photo Credit: MACC)

Definition

- A flexible, impenetrable barrier (or "curtain") that is weighted at the bottom to achieve closure while supported at the top through a flotation system.

Purpose

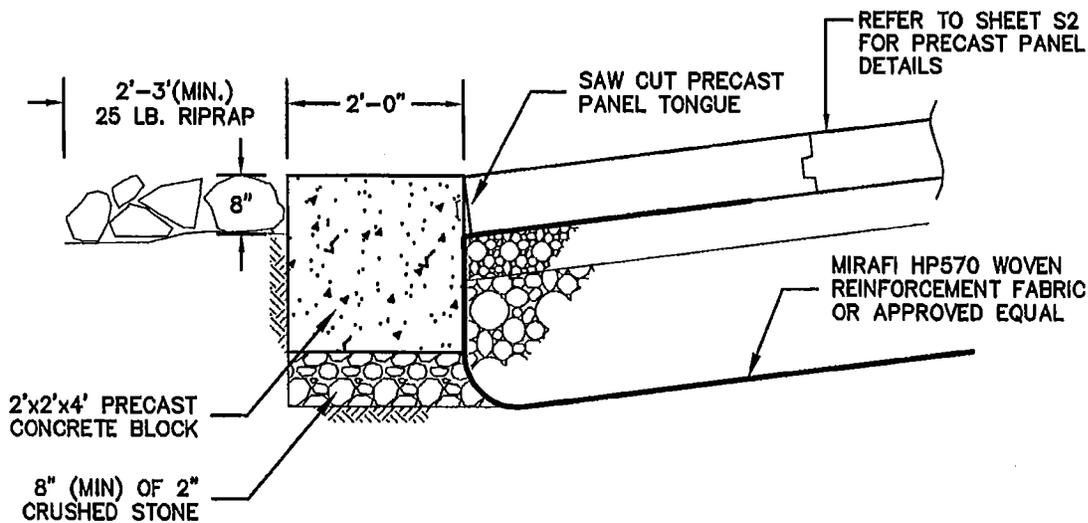
- To prevent the migration of silt from a work site in a water environment into the larger body of water.

Applicability

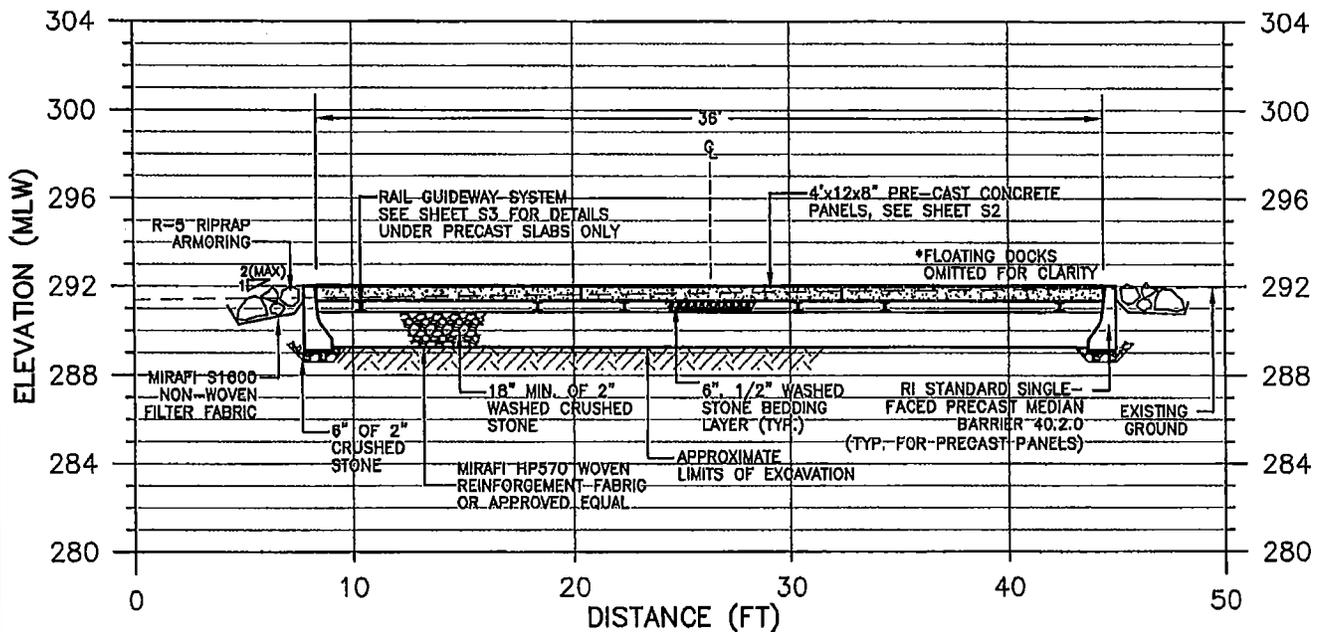
- Used when construction activity occurs within a waterbody or along its shoreline and is of short duration, generally less than one month.
- Curtains are used in calm waters.
- Not for use across flowing watercourses.

Planning and Design Requirements

- The turbidity curtain shall be located beyond the lateral limits of the construction site. The alignment should be set as close to the work area as possible but not so close as to be disturbed by applicable construction equipment.
- The height of the curtain shall be 20 percent greater than the depth of the water to allow for water level fluctuations.
- The area that the turbidity curtain protects shall not contain large culverts or drainage areas that if flows occur behind the curtain would cause a breach or lost contact at the bottom surface.
- If water depths at the design alignment are minimal, the toe can be anchored in place by staking.
 - Choosing the correct turbidity curtain is highly dependent on several different site conditions including water flow/current speed, waves (height, frequency), wind (speed, direction), job type, and job duration. After site conditions have been assessed, curtain materials can then be chosen to match the requirements of a location.
 - At a minimum, the curtain material shall be supported by a flotation



1 RUN-OFF PROTECTION DETAIL
SK-3 SCALE 1"=2'



2 BOAT RAMP CROSS SECTION
SK-3 SCALE 1"=8'



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ADDENDUM #2
FRESHWATER ACCESS
SITE IMPROVEMENTS
BEACH POND, EXETER
P&D 11-14

DRAWN BY: AFA

SCALE: AS NOTED

DATE: MARCH, 2015

REVISED BOAT RAMP DETAILS

SK-3

SHEET 3 OF 3

Section Six: Sediment Control Measures

material having over 29 lbs/ft buoyancy. The floating curtain shall have a 5/16" galvanized chain as ballast and dual 5/16" galvanized wire ropes with a heavy vinyl coating as load lines.

- The curtain material shall be made of a tightly woven nylon, plastic or other non-deteriorating material meeting the following specifications:

Property Value

Grab tensile strength *md-370 lbs *cd-250 lbs
Mullen burst strength 480 psi
Trapezoid tear strength *md-100 lbs *cd-60 lbs
Apparent opening size 70 US standard sieve
Percent open area 4% permittivity 0.28 sec-1

*md - machine direction

*cd - cross machine direction

In the event that more than one width of fabric is required, a 6" overlap of the material shall also be required.

Installation Requirements

- The area of proposed installation of the curtain shall be inspected for obstacles and impediments that could damage the curtain or impair its effectiveness to retain sediment.
- All materials shall be removed so they cannot enter the waterbody.
- The curtain shall be firmly anchored in place. Shallow installations can be made by securing the curtain by staking rather than using a flotation system. Supplemental anchors of the turbidity curtain toe shall be used, as needed, depending on water surface disturbances such as boats and wave action by winds.

Inspection, Maintenance, and Removal Requirements

- The turbidity curtain shall be inspected daily and repaired or replaced immediately.
- If the curtain is oriented in a manner that faces the prevailing winds, frequent checks of the anchorage shall be made.
- It is not normally necessary to remove sediment deposited behind the curtain; but, when necessary, removal is usually done by hand prior to removal of the barrier. All removed silt is stabilized away from the waterbody. Sediment removal will be at the direction of the regulatory agency.
- The barrier shall be removed by carefully pulling it toward the construction site to minimize the release of attached sediment. Any floating construction or natural debris shall be immediately removed to prevent damage to the curtain.

Solicitation #:7549344

Solicitation Title: Freshwater Access Improvements, Beach Pond

BID FORM (Revised)

To: The State of Rhode Island Department of Administration
Division of Purchases, 2nd Floor
One Capitol Hill, Providence, RI 02908-5855

Bidder:

Legal name of entity	

Address (street/city/state/zip)	
_____	_____
Contact name	Contact email
_____	_____
Contact telephone	Contact fax

1. BASE BID PRICE

The Bidder submits this bid proposal to perform all of the work (including labor and materials) described in the solicitation for this Base Bid Price (*including the costs for all Allowances, Bonds, and Addenda*):

\$ _____
(base bid price *in figures* printed electronically, typed, or handwritten legibly in ink)

(base bid price *in words* printed electronically, typed, or handwritten legibly in ink)

- **Allowances**

None

- **Bonds**

The Base Bid Price ***includes*** the costs for all Bid and Payment and Performance Bonds required by the solicitation.

Solicitation #:7549344

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• **Addenda**

The Bidder has examined the entire solicitation (including the following Addenda), and the Base Bid Price ***includes*** the costs of any modifications required by the Addenda.

All Addenda must be acknowledged.

Addendum No. 1 dated: _____

Addendum No. 2 dated: _____

Addendum No. 3 dated: _____

2. **ALTERNATES** (*Additions/Subtractions* to Base Bid Price)

The Bidder offers to: (i) perform the work described in these Alternates as selected by the State in the order of priority specified below, based on the availability of funds and the best interest of the State; and (ii) increase or reduce the Base Bid Price by the amount set forth below for each Alternate selected.

Check "Add" or "Subtract."

____ Add ____ Subtract Alternate No. 1: **Add Dry Hydrant as Alternative**

\$ _____
(amount *in figures* printed electronically, typed, or handwritten legibly in ink)

(amount *in words* printed electronically, typed, or handwritten legibly in ink)

3. **UNIT PRICES**

The Bidder submits these predetermined Unit Prices as the basis for any change orders approved in advance by the State. These Unit Prices include ***all*** costs, including labor, materials, services, regulatory compliance, overhead, and profit.

Solicitation #:7549344

Solicitation Title: Freshwater Access Improvements, Beach Pond

Unit Price No. 1: Precast Boat Ramp Slabs \$ _____

4. CONTRACT TIME

The Bidder offers to perform the work in accordance with the timeline specified below:

- Start of construction: Date of Purchase Order
- Substantial completion: 100 Working Days from Start of Construction
- Final completion: 100 Working Days from Start of Construction

5. LIQUIDATED DAMAGES

The successful bidder awarded a contract pursuant to this solicitation shall be liable for and pay the State, as liquidated damages and not as a penalty, the following amount for each calendar day of delay beyond the date for substantial completion, as determined in the sole discretion of the State: \$ 800.00.

This bid proposal is irrevocable for 60 days from the bid proposal submission deadline.

If the Bidder is determined to be the successful bidder pursuant to this solicitation, the Bidder will promptly: (i) comply with each of the requirements of the Tentative Letter of Award; and (ii) commence and diligently pursue the work upon issuance and receipt of the purchase order from the State and authorization from the user agency.

The person signing below certifies that he or she has been duly authorized to execute and submit this bid proposal on behalf of the Bidder.

Solicitation #: 7549344

Solicitation Title: Freshwater Access Improvements, Beach Pond

BIDDER

Date: _____

Name of Bidder

Signature in ink

Printed name and title of person signing on behalf of Bidder
#

Bidder's Contractor Registration Number



State of Rhode Island
 Division of Purchases
 One Capitol Hill
 Providence, RI 02905

"NON-MANDATORY" PRE-BID CONFERENCE SIGN IN SHEET

BID NUMBER: 75494
BID TITLE: Freshwater Access Site Improvements, Beach Pond, Exeter, RI, DEM
PRE-BID MEETING TIME: 3/9/15 - 10:30 A.M.

PURCHASING REPRESENTATIVE: John F. O'Hara II
BID START TIME: 10:30 AM
PRE-BID MEETING TIME: 10:30

COMPANY NAME	COMPANY REPRESENTATIVE	ADDRESS	CONTACT NAME	CONTACT PHONE NUMBER	CONTACT FAX NUMBER	PROPOSAL SUBMITTED TO (City)
1 NARRAGANSETT DOCK WORKS	Charles Koyce	14 GOLF RD NARRAGANSETT	Malchion 1	401-789-0867		
2 E.S. Prescott, Inc.	Jason J. Normandin, Sr	38 Albion Rd. Lincoln, RI 02865	Jason.normandin@esprescott.com	401-333-1317		401-333-9035
3 William Anthony Excavating, Inc.	Angelena Bleasnik	366 DOAKER LN N. KINGSTON RI 02881	Tim@wascav.com	401-294-2320		401-294-2391
4 Witko Development	S.F. Wilkins	300 JOHNSON BLVD SUITE 211 WARRIOR RI 02886	Tim@wascav.com	401-463-6600		800-945-2619
5 J. Albanese Construction	R. Albanese	18 Mt. Laurel HWY E No. Scituate, RI 02882	albaneseconstruction@cox.net	401-232-1700		401-232-1730
6 Tower Construction Corp.	SAU TONG TASSA	3555 LINCOLN AVE WARRIOR, RI 02886	ESTIMATING@TOWERCONSTRUCTION.COM	401-943-0116		401-944-4041
7 Purchaser - John Dillak						
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