



**DEPARTMENT OF HOMELAND SECURITY  
UNITED STATES COAST GUARD**

**BASE MIAMI BEACH**

**SPECIFICATIONS**

**FOR**

**Repair Bldg. 3 Cooling Tower**

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**General:** United States Coast Guard Base Miami Beach is accepting proposals for qualified individuals or firms to repair the Bldg. 3 Cooling Tower at Base Miami Beach. Prior to submitting a quote, it is mandatory to examine the scope of work and it's highly encouraged to visit the facility to take field measurements, evaluations, etc., and become familiar with existing conditions under which the work will be performed. After the award of contract, a pre

conference will be held prior to starting the work at Coast Guard Base Miami Beach

**Location:**

**Examination of Site:** It is HIGHLY ENCOURAGED that bidders carefully inspect the work in place and verify the amount of work necessary to complete the job. Prospective bidders arrange for a tour of the job site by calling the point of contact,XXX at least 3 working days in advance.

**I. Continuity of Facilities Operation:** Schedule work to minimize interference with the facility's normal operations. Normal operating hours are from 6:30am to 4:00pm Monday thru Friday except federal holidays. Any work during other hours shall be requested in writing atleast 5 working days in advance and must be approved by the Contracting Officer.

**II. Notification of Start and Completion of Work:** The Contractor shall notify Coast Guard one week prior to start of work.

**III. Coast Guard Contracting Officers Representative:** The Contractor shall contact the Contracting Officer's Representative (COR) to coordinate all construction efforts onboard Coast Guard Facilities.

XXX

**IV: Recycling and Disposal of Refuse:** Minor refuse, excess or waste materials resulting from construction operations may be disposed of in base dumpsters. All disposals shall be done in accordance with federal, state, and local laws and regulations. All bulk waste shall be disposed of in contractor provided dumpsters

**V: Safety:** During the execution of this contract, the Contractor shall conform to the rules and regulations as set forth by OSHA Safety and Health Standards, 29 CFR Part 1926 - Safety and Health Regulations for Construction. The contractor shall have a written safety plan as required in FAR 5.236-13. The plan shall unequivocally assign responsibility and authority for safety to the superintendent by name. Immediate notification to the Contracting Officer's Representative of lost time due to accidents is required. Provide two copies of workman's compensation accident reports by noon of the day following the accident. The Coast Guard reserves the right to bar any workers or supervisors from the premises should they be documented as violating set safety standards and regulations.

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**VI. Inspection:** The Contracting Officer's Representative has the right to reject defective workmanship or materials or work not performed as per the project specifications. Only the Contracting Officer or his/her representative may accept work performed by the contractor.

**VII. Operations and Storage:** The contractor is to take whatever steps necessary to ensure that his materials are protected. The Coast Guard has no responsibility for receipt, storage, or protection of contractor's materials. All equipment, materials and supplies shall be addressed to

the contractor. **The Coast Guard will not accept shipments.** The contractor is responsible for the protection of existing structures, utilities, work and vegetation. Any damage shall be repaired at the contractor's expense.

**VIII. Contractor Identification:** The contractor and subcontractor personnel shall, at all times, wear company identification and carry personal identification.

**IX. Existing Utilities:** The Contractor shall field verify all utility locations before commencing work. This shall include, but not be limited to, the use of visual, sonic, electronic or magnetic detection devices. Contractor shall be responsible for repairing any utilities damaged during construction at no additional cost to the Government.

**X: Regulations while onboard Coast Guard Base Miami Beach:**

1. Daily colors and the raising/lowering of the American flag will take place every morning at 0800 and every evening at sunset. All personnel on Base will face the main flag pole & maintain silence and all vehicles & equipment will halt during these brief events.
2. The construction site shall be maintained in a clean condition at all times. This included daily clean-ups of the construction and storage areas (FAR 52.236-12). The site shall be well lit and well barricaded/cordoned off as appropriate.
3. Contractors are welcome to eat breakfast & lunch on Base in the base galley at cost. Breakfast is served from 0630-0730 daily & lunch will be served from 1130-1230 daily in the galley. All personnel desiring meal service shall be in clean, non-soiled clothing. The Coast guard reserves the right to refuse service to anyone it deems dirty.
4. There are two smoking areas on base, one in the central northern parking lot covered by the tiki hut & one in the NW corner of the southern larger parking lot. No smoking is permitted anywhere else on base.
5. Contractors are welcome to utilize the Base's Exchange store; however, contracted personnel are prohibited from purchasing any uniform, alcohol or tobacco products in it.
6. Traffic Regulations:
  - a) 10 mph speed limit
  - b) No use of cell phones is permitted while driving vehicles or operating heavy machinery
  - c) All personnel shall obey all marked traffic signals including stop signs & stop lights.
7. Absolutely no firearms or weapons of any kind are allowed onboard Base Miami Beach.
8. Only American citizens and permanent resident aliens are allowed onboard Base Miami Beach Facilities. Absolutely no foreign nationals are permitted on the premises.
9. Notice shall be given to the Coast Guard's representative 1 week in advance of any planned power, water, sewage or lighting outages.

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10. The contractor shall provide a consolidated list of all contracted personnel including their drivers license numbers (or other valid gov't issued ID number) who will be working on Base Miami Beach Facilities either the day of or prior to the notice to proceed date.
11. Contractors are welcome to utilize the restrooms on the 1<sup>st</sup> decks of Buildings 3, 4, and 7 providing they are clean and do not track mud, dirt or any other debris into the restrooms.

12. Should warnings of gale force or stronger winds, or other inbound natural disasters be issued, the contractor shall take every practicable precaution to minimize the danger to persons, to the work, and the adjacent property. These precautions shall include closing all openings, removing all loose materials, tools and equipment from exposed locations, and removing or securing scaffolding, securing field trailers, and other appropriate equipment and other temporary work.
13. No personnel other than the Contracting Officer has the authority to alter the terms of any contract or to issue any change orders.
14. All contractor vehicles, equipment and gear onboard Coast Guard properties are subject to search at all times. Additionally, at all times, due to security and operational needs, the contractors is subject to orders to evacuate the property at any time.
15. Due to the compact & dense nature of operations & support functions ongoing on board Base Miami Beach all efforts within reason to minimize the size and footprint of the contractor's lay down area shall be taken. Contractors shall carpool as much as possible to minimize the number of vehicles needing parking on Base. At a minimum, the ratio of contractors to contractor vehicles shall be no less than 2:1.
16. All piers and waterfront bulkheads on base Miami Beach are load restricted in some form. If contractors need to bring heavy equipment (cranes, forklifts, 18 wheelers, man lifts, construction equipment, backhoes, excavators or other equipment heavier than standard sedans) closer than 40' to any pier or waterfront bulkhead on Base to complete their project, the contractor shall submit a request for information (RFI) to the COR at least 1 week in advance.
17. The entrance bridge to Base Miami Beach is an HS20-44 rated bridge. Contractor cannot exceed this rating. If the combined vehicle, trailer, and payload weight is over 50,000 lbs the contractor shall submit an RFI to the COR at least 1 week in advance.

**XI: SCOPE OF WORK:** Contractor shall provide all labor, materials, and equipment necessary to complete the following unless noted below:

1. Below work will be completed onboard Causeway Island.
  2. Contractor shall provide ALL labor and materials necessary to complete the project.
  3. Contractor shall comply with submittal requirements detailed below.
  4. Contractor shall secure the water and electric by way of isolation valves, complete water shutoff and lock out/tag out methods to the Cooling Tower. **SEE FIGURE 1.**
  5. Chilling tower shall not be inoperable for greater than 24hrs. If greater than 24 hrs. Contractor must obtain approval from Contracting Officers Representative.
  6. Contractor shall remove existing gear box from the motor and replace it with a new gear box.
  7. Contractor shall remove shall remove existing coupler and replace it with a new coupler.
  8. Contractor shall install a new cooling tower motor. (MOTOR SHALL BE PROVIDED BY THE USCG).
  9. Contractor shall re-install the damaged/missing fan blade. **SEE FIGURE 2.**
  10. Contractor shall rebuild existing gear box and return it to the USCG.
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11. Contractor shall reconnect all power to the cooling tower and remove the lockout/tag out and re-energize water supply to the tower.
  12. Contractor shall perform a Hydro test on the cooling tower. USCG personnel shall be

- present while test is performed.
13. Contractor shall ensure that the cooling tower operates in a smooth efficient manner and has no leaks present and motor and controller are operating properly as designed, efficiently, and as designed.
  14. All installations shall be completed in accordance with any and all applicable manufacturer's instructions and/or recommendations.
  15. Contractor shall provide operations and maintenance training on the replacement system to include controls to Facilities Engineering staff.
  16. Contractor shall protect all equipment and merchandise in work locations.
  17. Contractor shall be responsible for the removal of all trash and debris from project area upon completion.
  18. All work must be approved by the Contracting Officer's Representative.

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**FIGUER 2**

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