**6. ENGINEERING SYSTEMS REQUIREMENTS**

**H60 WATERFRONT DEMOLITION**

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SYSTEMS REQUIREMENTS
WATERFRONT DEMOLITION TEMPLATE 02/18

Instructions for using this template: There are template files for each UNIFORMAT Level 2 Group Elements. This template is for Group Element H60-WATERFRONT DEMOLITION. Text such as this is hidden text that will not print when the hidden text box in "Print/Options" is un-checked.

Edit this template for the requirements of the project and wherever brackets [ ] appear. Use UFC 4-152-01 when determining Waterfront Demolition system requirements.

The SYSTEMS REQUIREMENTS are intended to define items that are required throughout the facility or on a system wide basis that are common to waterfront facilities. Waterfront Demolition-specific requirements are defined in GENERAL SYSTEM REQUIREMENTS paragraph of Section H60. Coordinate with the lead programmer for interface requirement with other elements of the program. Editing is required where brackets [ ] appear. Delete all Waterfront Demolition elements that are not required for the project. If additional required elements or sub-elements for the project that do not appear in the template, consult with the Capital Improvements section at NAVFAC Atlantic for additional element numbers and description. Coordinate with the PERFORMANCE TECHNICAL SPECIFICATION SECTION H60 to ensure that performance requirements are provided for all of the Waterfront Facility Elements listed here and that paragraph numbering matches.

There may be rare occasions when prescriptive specifications may either be edited and included in Part 5 of the RFP or required in PTS Section H60 to be edited by the Contractor's Designer of Record. In both cases, the Engineering Systems Requirements (ESR) must include references to these documents.
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**SYSTEM DESCRIPTION**
**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*
NOTE: Identify and describe the general areas where waterfront demolition is required.
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The areas that require Waterfront Demolition include:

• [ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ]

• [ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ]

• [ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ]

• [Other waterfront demolition as required by the Contractor's design]

**GENERAL SYSTEM REQUIREMENTS**
Design and Implement Waterfront Demolition as specified throughout the RFP as needed for a complete, usable and proper installation. All work must be executed in accordance with this ESR and PTS Section H60. Where the word "should" is used in manufacturer's recommendations, substitute the word "must".

Do not commence in-water and over-water demolition work until the required permits listed in Paragraph titled, "Permitting and Agency Review" in Chapter 3, Site Analysis of Part 3 are obtained. Work to be done below [Mean Higher High Water (MHHW)] [\_\_\_\_\_\_\_\_] is considered in-water work.

Maximize the recycled use of [concrete,] [steel,] [and] [\_\_\_\_\_] material demolished from the project in accordance with Part 2 UFGS Section 01 74 19, *Construction Waste Management and Disposal*. The following items must be removed, salvaged and turned over to the Government for disposition:

• [ As identified on the drawings provided in Part 6 ]

• [ \_\_\_\_\_\_\_\_\_\_ ]

• [ \_\_\_\_\_\_\_\_\_\_ ]

The following utilities must be removed by the Contractor:

• [As identified on the drawings provided in Part 6]

• [ \_\_\_\_\_\_\_\_\_\_ ]

• [ \_\_\_\_\_\_\_\_\_\_ ]

• [As required by Contractor's design]

 **H6010 IN-WATER OR OVER-WATER DEMOLITION**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*
NOTE: Provide a detailed description of the in-water or over-water demolition required by the Government, make reference to the identity where the Contractor can locate the record drawings.
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[Demolish [\_\_\_describe items to be demolished\_\_\_] as shown on the RFP drawings provided in Part 6. [Record drawings for the structures to be demolished are provided in Attachment [ \_\_\_\_\_ ] of Part 6.]

[Determine the level and details of in-water or over-water demolition as required by the Contractor's design.]

 **H6020 NON IN-WATER OR NON-OVER-WATER WATERFRONT DEMOLITION**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*
NOTE: Provide a detailed description of other waterfront demolition required by the Government, make reference to the identity where the Contractor can locate the record drawings.
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[Demolish [\_\_\_\_describe items to be demolished\_\_\_] as shown on the drawings provided in Part 6. [Record drawings for the structures to be demolished are provided in Attachment [ \_\_\_\_\_ ] of Part 6.]

[Determine the level and details of demolition as required by the Contractor's design.]

 **H6030 HAZARDOUS COMPONENTS ABATEMENT**

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 NOTE: If hazardous material abatement is expected during waterfront demolition, include work under ESR F20 and ESR G10 as applicable.
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[This project includes hazardous material abatement. See [Section F20, *Selective Building Demolition*][and Section G10, *Site Preparations*].]

--End of Section--