

DEPARTMENT OF HOMELAND SECURITY  
UNITED STATES COAST GUARD  
ENGINEERING SERVICES DIVISION

SPECIFICATIONS  
FOR  
DEMOLISH HURRICANE FLORENCE DAMAGED DAYBEACONS  
U.S. COAST GUARD AIDS TO NAVIGATION TEAMS (ANT)  
FORT MACON  
ATLANTIC BEACH, NORTH CAROLINA  
AND  
WANCHESE  
WANCHESE, NORTH CAROLINA

JULY 2020

COMMANDING OFFICER  
UNITED STATES COAST GUARD  
CIVIL ENGINEERING UNIT, RM 2179  
1240 EAST NINTH STREET  
CLEVELAND, OHIO 44199-2060

AUTHOR: D. Ward

DIV 1

Final

## TABLE OF CONTENTS

<u>Division</u>	<u>Section</u>	<u>Title</u>	<u>Page</u>
1			
	01 11 00	Scope of Work	3
	01 14 00	Contractor Work Hours	4
	01 14 13	Pre-Bid Site Visits	4
	01 14 14	Pre-Construction Site Conditions	5
	01 14 16	Coordination	5
	01 14 19	Field Adjustments	6
	01 18 14	Building Permits	6
	01 18 17	Environmental Permits	6
	01 26 13	Request for Information	6
	01 31 19	Project Meetings	9
	01 32 16	Construction Schedule, Schedule of Values and Progress Schedule	9
	01 32 26	Construction Daily Reports	10
	01 33 00	Submittal Procedures	11
	01 35 29	Safety Program	13
	01 51 00	Temporary Utilities	14
	01 55 00	Access Roads and Parking	14
	01 55 29	Staging Areas and Access	15
	01 57 23	Pollution Control	15
	01 58 00	Marine Lights and Signals	16
	01 65 00	Recovered Materials Notice	16
	01 66 16	Safety Data Sheets and Handling Procedures	17
	01 74 00	General Cleanup and Site Restoration of Work Areas	18
	01 78 00	As Built Drawings	19
	01 80 00	Facility Preventative Maintenance Program (FPMP)	19
		List of Submittals	21
		Contract Item Acceptance Request	22
2			
	02 41 13	Demolition and Removal	23

## DIVISION 1

(May 2019 Version)  
SECTION 01 11 00  
SCOPE OF WORK

1. WORK INCLUDED: Major items of work shall include the following:

1.1 General: Remove timber pile day-beacons and lights for ANT Fort Macon and steel pile lights for ANT Wanchese as indicated in the lists below. Locations are shown on the reference file C13588987Charts.pdf and photographs are in reference file C13588987Photos.pdf. Water depths are indicated on the charts. Provide photographs and GPS coordinates for all timber piles prior to their removal.

1.2 ANT Fort Macon Removals: Remove timber pile day-beacons and lights either in their entirety or cut-off 2 feet below the mud-line. All daybeacons/lights are single wooden pile structures, unless noted otherwise, constructed of 12 inch diameter timber piles approximately 60 feet long with an embedment length of 20 to 30 feet into the sub-surface soil. Remove and deliver lights, batteries and solar panel to ANT Fort Macon prior to demolition.

Barden Inlet Light 26, LLNR 29245  
Barden Inlet Warning Daybeacon A (DBN 30), LLNR 29255  
Barden Inlet Light 32, LLNR 29260  
Barden Inlet Warning Daybeacon B (DBN 34), LLNR 29265  
Barden Inlet Light 35, LLNR 29270  
Harkers Island East Channel Warning Daybeacon A, LLNR 29275  
Harkers Island East Channel Warning Daybeacon B, LLNR 29280  
Harkers Island East Channel Warning Daybeacon C, LLNR 29285  
Harkers Island East Channel Warning Daybeacon D, LLNR 29290  
Harkers Island East Channel Warning Daybeacon E, LLNR 29295  
Harkers Island East Channel Warning Daybeacon F, LLNR 29305  
Harkers Island East Channel Warning Daybeacon G, LLNR 29310  
\* Core Sound Warning Light CS, LLNR 34325  
\* Core Sound Warning Light AA, LLNR 34330  
\* Core Sound Warning Light BB, LLNR 34345  
Core Sound Warning Light CC, LLNR 34350  
Core Sound Warning Light DD, LLNR 34355  
\* Core Sound Warning Light EE, LLNR 34365  
Core Sound Daybeacon 48, LLNR 34690  
Peletier Creek Entrance Channel Daybeacon 1 (DBN A), LLNR 38820  
Peletier Creek Entrance Channel Daybeacon 5 (DBN B), LLNR 38835  
Peletier Creek unmarked pile (formerly Daybeacon 5)  
Trent River Daybeacon 9, LLNR 34280

\*3-pile cluster structure

1.3 ANT Wanchese Removals: Remove the concrete filled, steel pipe-pile light structures in their entirety. All pipe piles are 18 inch diameter, ½ inch wall thickness with the top portions filled with concrete from the top surface to the mud-line. The piles are 50 feet long. The concrete column height within the piles is approximately 20 feet with a weight of approximately 5,300 pounds. Demolition of platforms, ladders and miscellaneous items shall be included. Remove and deliver lights, batteries and solar panels to ANT Wanchese prior to demolition.

Monkey Tail Shoal Light 1, LLNR 31160  
Water Lily Light 1W, LLNR 31165  
Whale Head Bay Light 1, LLNR 31170  
Wells Creek Light 1, LLNR 31230

2. REFERENCE DOCUMENTS: These specifications and the reference documents are the property of the Government and comprise legal documentation that pertains exclusively to this project.

2.1 Reference Documents:	<u>CEUC USCG Approved Equipment Enrollment Catalog.pdf</u>
	<u>CEUC Equipment Enrollment Form.xlsx</u>
	<u>C13588987Charts.docx</u>
	<u>C13588987Photos.docx</u>

SECTION 01 14 00  
CONTRACTOR WORK HOURS

1. WORK HOURS: There are no work hour restrictions for this project. The Contractor has complete access to the project site seven days a week.
2. CONTRACT COMPLETION: The contractor shall complete work within the time frame indicated upon issuance of the Notice to Proceed. Limitations imposed by these work hours will not entitle the Contractor additional time to complete the project. Refer to FAR Clause 52.211-10 "Commencement, Prosecution and Completion of Work".

SECTION 01 14 13  
PRE-BID SITE VISITS

1. GENERAL: Bidders are responsible for visiting the site to field verify existing conditions and determine actual dimensions and the nature of the work required. Failure to visit the site does not relinquish the bidder from determining the extent and scope of the work required and estimating the difficulty and cost to complete the project. Requests for equitable adjustments, in either time or money, arising from failing to field verify site conditions may be denied. Provisions regarding the site visit requirements are outlined in FAR Clause 52.236-3 "Site Investigation and Conditions Affecting the Work".

2. SITE VISIT: Arrange pre-bid site visits to verify existing conditions with the Officer in Charge, U.S. Coast Guard ANT Wanchese at (252) 473-1531, for ANT Wanchese removals and ANT Fort Macon at (252) 725-4795, for ANT Fort Macon removals. The Officer in Charge may limit hours of access or levy certain restrictions regarding visits to the site. The ANTs will **NOT** provide water transportation for site visits. Specific information regarding the sites may be obtained from the appropriate ANT.

SECTION 01 14 14  
PRE-CONSTRUCTION SITE CONDITIONS

1. SITE CONDITION VERIFICATION: The Contractor shall verify the conditions of the existing site, equipment and facilities potentially affected by the work under this contract with the applicable ANT. All day-beacons and lights are located within 20 feet of the edge of the waterway. Any pile or structure beyond 20 feet of the waterway shall not be removed. Coordinate with the appropriate ANT if there is any clarification that may be required prior to removals.

SECTION 01 14 16  
COORDINATION

1. INTERFERENCE WITH COAST GUARD OPERATIONS: Accomplish work in a manner that causes minimal impact on normal operations. The Contractor shall notify the Contracting Officer's Representative at least five working days in advance of any planned outages of water, electrical, telephone, or sanitary facilities. Notify the Contracting Officer's Representative at least one week prior to beginning construction.

2. MILITARY STATION REGULATIONS:

2.1 The Contractor, his employees, and subcontractors shall become familiar with and obey all station regulations. All personnel employed on the project shall keep within the limits of the work and avenues of ingress and egress, and shall not enter any other areas outside of the site of the work unless required to do so in the performance of their duties. The Contractor's equipment shall be conspicuously marked for identification.

2.2 There shall be NO SMOKING in any Coast Guard building.

2.3 Storage Areas: The Contracting Officer's Representative will determine exact location and boundaries of staging areas. Under no circumstances shall materials be stored in areas that will interfere with aircraft operations.

2.4 Storm Protection: If a gale force wind warning or higher is issued, take precautions to minimize any danger to persons and protect the work and nearby Government property.

Precautions shall include, but not be limited to, closings, removing loose materials, tools and equipment, from exposed locations. Remove and secure scaffolding and temporary work. Close openings in the work area if storms of lesser intensity are imminent.

4. AIDS TO NAVIGATION EQUIPMENT:

4.1 General: Coordinate removal of piles with the appropriate ANT at least two weeks prior to beginning any work.

4.2 Notification: Notify the Commander, Fifth Coast Guard District (dpw) at (757) 398-6486 or [CGD5waterways@uscg.mil](mailto:CGD5waterways@uscg.mil) for issuance of "Notice to Mariners" a minimum of 10 (ten) days in advance of taking any AtoN equipment out of service.

SECTION 01 14 19  
FIELD ADJUSTMENTS

1. The Contracting Officer's Representative may authorize field adjustments. Field adjustments are those alterations that do not affect time, price, or intent of the contract documents. All field adjustments shall be documented in the Daily Reports and on the As-Built Drawings.

SECTION 01 18 14  
BUILDING PERMITS

1. NO BUILDING PERMITS from state or local governments are required for work performed on federal property. Courtesy permits may be obtained at the Contractor's option. No payment will be made to the Contractor for any permit cost. Design changes to obtain courtesy permits, even at no cost, will not be allowed without written approval of the Contracting Officer.

SECTION 01 18 17  
ENVIRONMENTAL PERMITS

1. The required environmental permissions have been obtained for this project. The contractor will not be required to obtain permits.

SECTION 01 26 13  
REQUESTS FOR INFORMATION

1. SUMMARY: Section Includes: Administrative requirements for requests for information.
2. DEFINITIONS:

A. Request for Information: A document submitted by the Contractor requesting clarification of a portion of the contract documents, hereinafter referred to as RFI (Request for Information).

B. Proper RFI's: A properly prepared request for information shall include a detailed written statement that indicates the specific Drawings or Specification in need of clarification and the nature of the clarification requested.

1. RFI's shall be sequentially numbered.
2. Drawings shall be identified by drawing number and location on the drawing sheet.
3. Specifications shall be identified by Section number, page and paragraph.

C. Improper RFI's: RFI's that are not properly prepared.

1. Improperly prepared RFIs will not be processed by the Contracting Officer, but will be returned unprocessed.

D. Frivolous RFI's: RFI's that request information that is clearly shown on the Contract Documents.

1. Frivolous RFI's may be returned unprocessed.

### 3. CONTRACTOR'S REQUESTS FOR INFORMATION:

A. When the Contractor is unable to determine from the Contract Documents, the material, process or system to be installed, the Contracting Officer shall be requested to make a clarification of the indeterminate item.

1. Wherever possible after contract award, such clarification shall be requested at the next site visit by the Contracting Officer's Representative (COR), with the response entered on the daily reports. When clarification at the COR's site visit is not possible either because of the urgency of the need, or the complexity of the item, Contractor shall prepare and submit an RFI to the Contracting Officer.

B. Contractor shall endeavor to minimize the number of RFIs. In the event that the process becomes unwieldy, in the opinion of the Contracting Officer because of the number and frequency of the RFIs submitted, the Contracting Officer may require the Contractor to abandon the process and submit future requests as either submittals, substitutions or requests for change.

C. RFIs shall be submitted on the form provided by the Contracting Officer. Forms completely filled in, and if prepared by hand, shall be fully legible after photocopying or fax transmission. Each page of the attachments to RFIs shall bear the RFI number in the upper right corner.

D. RFIs shall be originated by the Prime Contractor.

1. RFIs from subcontractors or material suppliers shall be submitted through, reviewed by, and signed by the Prime Contractor prior to submitting to the Contracting Officer.
2. The Contracting Officer will neither act on nor respond to RFIs received directly from subcontractors or suppliers.

E. Contractor shall carefully study the Contract Documents to assure that the requested information is not available therein. RFIs which request information available in the Contract Documents will be deemed either Improper or Frivolous as defined above.

F. In cases where RFIs are issued to request clarification of coordination issues, for example, pipe and duct routing, clearances, specific locations of work shown diagrammatically, and similar items when feasible, Contractor shall fully lay out a suggested solution using drawings or sketches drawn to scale, and submit with the RFI.

G. RFIs shall not be used for the following purposes:

1. To request approval of submittals.
2. To request approval of substitutions.
3. To request changes which entail additional cost or credit.
4. To request different methods of performing work than those drawn and specified.

H. In the event the Contractor believes that a clarification by the Contracting Officer results in additional cost or time, the Contractor shall not proceed with the work indicated by the RFI until a modification is prepared and approved. RFIs do not automatically justify a cost increase in the work or a change in the project schedule.

1. Answered RFIs shall not be construed as approval to perform extra work.

I. Contractor shall prepare and maintain a log of RFIs, and at any time requested by the Contracting Officer, Contractor shall furnish copies of the log showing outstanding RFIs. Contractor shall note unanswered RFIs in the log.

J. Contractor shall allow up to 14 days review and response time for RFIs, however, the Contracting Officer will endeavor to respond in a timely fashion to RFIs.

K. The Government reserves the right to issue a change order to expedite the work per FAR Clause 52.243-4, Changes.

#### 4. CONTRACTING OFFICER'S RESPONSE TO RFIs:

A. Contracting Officer will respond to RFIs on one of the following forms:

1. Proper RFIs:
  - a. Change Order
  - b. Request for Proposal
2. Improper or Frivolous RFIs:
  - a. Unprocessed RFIs will be returned with a stamp or notation: Not Reviewed.
3. Answers to properly prepared RFIs may be made directly upon the RFI form with supplementary instructions as necessary.

SECTION 01 31 19  
PROJECT MEETINGS

1. **LOCATION:** Project meetings will be conducted either on-site or with a conference call. The following meetings may be held:

1.1 Pre-Construction Conference: After award of a contract, the Coast Guard will arrange a conference with the contractor, and necessary Coast Guard personnel. The purpose of this conference is to orient the Contractor to Government procedures for wage rates, contractual and administrative matters, and to discuss specific issues regarding actual construction.

1.2 Progress and Technical Review Meetings: These meetings generally take place at the project site. Either party may request a meeting to review the progress of the project and/or review or clarify the technical requirements of the specifications.

SECTION 01 32 16  
CONSTRUCTION SCHEDULE, SCHEDULE OF VALUES,  
AND PROGRESS SCHEDULE

1. **In accordance with the Notice to Proceed letter**, the Contractor shall submit the following:

a. Construction Schedule-This schedule shall be prepared using a horizontal bar graph with time scale. It shall be in an industry accepted Project Management format and shall accurately display:

1. All major categories of work to be performed within the required contract completion date broken out in sufficient detail to track progress throughout the life of the contract. Major work categories should include but are not limited to mobilization, carpentry, plumbing, mechanical, electrical, roofing, concrete, site work, and demobilization. In addition to construction activities, procurement times for critical items, submittal turnaround time, mobilization, final inspection, punchlist work, and demobilization shall be shown on the schedule.

2. The duration of each work category.

3. Any concurrent work categories.

b. Schedule of Values-This schedule shall be prepared as a **detailed** cost breakdown of the contract price and be submitted with the Construction Schedule. This schedule shall include but not be limited to costs of materials, equipment, and labor for all major work categories shown on the Construction Schedule. The Contractor shall adhere to the following guidelines when developing the Schedule of Values.

1. Format - The line items in the Schedule of Values **shall** be the same as that of the Construction Schedule.

2. Bonds - Bonding costs will only be paid in a lump sum if they are broken out separately and included with the schedule of values. The Contractor shall provide evidence that he has furnished full payment to the surety.

3. Materials - To request progress payments for materials delivered to the construction or fabrication site, the particular category of work associated with the materials must be broken down into separate material and labor costs.

2. UPDATES: **Each month and /or with each progress payment request**, the Contractor shall submit the following:

a. **Progress Schedule**-This schedule shall be an update of the Construction Schedule. It shall show the current schedule of all work.

1. Modifications - If modifications are made to the contract, the work added shall be tracked separately from the original Construction Schedule and shall maintain its individuality on the Progress Schedule throughout the life of the contract. Progress Payment requests shall not lump modification costs into the original contract price.

## SECTION 01 32 26 CONSTRUCTION DAILY REPORTS

1. GENERAL: **The Contractor shall complete a Daily Report for each and every day after mobilization.** The importance of an accurate, fully detailed Daily Report, promptly delivered to the designated On-Site Representative cannot be overemphasized. The report shall provide an accurate cumulative summary of the history and performance of the work. The Daily Report shall document weather; work hours; work in-place; inspections and tests conducted, and their results; dimensional checks; equipment and material checks; data on workers by classification; the mobilization and demobilization of construction equipment; materials delivered to the site; and any other pertinent noteworthy event; e.g., personnel injury, site visit by Coast Guard personnel, etc.

2. **RESPONSIBILITY:** The Daily Reports play an important role in settling disputes and claims for both parties. For this reason the On-Site Representative and the Contractor's Superintendent, together, should review the report to ensure its completeness and accuracy. Each day's report shall be submitted to the On-Site Representative no later than 10:00 a.m. the following morning. The maximum allowable retainage will be enforced for late, sporadic or non-submission of Daily Reports. In the absence of an On-Site Representative the Contractor shall mail the Daily Reports directly to the Contracting Officer every Friday. Should the Daily Report indicate an accident, environmental issue, OSHA violation or any crisis the On-Site Representative deems important, the Report should be faxed immediately to the Contracting Officer at (216) 902-6278.

3. **DESIGNATED ON-SITE REPRESENTATIVE RESPONSIBILITY:** After a Notice to Proceed for site work has been issued the On-Site Representative shall complete a Daily Report for each day until the Contractor mobilizes. After the Contractor is at the site, the On-Site Representative shall ensure that the Contractor completes the Daily Report in accordance with Paragraphs 1 and 2 above. Any items of dispute or other notes the On-Site Representative feels appropriate shall be added to the Daily Report. The On-Site Representative is also responsible for informing the COR when the contractor fails to submit daily reports.

## SECTION 01 33 00 SUBMITTAL PROCEDURES

### 1. GENERAL:

1.1 The Contractor shall submit to the Contracting Officer (4) copies of submittals required by this specification and/or itemized on the "**List of Submittals**" found at the end of this division.

### 2. REQUEST:

2.1 A "**CONTRACT ITEM ACCEPTANCE REQUEST**" shall accompany all submittals. All items shall be individually listed and clearly identified, referencing the applicable Section and Paragraph. A copy of this form is located at the end of this division and may be reproduced as needed.

2.2 Up to eight (8) items may be listed on an individual acceptance request. Number each Contract Item Acceptance Request consecutively (*Submittals # 1, 2, etc.*) and re-submittals with letters (*Submittal #1A is the first re-submittal of Submittal #1*).

2.2 Submittals shall be forwarded to the Contracting Officer. The contractor **shall allow 14 calendar days**, excluding mailing time, for the review process in the Construction Schedule and all project planning. In instances where submittal review must be expedited, the Contractor may annotate the Contract Item Acceptance Request as "Urgent" and provide a FAX number for prompt return. The Coast Guard will make every effort to accelerate the review of each urgent submittal; however, the Contractor should not anticipate a reduced time schedule and shall plan project progress accordingly.

### 3. DEVIATIONS

### 3.1 Deviation from specification:

3.1.1 The Contracting Officer will consider requests for deviations/substitutions only if submitted within fifteen (15) calendar days after award.

3.1.2 Deviations may be considered when a product becomes unavailable through no fault of the Contractor.

3.1.3 The Contractor shall document each request with complete data substantiating compliance of proposed deviation with the Contract documents. *Request for deviation shall not be submitted on a Request for Information (RFI) form.*

3.1.4 A request constitutes a representation that the Contractor:

3.1.4.1 Has investigated proposed product and determined that it meets or exceeds quality level of specified product.

3.1.4.2 Will provide the same warranty for deviation as for specified product.

3.1.4.3 Will coordinate installation and make changes to other work which may be required for the work to be completed at no additional cost to the Government.

3.1.4.4 Waives claims for additional costs or time extension which may subsequently become apparent.

3.1.4.5 Will reimburse the Government for review or redesign services associated with re-approval by the Contracting Officer.

3.1.5 If the deviation has a lesser value than the product originally specified, the Contractor shall provide a credit to the Government.

3.1.6 Deviations will not be considered when they are indicated or implied on Shop Drawings or Product Data submittals, without a separate written request, or when acceptance will require revisions to the Contract documents.

### 3.2 Deviation submittal procedures:

3.2.1 The Contractor shall mark the "Deviation" block on the Contract Item Acceptance Request (CIAR) form and provide the information stated in Paragraph 3.1.

3.2.2 The Contractor shall submit shop drawings, product data, and certified test results attesting to proposed product equivalence. Burden of proof is on the Contractor.

3.2.3 The Contracting Officer will then review the “deviation” request and either accept or reject the deviation. The Contracting Officer’s acceptance of the deviation signifies that the Contractor has provided the information required in Paragraph 3.1. If a credit is due the government, the Contracting Officer will notify the Contract Specialist and the deviation will be processed utilizing the Change Request procedures for a modification to the contract/task order.

3.2.4 The Contracting Officer will notify the Contractor of acceptance/rejection of the deviation via an accepted or rejected CIAR. The Contracting Officer will notify the Contractor, in writing, if a modification to the contract is required.

3.2.5 If a request for deviation is received without the documentation stated above, the Contracting Officer will return the submittal to the contractor for the required information.

4. ACCEPTANCE: Submittals will be stamped "Accepted," "Accepted with Comments," or "Resubmit". Acceptance, Acceptance with comments or Resubmit for each item will be indicated on the Contract Item Acceptance Request form and one copy returned to the Contractor.

4.1 **Prompt re-submittal of items is required.** The Contractor shall furnish a new Contract Item Acceptance Request numbered in accordance with the requirements of paragraph 2.1.

5. DEFECTIVE WORK: Acceptance of Submittals **does not** restrict the Government's right to reject departures from contract requirements, use of damaged or improperly installed items/materials, or latent defects, nor does it prejudice the Government's rights of rejecting any work found defective at Final Inspection and Acceptance.

5.1 Work started or completed prior to submittal acceptance is **solely** at Contractor's risk and may jeopardize contract performance.

## SECTION 01 35 29 SAFETY PROGRAM

### 1. GENERAL:

The Contractor is wholly responsible for work site safety. The Contractor shall implement a safety program that protects the lives and health of personnel in the construction area, prevents damage to property, and avoids work interruptions. The Contractor shall provide appropriate safety barricades, signs, signal lights, etc. (see Section 01 56 00, “Lights, Signs & Barricades”) as well as complying with the requirements of all applicable Federal, State and Local safety laws, rules and regulations.

### 2. COMPLIANCE:

The Contractor is specifically required to comply with the requirements of the U. S. Army Corps of Engineers "Safety and Health Requirements Manual" (EM 385-1-1, *latest version available*) and the "Accident Prevention" clause (FAR 52.236-13). Once accepted, this safety plan shall become part of the contract requirements. **Note: *This review/acceptance does not in any way relinquish the Contractor from responsibility for work site safety nor the obligation to comply with the OSHA regulations found in 29 CFR 1910 & 1926 or any other State or Local safety law, rule or regulation applicable to the contract work. The Coast Guard will cooperate fully with the Department of Labor (Occupational Safety and Health Administration) in their enforcement of OSHA regulations.***

### 3. SAFETY PLAN:

The Contractor **shall submit a written safety plan**. At a minimum, this plan shall describe the Contractor's general safety program and identify specific safety provisions for hazards incidental to the contract work; e.g., elevated working surfaces, working over water, working from floating work platforms, overhead crane operations, etc.

#### SECTION 01 51 00 TEMPORARY UTILITIES

1. **GENERAL:** There are no utilities available on site. The contractor shall provide portable generation, water, portable toilets and other services necessary to complete the project.

#### SECTION 01 55 00 ACCESS ROADS AND PARKING

1. **ACCESS:** Access to the site is available from public roads. The sites are remote and the contractor shall comply with all rules imposed by the owner of the site. Contractor barges and equipment shall not obstruct navigable waters during construction. Barges shall be marked and lighted in accordance with Coast Guard requirements as outlined in Section 01 58 00, "Marine Lights and Signals".

2. **PARKING:** Vehicular operations and parking shall comply with all applicable government orders and regulations. All driveways and entrances serving the Government shall be kept clear and available to emergency vehicles at all times.

3. **VEHICLE AND VEHICLE OPERATION:** All vehicles, owned by the Contractor or employees of the Contractor, and operators of these vehicles, shall meet all state regulations for safety, noise, loading and minimum liability insurance. All vehicle operators demonstrating reckless or careless operation in the opinion of the Government shall not be allowed to operate vehicles on government property for the duration of the contract.

4. **VISITORS:** No visiting vehicles will be permitted on government property unless the operator is employed by a subcontractor or supplier.

SECTION 01 55 29  
STAGING AREAS AND ACCESS

1. LOCATION:

The Contractor shall store materials and operate equipment from contractor obtained facilities. The contractor shall coordinate storage of materials and equipment at the with the appropriate property owners. **The contractor will assume all liability for the security of materials and equipment stored in unsecured areas.**

2. COORDINATION:

The contractor shall coordinate the staging and storage areas for equipment and materials directly with the facility or site owners. The Coast Guard will not coordinate the storage and staging areas.

3. ADJACENT AREAS:

The Contractor shall ensure that all land and vegetation adjacent to the staging area remain undisturbed and undamaged; all damages shall be repaired at no cost to the Government.

SECTION 01 57 23  
POLLUTION CONTROL

1. VOLATILE ORGANIC COMPOUND (VOC) REGULATIONS: Contractors are required to comply with local, state and federal VOC compliance laws and regulations in the foregoing order of precedence. In order to comply with the provisions of the Clean Air Act, each state must have a State Implementation Plan. Some contractors may be required to abide by the provisions of a Title V Permit. Some contractors may be required by state or local law to operate under the terms of a Compliance Plan to reduce VOC Emissions.

1.1 In accordance with the Notice to Proceed Letter, the contractor will submit copies of any local, state or federal implementation plans, permits or compliance plans required/applicable to the use/application of VOCs at contractor's facility or offsite work places.

1.2 If no local, state or federal implementation plans, permits or compliance plans are required/applicable to the use/application of VOCs, then the contractor shall submit to the designated Contracting Officer a letter, notarized under oath, that such documents are not required.

1.3 If the use of paint is required the contractor shall submit to the Contracting Officer and in accordance with the Notice to Proceed Letter, certificates, specifications or manufacturing data verifying the VOC rating.

2. SPILL RESPONSE PLAN: The Contractor shall submit a Spill Response Plan covering all regulated materials brought to the site for execution of work and all wastes generated as a result of the work to the Contracting Officer. The plan shall include, at a minimum, the following: types and quantity of all substances covered under this plan; the reportable quantity (RQ) for each substance; the on site storage location of each substance; the Contractor's spill response equipment, if applicable; procedures to be followed for responding to a spill, including initial responses to be taken; procedures to be followed in reporting a spill, including the names and telephone numbers for all federal, state, and local agencies/authorities to be notified; and the name, address, and telephone number (work, home, cell and pager) of all Contractor response and media relations personnel.

2.1 In the event of a spill or release, the Contractor shall be responsible for immediate implementation of the spill response plan and restoration of the site to pre-spill condition at no cost to the Government. The Contractor shall also immediately notify the Contracting Officer to coordinate further notifications.

SECTION 01 58 00  
MARINE LIGHTS AND SIGNALS

1. GENERAL: The Contractor's Marine equipment shall display such lights and day signals as may be required under applicable Navigation Rules. The Contractor shall inquire at the nearest Coast Guard Marine Safety Office for specific information on these rules. The Contractor to the satisfaction of the Contracting Officer shall mark offshore structures during all phases of construction and removal. Contractor shall provide any lights, daymarkers or buoys required. Contractor shall contact Commander, Fifth Coast Guard District (dpw) at [CGD5waterways@usc.mil](mailto:CGD5waterways@usc.mil) for issuance of "Notice to Mariners" a minimum of 10 (ten) days in advance of commencing any work.

SECTION 01 65 00  
RECOVERED MATERIALS NOTICE

1. GENERAL:

It is the intent of CEU Cleveland to comply with the requirements of Section 6002 of the Solid Waste Disposal Act as amended by the Resource Conservation and Recovery Act (RCRA or the Act) as amended, 42 U.S.C. 6962 and Executive Order 12873 as they apply to the procurement of the materials designated in paragraph 2.

2. DESIGNATED RECOVERED MATERIALS:

It is the purpose of this section to designate items that are or can be made with recovered materials. These designated items can be found at <http://www.epa.gov/epaoswer/non-hw/procure/products.htm>.

3. CONTRACTOR RESPONSIBILITY:

The contractor should provide recycled materials to the extent practical, provided the materials meet all other requirements of the applicable specification section.

SECTION 01 66 13  
HAZARDOUS WASTE

1. GENERAL:

The Contractor shall comply with all federal, state, and local environmental regulations dealing with the generation, management, storage, and disposal of solid, toxic, and hazardous wastes. The Contractor shall ensure that all wastes are properly containerized, labeled and placarded, managed, tested, stored, documented/manifested, transported and disposed of in accordance with all applicable regulations.

2. USED ELECTRIC LAMPS:

40 CFR 273 requires that electric lamps, including incandescent, fluorescent, neon and high intensity discharge (mercury vapor, high/low pressure sodium, metal halide) lamps that are no longer of use be recycled or treated as hazardous waste. The Contractor shall not dispose of any used electric lamps as solid waste. The Contractor shall recycle all waste electric lamps generated as a result of this work only at a licensed recycling facility.

3. METALS:

Unless noted otherwise, scrap metal shall not be landfilled or treated as hazardous waste. Recycle all scrap metal by smelting or any other acceptable recycling process. Scrap metal includes ductwork, light fixture housings, pipe, mechanical and electrical equipment, doors and frames, etc.

4. SUBMITTALS:

The Contractor shall provide the Contracting Officer with signed and fully executed originals of all hazardous waste profiles, test results, hazardous waste manifests and/or other shipping papers, electric lamp disposal documents and all other required documentation. Maximum payment retention shall be withheld until this documentation is received.

SECTION 01 66 16  
SAFETY DATA SHEETS AND HANDLING PROCEDURES

1. DATA SHEETS: Submit a Safety Data Sheet (SDS) for all materials containing hazardous substances required for contract execution. Information provided in SDS's shall meet the requirements of 29 CFR 1910.1200. MSDS's require Contracting Officer review and acceptance prior to bringing these materials on site.

2. MATERIAL STORAGE: Limit the quantity of these materials stored on site to the amount needed for execution of work. Storage of excess materials will not be permitted. Assure that the storage of these materials comply with all applicable federal, state, and local laws and regulations and provide additional storage facilities (paint lockers, etc.) as required for the storage of such materials. Coordinate the physical location of storage areas with the On-site Representative prior to bringing these materials on site.
3. PROTECTIVE MEASURES: The contractor shall take all protective measures outlined on the MSDS's and as required by federal, state, and local regulations to protect all personnel in the vicinity of the work area from exposure to these materials. The Contractor shall include any required protective measures in the Safety Plan (See Section 01 35 29, "Safety Program"). The Contracting Officer's Representative shall review protective measures prior to allowing use of these materials.
4. DISPOSAL OF EXCESS MATERIAL: The Contractor shall dispose of all excess hazardous materials as required by the MSDS and all applicable federal, state, and local laws and regulations.

SECTION 01 74 00  
GENERAL CLEANUP AND SITE RESTORATION OF WORK AREAS

1. GENERAL:

The Contractor shall remove and properly dispose of all trash and debris incidental to the contract work from the limits of government property, as well as all adjacent affected areas. The area shall be cleaned and secured at the end of each work day. All trash and debris must be containerized immediately. No loose debris will be allowed.

2. WORK AREA CLEANUP:

At the end of each day the entire work area and all adjacent affected areas shall be thoroughly cleaned by removing all trash, debris, dust, etc. caused by the contract work. Any floor, wall or ceiling surfaces that may have been stained or soiled by the contract work shall be restored to pre-construction condition.

3. SITE RESTORATION: If at any time while performing the contract the Contractor causes damage or destruction to any portion of any Government facility or grounds; e.g., bulkheads, pavement, lawns, shrubbery, etc., it shall be the Contractor's responsibility to replace and/or restore the damage as approved by the Contracting Officer's Representative at no additional cost to the Government.

4. POST CONSTRUCTION CLEANUP: Upon completion of the job, the Contractor shall clean up the job site, returning it to a state of cleanliness equal to or exceeding that in which it was found. The Contractor shall properly dispose of any trash, extra materials, dirt, debris, or other litter that remains. If the job site appearance is not to the satisfaction of the Contracting Officer's Representative, final acceptance will not be approved.

SECTION 01 78 00  
AS BUILT DRAWINGS

1. GENERAL: Maintain one full size set of contract drawings to record variations from the original design. **All deviations shall be neatly and clearly marked in RED** on these drawings to show work and/or materials actually provided. As Built drawings shall be **updated** as work progresses and kept at the work site for the duration of the contract. These drawings shall be available for Contracting Officer Representative review upon request.
2. DISCOVERED UTILITIES: Indicate the exact location of any **underground utility lines discovered in the course of the work** on the As-Built drawings.
3. PERMITTED VARIATIONS: As Built drawings shall reflect the actual construction and materials provided when alternative materials or work methods are allowed in the specifications and/or drawings or if the scope is altered by award of bid items, subsequent changes or modifications.
4. STANDARDS: Variations shown on As Built drawings shall be neat, clear and conform with standard drafting practices. Mark-ups shall include supplementary notes, legends, and details necessary to convey the exact representation of construction actually provided. **To comply with Computer Assisted Design (CAD) practices, only full size AS BUILT drawings are acceptable.**
5. SUBMITTAL: Submit As Built drawings for Contracting Officer acceptance upon completion of the contract. **Final payment will not be until all required As-Built drawings are accepted.** Maximum retention shall be withheld for late or incomplete As Built drawings.

SECTION 01 80 00  
FACILITY PREVENTATIVE MAINTENANCE PROGRAM (FPMP)

1. GENERAL: The intent of this section is for the Contractor to complete the Equipment Enrollment Form (EEF) spreadsheet for systems that have been installed or demolished under this project and are listed in the USCG Approved Equipment Enrollment Catalog. Both the USCG Approved Equipment Enrollment Catalog and Equipment Enrollment Form (EEF) are provided as Reference Documents in the solicitation.

At a minimum, the following items require UNIFORMAT II Level 4 designations if the components are used in the contract.

a. None

2. REFERENCES: The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

ASTM E 1557            Standard Classification for Building Elements and Related Sitework – UNIFORMAT II

3. SUBMITTALS: Submit hard copy prints and electronic MS-Excel files of Equipment Enrollment Form (EEF) for Contracting Officer acceptance upon completion of the contract for each Real Property asset that has equipment to be enrolled as part of the FPMP.

3.1 Equipment Enrollment Form (EEF) Requirements:

3.1.1 Form Fields: The following fields are listed on the form and shall be completely filled out except where otherwise noted on the Equipment Enrollment Form. The actual equipment attribute list below may change slightly prior to the actual start of this enrollment task.

- a. UNIFORMAT II Level IV Classification
- b. Component Type (Assigned from USCG Approved Equipment Enrollment Catalog (column D))
- c. Physical Location, broken down by Floor, and Room #.
- d. Manufacturer Name
- e. Model Number
- f. Serial #
- g. Installation Date
- h. Purchase Price (Cost of equipment, labor, shipping)
- i. Replacement Costs (Cost of equipment only)
- j. Warranty Expiration Date
- k. Equipment Attributes (Name Plate information typically indicating Size, Flow, Volume, l. Pressure, etc.)

3.1.2 Only equipment from a single building and/or structure is allowed per Equipment Enrollment Form (EEF).

3.1.3 Equipment identified for maintenance by O&M manuals but not listed in the USCG Approved Equipment Enrollment Catalog shall also be cataloged per ASTM E 1557 and listed on the Equipment Enrollment Form. If the equipment is not listed in ASTM E1557, consult the Coast Guard for the proper naming convention.



**CONTRACT ITEM ACCEPTANCE REQUEST**

**Contract Number: HSCG83-**

**DO/TO: HSCG83-**

**Contract Specialist:**

**Project Number:**

**Contractor Name:**

**URGENT YES NO (if yes) CONTRACTOR FAX #: \_\_\_\_\_**

**Submittal # \_\_\_\_\_ Job Location: \_\_\_\_\_**

**NOTE: Contractor must mark Deviation column if submittal deviates from contract requirements**

<b>Item No.</b>	<b>Spec Section and Paragraph</b>	<b>Description of Material Include Type, Model #, Manufacturer, Etc.</b>	<b>Deviation</b>	<b>Status</b>

**STATUS ABBREVIATION GUIDE:**

AC - Accepted

AC w/ CMT - Accepted with Comment

R-Resubmit

**Comments:**

Typed Name & Title	Signature	Date
--------------------	-----------	------

**NOTE:** Review and acceptance of submittals by the Government is intended to verify general conformance with the design intent as shown on the contract drawings and in the specifications. Acceptance by the Contracting Officer Technical Representative does not relieve the Contractor of responsibility for any errors and/or omissions in the submittals, nor from the responsibility for complying with the requirements of the contract, except with respect to variations described and approved in accordance with FAR 52.243-4 CHANGES.

DIVISION 02 00 00  
EXISTING CONDITIONS

SECTION 02 41 13  
DEMOLITION AND REMOVAL  
PART-1 GENERAL

1.1 References:

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

ANSI A10.6                                      Demolition Operations

1.2 Submittals:

1.2.1 SD-01, Preconstruction Submittals: Provide photographs and GPS coordinates of the timber piles for ANT Fort Macon day-beacons and lights prior to their removal. Provide photographs and GPS coordinates for any additional unmarked piles outlined in Work Item 1. Provide a demolition plan for the removal of the structures.

1.2.2 SD-01, Preconstruction Submittals: Provide a demolition plan for the removal of the timber piles and demolition and removal of the steel pipe pile structures. Marine equipment intended for the removals shall be included in the plan. Provide a demolition plan for the removal of the structures.

1.2 General Requirements: Do not begin demolition until authorization is received from the Contracting Officer. Remove rubbish and debris from the project site; do not allow accumulations.

1.3 Regulatory And Safety Requirements:

1.3.1 Comply with federal, state, and local hauling and disposal regulations. Safety requirements shall also conform to ANSI A10.6.

PART-2 PRODUCTS

Not used.

PART-3 EXECUTION

3.1 Demolition:

3.1.1 Removal Equipment: The contractor shall provide the barges and marine equipment necessary for the removal of the timber day-beacons and light structures. The timber piles are located in shallow water and shallow draft barges and equipment will be required for their removal. The steel pipe-pile structures are located in approximately 4 to 5 feet of water and larger marine equipment will be required for their removal.

3.1.2 Timber Pile Removals: Timber piles shall be extracted in their entirety or may be cut off 2 feet below the mud-line. Piles shall be removed from site and disposed of properly. Remove aids to navigation equipment prior to demolition. Aids to navigation shall be delivered to ANT Fort Macon.

3.1.3 Steel Pipe-Pile Demolition: Remove the existing platforms and cut off ladders as required for the removal of the structures. Remove aids to navigation equipment prior to demolition. Aids to navigation shall be delivered to ANT Wanchese. Extract piles in their entirety and remove from the site. All removed items shall be disposed of properly. Steel shall be scrapped at a State of North Carolina approved scrap facility.

3.2 Cleanup:

3.2.1 Debris and Rubbish: Remove all debris from the site. Overland hauling of debris and rubbish shall be performed in a manner that will prevent spillage on streets or adjacent areas. All items removed shall not be disposed of in the water

-- End of Section 02 41 13--