

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE	OF PAGES
2. AMENDMENT/MODIFICATION NO. 0004			3. EFFECTIVE DATE 24 March 2011	4 REQUISITION/PURCHASE REQ NO. N/A	PROJECT NO. (If applicable)
6. ISSUED BY Contracting Division USCG, Facilities Design & Construction Center 5505 Robin Hood Road, Suite K Norfolk, VA 23513-2431			7. ADMINISTERED BY (If other than item 6.)		N/A
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)			<input checked="" type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO. HSCG47-09-R-3EFK03/X0007	
			<input checked="" type="checkbox"/>	9B. DATED (SEE ITEM 11) 23 February 2011	
			<input type="checkbox"/>	10A. MODIFICATION OF CONTRACT/ORDER NO.	
				10B. DATED (SEE ITEM 13)	
CODE	FACILITY CODE		11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS		
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input checked="" type="checkbox"/> is extended <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning 1 copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (if required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
<input type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14. ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATION CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103 (b).				
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
<input type="checkbox"/>	D. OTHER: (specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return ___ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)					
DESIGN/BUILD FOR RELOCATION OF SECTOR BUILDING, U. S. COAST GUARD SECTOR HOUSTON-GALVESTON, HOUSTON, TX					
1. The Price Proposal due date is changed from Friday, April 15, 2011 to Monday, April 18, 2011 . The Oral Presentation dates remain unchanged.					
2. Attached is the attendance log for the organized site visit held on March 16, 2011.					
(SEE CONTINUATION PAGE)					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
15B. CONTRACTOR/OFFEROR (Same as Item 8)		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____		16C. DATE SIGNED
(Signature of person authorized to sign)			(Signature of Contracting Officer)		

AMEND SOLICITATION NO. HSCG47-09-R-3EFK03/X0007 AS FOLLOWS:

General Requirements

Time of Completion (from Amendment 0002)

DELETE paragraph included in Amendment 0002 and **INSERT** the following:

“The new Sector Houston/Galveston facility at Ellington Field shall be complete within 602 calendar days after award of the Task Order. The demolition and new site work at the existing facilities at Galena Park shall be completed within 799 calendar days after award of the Task Order. Separate contract completion dates will be established for the two project phases. The Contractor shall allow 120 calendar days between the substantial completion and building occupancy of the Ellington Field facilities before demolishing the Galena Park Command Building and the Rescue 21 hut to allow time for the Coast Guard to relocate all Coast Guard-owned telecoms equipment to the new Sector facility. This is to allow the smooth transition of the VTS, Command Center, Operations Center and Rescue 21 functions of the sector. Uninterrupted Utilities (water, data, telephone, electricity, etc.), parking (~24 spaces) and access to the Command Building and Rescue 21 hut must be maintained during the 120 calendar day window. The contractor may design/demolish the remaining parts of the Galena park site as per RFP Specifications and Drawings. Please note that there are 3 personnel in the waterways modular trailer that must have office space provided at Galena Park during the 120 day window (i.e. the waterways modular can be left in place or the personnel can be transferred to the vacated office space in the Command Building). Please be aware that the Contractor shall not demolish any Galena Park telecommunication infrastructure until the Sector has moved their command and control functions (VTS, Comms Center, Ops Center and R21) to the new facilities at Ellington Field. The Coast Guard will be responsible for ensuring all telecommunications circuits are either turned off or relocated within the 120 calendar day window after completion of the work at Ellington Field.”

Specification: 08-3047134

Section 00102

1.2 RFP Drawings

Drawing C201

Add the following to the water system design:

“Approximately 1500 linear feet of 8 inch waterline shall be provided to facilitate a looped system around the building. Within the looped system, at a minimum three (3) fire hydrants shall be provided at appropriate locations in order to provide adequate fire coverage for the proposed buildings and all of its facilities.”

Drawing A101C

Change the note on the Floor Plan regarding unobstructed clear vertical height to read:

“THESE AREAS REQUIRE A CLEAR UNOBSTRUCTED VERTICAL HEIGHT OF 12FT. NO BUILDING COMPONENTS (STRUCTURE, EQUIPMENT, DUCTWORK, LIGHTS, CONDUIT, ETC.) SHALL EXTEND BELOW 12FEET ABOVE FINISH FLOOR.”

Add the following Door Marks:

“Overhead Exterior door shall be D4
Exterior door adjacent to Overhead Door D4 shall be D2F
Exterior Doors from EM/MK SHOP shall be double D2F 8ft high
Exterior Doors from DC SHOP shall be double D2F 8ft high
Interior Doors from EM/MK SHOP into space 1C23 shall be double D2M 8ft high
Interior Doors at the west end of Space 1C23 shall be 8ft high
Doors D2M from DC SHOP into space 1C19 shall all be 8ft high
Gates into Holding Cages shall be 4ft wide and 8ft high”

Drawing A102A

Add the following note:

“THE RAISED ACCESS FLOORING SHALL ALSO EXTEND INTO SPACE 2A16”

Drawing A601

Change the Remarks note #19 to read:

“PROVIDE A CLEAR UNOBSTRUCTED VERTICAL HEIGHT OF 12FT. NO BUILDING COMPONENTS (STRUCTURE, DUCTWORK, LIGHTS, CONDUIT, ETC.) SHALL EXTEND BELOW 12FEET ABOVE FINISH FLOOR.”

Drawing C101 and C102 – Station Houston Phase 2 Work at Galena Park

Delete drawings C101 and C102 dated March 2011 and **substitute** new drawings C101 and C102 dated 03-23-2011.

Section 01158

1.4 CIVIL AND SITEWORK DESIGN

1.4.2 Site Planning

1.4.2.1

Add the following at the end of the paragraph:

“The D/B team shall provide sufficient access for an AASHTO 2004 WB-62 design vehicle to the main site entrances and loading dock area. Provide sufficient ingress/egress for an AASHTO WB-50 design vehicle to the parking lot and access drive adjacent to the west side of the facility.”

1.4.2.3 **Change:** “sixty (60) foot semi trucks” **to read:** “AASHTO 2004 WB-62 vehicle.”

1.4.4 Water System

Change: “6 inch for domestic and fire lines, the size” **to read:** “at a minimum 8-inches in size, with the anticipated pressure, available flow rate, and size”

1.4.7 Concrete Pavement and Sidewalks

Delete the existing paragraph and **Insert** the following:

“1.4.7 Pavement - Materials and methods shall be in accordance with the Texas Department of Transportation and coordinated with the Final Geotechnical report design suggestions. Contractor shall base pavement design for roadways and parking areas on the lowest CBR value taken from two separate proposed on site test locations. Design shall reflect an equivalent pavement section as stated below. All on-site pavement may be either (reinforced) concrete or asphalt pavement, unless stated otherwise. All proposed asphalt pavement shall be designed to have a cross slope of a minimum of 1/4-inch per foot slope and all asphalt parking areas shall have minimum 1/4-inch per foot slope either longitudinally or cross slope. All concrete pavements shall have a minimum design slope of 0.50% longitudinally.

1.4.7.1 Rigid (Reinforced Concrete) Pavement – All concrete pavement shall be constructed with steel reinforcing. The minimum standard concrete pavement section for areas subject to passenger vehicular traffic is five (5) inches with compacted 6.0” Lime-Treated Subgrade. The minimum heavy duty concrete pavement section for areas subject to heavy loading vehicular loading is seven (7) inches with compacted 6.0” Lime-Treated Subgrade.

1.4.7.2 Flexible (Asphalt) Pavement - The minimum standard asphalt pavement for areas subject to passenger vehicular traffic is 2.5” of Hot Mixed Asphaltic Concrete, 8.0” of Crushed Limestone Base Material, compacted 6.0” Lime-Treated Subgrade or 6.0” compacted Subgrade with reinforced geogrid. The minimum heavy duty asphalt pavement section for areas subject to heavy vehicular loading is 3.5” of Hot Mixed Asphaltic Concrete, 10.0” of Crushed Limestone Base Material, compacted 6.0” Lime-Treated Subgrade or 6.0” compacted Subgrade with reinforced geogrid.

1.4.7.3 Pervious Pavement - Pervious pavement is acceptable in parking areas only. If proposed, the Contractor will be required to perform infiltration tests to determine if the use of pervious pavement is feasible and submit a stormwater management plan to comply with city, state and federal regulations.”

1.4.8 Asphalt Concrete Roadways and Parking Areas

Delete the existing paragraph and **Insert** the following:

“1.4.8 Non-Parking Pavements – Concrete sidewalks shall be a minimum of four (4) inches thick with compacted Subgrade and 3000 PSI compressive strength. Dumpster pads shall be constructed of reinforced concrete pavement minimum seven (7) inches thick with compacted 6.0" Lime-Treated Subgrade.

1.4.8.1 Truck Loading Pavement - Pavement areas frequently utilized for truck access, loading, unloading, maneuvering, parking, and deliveries shall only be constructed of the heavy duty reinforced concrete in section 1.4.7.1. Areas identified for truck loading are the entrance road (entire section) off of Hillard Street, all entrance gate lanes, turn around lane, western most drive aisle, loading dock and surrounding maneuvering area, and the secondary entrance/exit to the future Beltway Connector.”

1.8 STRUCTURAL DESIGN

1.8.3 Communications Tower

1.8.3.1 In the first sentence, **Change** “four-sided” **to read** “three or four sided”.

1.11 PLUMBING

1.11.3 Plumbing Equipment & Miscellaneous Specialties

1.11.3.2 Water Closets **Add:** “battery-operated” before “flush valve.”

1.11.3.4 Flush Valve Urinals

Change: “hard-wired electronic sensor activated flush valve” **to read:** “battery-operated electronic sensor activated flush valve.”

Add the following paragraph:

“1.11.3.16 Dental: - Provide piping and valving, listed for the intended use, to provide water, breathing air, dental vacuum, and medical gas systems. The piping shall be installed below the floor leading from the base of the dental chair to the Dental Pump Room housing the vacuum pump and breathable air compressor. Provide a listed breathable air compressor and dental vacuum pump systems.”

1.11.4 Plumbing Piping

1.11.4.4 Medical Gas Piping:

Add the following at the end of the paragraph:

“Medical air, oxygen and vacuum are required in the Emergency Room 2B54. Provide vacuum and compressed air only to all Dental Operatories, spaces 2B22, 2B23, 2B24 and 2b25.”

1.12 HEATING, VENTILATING AND AIR-CONDITIONING (HVAC)

1.12.1.2 Interior Design Temperatures

Add the following information regarding loads from IT/Data/Server equipment.

“1000W/Rack (*)	6 Racks 16 Racks	Server Room VTC Equipment Room
300W/Rack (*)	5 Racks 14 Racks	Floor-serving Telecommunications Rooms (1 thru 4) Secure Command Center Equipment Room
3420W/Rack	6 Racks	R-21
1000W/Rack	8 Racks	SIPRNET
300W/Rack	5 Racks	TELCO Entrance Facility

(*) Load undetermined at this time, but Contractor may estimate load based on rack receptacle size.”

1.12.3 HVAC System Components

1.12.3.7 HVAC Security requirements:

In the Ductwork Security Barriers paragraph, **Change:** “100 square inches” **to read:** “90 square inches.”

1.12.3.16 DC Shop Exhaust System:

Add the following at the end of the paragraph: “Design shall be base on four of the extraction points being operated at one time.”

1.13 ELECTRICAL

1.13.2 Interior Electrical Systems

1.13.2.5 Wiring methods: Item 3)

Change “above suspended ceilings” **to read:** “above suspended lay-in tile ceilings”

1.13.2.6 Receptacles and Equipment Connections:

1.13.2.6.1. p.

Change “Space Criteria Sheets” **to read:** “the Outfitting Drawings and Appendix A”

1.13.2.6.1

Add the following paragraph:

“z. Gas Meter Calibration Station: Provide a minimum ten (10) GFCI electrical convenience outlets equally spaced along the entire length of the counter for portable equipment provided by others.”

1.14 TELECOMMUNICATIONS

Change the text in amendment 0002 that reads:

“At the completion of the Coast Guard’s transition of all sector functions from the Galena Park to Ellington field the Contractor shall remove all unused outside plant cable (both fiber optic and copper) from the Galena Park conduit system where practical once the Coast Guard has moved all telecommunication infrastructure from Galena Park to Ellington Field.”

To read:

“At the completion of the Coast Guard’s transition of all sector functions from the Galena Park to Ellington field the Contractor shall remove all unused outside plant cable installed in conduit (both fiber optic and copper) from the Galena Park site once the Coast Guard has moved all telecommunication infrastructure from Galena Park to Ellington Field.”

1.14.5 Horizontal Cabling

1.14.5.4 Workstation Outlets

Add the following paragraph:

“1.14.5.4.2.15 For Medical Dental Spaces provide the following:

In Single Office spaces, Laboratories and Exam rooms provide 2 quadruplex outlets on opposite walls. In Storage Rooms provide 1 quadruplex outlet. In Open Office 2B60 provide 1 quadruplex outlet every 8FT along long wall. Feed systems furniture, which does not abut a wall, through power poles from ceiling. In Dental operatories provide 1 Duplex floor outlet mounted at chair location (2B37, 2B22, 2B23, 2B24, 2B25).”

Section 01159

1.9 DEMOLITION

1.9.5 Disposition of Materials

Add the following text at the end of the paragraph:

“All existing furniture and equipment shall be disposed of with the exception of ‘existing relocated’ fitness equipment identified in Appendix A of Section 01158. HAZMAT materials stored in concrete structure in the northwest corner of the site will be removed by the Government prior to demolition.”

Section 01160

1.5 CONSTRUCTION DESIGN DRAWINGS

Delete the existing two paragraphs and **Insert** the following:

“Construction Design Drawings shall meet the applicable drawing standards contained in ***Appendix L -Criteria for Computer Generated Drawings***. Electronic files (“dwg” and “pdf”) shall meet the requirements of ***Appendix M -Criteria for Electronic Deliverables***. Copies of those documents will be provided to the Contractor.

USCG Civil Engineering Units and FDCC use AutoCAD 2009 software to develop 2D design and construction drawings. Contractor produced design and construction drawings may be prepared in ArchiCad 12 or Revit. If either ArchiCad or Revit are used to produce design or construction drawings, interim progress submittals must include editable 2D DWG AutoCAD 2009 electronic files for site plans and floor plans. These site and floor plans may be used by FDCC for developing other plans for furnishings and equipment. At all submittals, drawings, specifications, calculations and data shall be supplied in Adobe “pdf” format.

All As-built drawing files shall be 2D DWG files editable by AutoCAD 2009. Each As-built CAD drawing shall be a separate “dwg” file using the FDCC titleblock; multiple sheets may not be combined into one file.

A CD (compact disk) containing electronic files of the RFP Drawings, Appendix L –Criteria for Computer Generated Drawings, Appendix M -Criteria for Electronic Deliverables, RFP Specifications, Reference Drawings, Subsurface Data and other data as listed in Section 00102 List of Documents, Exhibits and Attachments will be provided to the Contractor for use in preparing the Contractor-produced Construction Design Documents.”

The following questions were received in response to the solicitation:

1. Kleinfelder Permit and Approval Survey, dated August 13, 2010: Are the Water and Wastewater Impact Fees totaling \$40,083.50 to be paid by the Contractor?

Response: The Contractor is responsible for identifying and obtaining all required permits (see Section 01158 1.3.1), which includes payment of fees. The Permit and Approval Survey was provided as bidder information only and may not be a complete list of required permits and necessary approvals, and the fees may not be accurate.

2. Will pervious pavers be permissible for any of the parking spaces or hardscape if required to achieve LEED points?

Response: Yes.

3. RFP Drawing C-201 does not indicate any required site fire hydrants or the associated piping for fire hydrants. Will the site fire protection design require a “looped system” or will dead-end fire lines be acceptable? Please provide site fire protection requirements.

Response: See change to Drawing C201 above under Section 00102.

4. Are flow tests / pressures available for the existing utilities at the site, i.e., water and gas?

Response: See Amendment 0003 pertaining to paragraph 1.10.3 of Section 01158.

5. Specification Section 01158, 1.4.4 Water System states that a 6" line is anticipated for domestic and fire lines. It is standard to supply site fire protection (i.e., Fire Hydrants) with an 8" line to achieve required pressures if the line exceeds 50'-0" in length. Please provide the information used to determine that a 6" line is anticipated.

Response: See amended Specification Section 01158, paragraph 1.4.4 above.

6. Specification Section 01158, 1.4.8 states that the minimum slope for asphalt is 1.5%, and 1.4.7 states a minimum slope of 0.5% for concrete pavement and sidewalks. Please confirm if these minimum slopes are required in all directions (both longitudinally and cross slope), or if intended to be in one direction.

Response: See amended Specification Section 01158, paragraph 1.4.8 above.

7. Please clarify the size, type, and weight of emergency vehicles referenced in Specification Section 01158, 1.4.2.5 and 1.4.2.8.

Response: The largest emergency vehicle would be a City of Houston Fire Truck. Pavement design requirements are covered by RFP Specifications and amended Specification Section 01158, paragraphs 1.4.7 and 1.4.8 above.

8. Specification Section 01158, 1.4.7 Concrete Pavement and Sidewalks states a minimum 6" concrete thickness for passenger traffic and 8" for heavy vehicular traffic. The geotechnical report Section 5.3 Pavement Sections allows a 5" concrete thickness for light duty and 7" for heavy duty. Please clarify the minimum concrete pavement thickness requirements. Please clarify minimum sidewalk thickness and strength.

Response: See amended Specification Section 01158, paragraph 1.4.7 above.

9. Specification Section 01158, 1.4.4 Water System states that a tapping valve and sleeve shall be provided at Aerospace Avenue. Will the tapping valve and sleeve be provided by others or by the Contractor? If provided by others, will the Contractor be responsible for associated costs? Please provide contact information for the company or entity providing the tapping valve and sleeve.

Response: The Contractor is responsible for all costs pertaining to the water utility service. See Section 01110 paragraph 1.3 ("..pay all fees, charges, and costs of any nature associated with establishing services").

10. Is there a master stormwater permit in effect for the site?

Response: No.

11. Specification Section 01158, 1.8.1.1 states that the building shall be classified as an Occupancy Category IV Facility per International Building Code (IBC). As this is not a DOD project, is it acceptable to use Occupancy Category II for progressive collapse (UFC 4-023-03) requirements only? Occupancy Category IV will still be used for wind and seismic loads per RFP and IBC. For progressive collapse requirements, the latest edition of UFC is UFC 4-023-03 (dated 14 July 2009, including change 1 – 27 January 2010). The current UFC 4-23-03 progressive collapse requirements are no longer based on Level Of Protection (LOP). They are now strictly based on occupancy categories. Occupancy Category IV will require the structure to be designed for severe requirements for progressive collapse including designing for “Alternate Load Path.” This will have a significant impact on cost.

Response: Refer to Amendment 0002 and response to this question.

12. RFP Drawing A101C: Between column lines C to D / 1 to 4, is the 14’ vertical clearance requirement to the bottom of structure, or to the bottom of all the utilities like the exhaust, dust collection system and lighting?

Response: The note uses “UNOBSTRUCTED”, which means no obstructions. See change to Drawing A101C above under Section 00102.

13. RFP Drawing A101C: Please indicate the type and quantity of material to be stored in Carpentry Storage 1C19 so we may determine the occupancy type and fire rating requirements for this space.

Response: Light wood framing materials (plywood, studs, etc.)

14. RFP Drawing A101D: What type and quantity of materials will be stored in Ammunitions Armory 1D54? Will explosion venting be required?

Response: All construction requirements for the Armory are provided in Section 01158, 1.7.24.1.

15. RFP Drawing A102A: A note at the top of the sheet indicates raised access floor from column line 2 to 4; however, the pattern extends into the bay between column lines 4 & 5 / B & C. Is raised access floor required as indicated by the pattern or the note?

Response: See change to Drawing A102A above under Section 00102.

16. Section 01158, 1.7.24.2.1: Please define “permanent in nature” for walls. Specification Section 01158, 1.7.24.2.3 requires 1-3/4” doors into these spaces with 12ga plate on them. Is a steel plate behind the drywall required at the Secure Controlled Spaces (SCS)?

Response: “Permanent in nature” is meant to exclude cubicle type partitions, and means basic construction like metal studs and drywall that extends full height from floor to underside of structure above to form a solid barrier. No, steel plate is not required behind drywall.

17. Specification Section 01158, 1.11.2.1 indicates that 0.5 gallon per flush urinals are to be provided. Is it acceptable to use .125 gallon per flush urinals in an effort to reduce water use to achieve LEED points?

Response: No, 0.125 gallon flush is not acceptable.

18. Specification Section 01158, 1.7.24.1.6 requires ducts, vents, or similar openings of 90 square inches or greater to have security bars. However, 1.12.3.7 requires security bar barriers for ductwork greater than 100 square inches at a maximum of 20 ft intervals along ductwork. Please confirm which requirement to follow.

Response: See amended Specification Section 01158, paragraph 1.12.3.7 above.

19. Is there a requirement for round/flat oval duct to be used in lieu of rectangular on the medium pressure (aka primary air) duct system?

Response: No.

20. Specification Section 01158, 1.12.3.5 states, 76 degrees F as the set point for Kitchen area. This temperature is colder than traditionally expected for a commercial kitchen. Would a design that provided 80 F maximum be acceptable?

Response: No.

21. Specification Section 01158, 1.12.3.7 A requires, "...3/4" dia. Steel bars welded to a 1-1/2"x1-1/2"x3/16" angle iron..." within ductwork. Is it an acceptable alternative to provide 9 gauge expanded steel mesh? Expanded steel mesh is listed in paragraph 3.3.4.1 of Director of Central Intelligence Directive No. 6/9.

Response: No.

22. Specification Section 01158, 1.12.2.1 states that select areas shall be provided with "independent HVAC". Does independent HVAC mean independently controlled (aka separate t-stat), or does it mean independent CHW air handler, and therefore not served by AHU's in the penthouse as the rest of the building is?

Response: Independent HVAC System" refers to a totally separate system from the main air handlers--for example, a separate, independent air handler, fan coil, exhaust, etc.

23. Specification Section 01158, 1.12.2.1 states that Kitchen, Fitness, Security, and other rooms shall have independent HVAC systems. Is the intent to have CHW air handler located in the penthouse and ducted down to these spaces? Is it acceptable to have above ceiling fan coil units to provide HVAC to the Kitchen, Fitness, and Security rooms? These fan coils above the ceiling would have auxiliary condensate pans to protect against condensate overflow.

Response: The intent is defined in the RFP. Configuration and location of systems is determined by Contractor.

24. Specification Section 01158, 1.12.2.1 states that Kitchen and Fitness shall have independent HVAC systems. Is it acceptable to have chilled water air handling units located on the low roof to serve each of these areas?

Response: The intent is defined in the RFP. Configuration and location of systems is determined by Contractor.

25. Specification Section 01158, 1.12.2.1 includes "Security rooms" among other miscellaneous areas to be provided with independent HVAC. Are the referenced "Security rooms" limited to the areas requiring secure ductwork barriers listed in 1.12.3.7? Will you provide a list of room name(s) and number(s) that comprise "Security rooms" as referenced in 1.12.2.1?

Response: The security rooms listed in paragraph 1.12.3.7A of the D/B RFP Specifications is correct, but should be reviewed and verified by the Contractor during design development.

26. Specification Section 01158, 1.12.3.9 covers Locker Room/Restroom Exhaust. Is it acceptable to use the exhaust in air-side energy recovery?

Response: Yes.

27. Specification Section 01158, 1.14.5.3.2 states that J-Hooks are an acceptable support device but 1.13.2.5 says "Install all wiring, including wiring for fire alarm, telecommunication...and other systems, in conduit...; 2) cable tray may be used as pathway telecommunication cable..." Are J-Hooks an acceptable pathway for telecommunication cable and other energy limited/low voltage systems (such as defined in 1.14.6.8)?

Response: Yes, J-hooks are allowed in low density areas for telecommunications cabling only.

28. Specification Section 01158, 1.14.5 does not define any outlets for the medical area. Is there a requirement for telephone and/or data outlets?

Response: See amended Specification Section 01158, paragraph 1.14.5.4.2.15 above.

29. Specification Section 01158, 1.10.1.1: Is it the intent to have the building fully detected with smoke detectors except in rooms where by function smoke detectors will not work therefore are heat detectors to be installed?

Response: Yes.

30. Specification Section 01158, 1.11.2.1 describes hand washing lavatories provided with battery operated sensor valves and 0.5 gallon per flush urinals. 1.11.3.4 states that flush valve urinals are to be hardwired. Please confirm that battery operated sensor valves are for the hand washing lavatories only, and that the flush valve urinals are to be hardwired, not battery operated.

Response: See amended Specification Section 01158, paragraphs 1.11.3.2 and 1.11.3.4 above.

31. Specification Section 01158, 1.13.2.5: Is MC cable allowed in walls and above non-accessible ceilings?

Response: MC cable is only allowed above "suspended" ceilings per 01158, 1.13.2.5; it is the intent to not allow MC cable in walls or above "non-accessible" ceilings.

32. RFP section 1.11.4.4 notes that Medical Gas Piping systems are required for the project, however medical gas types and outlet locations are not indicated anywhere in the documents. Please clarify which medical gas systems are required (e.g., medical air, nitrogen, oxygen, vacuum), and whether central system equipment is required for each system. Also, please indicate the locations where medical gas outlets of each type are to be located.

Response: See amended Specification Section 01158, paragraph 1.11.4.4 above.

33. Per RFP Drawing #A083047134A101C Spaces 1C20 & 1C21 require 14 ft unobstructed clear areas. Based on stair layouts the first floor to 2nd floor distance appears to 16'-0". The 2nd floor above these spaces also has a 6" recessed slab for the raised floor that leaves only 18" for floor support structure and no room for dust collection exhaust, welding fume exhaust and HVAC ductwork. Can the unobstructed distance be reduced to 12 ft or can the HVAC ductwork be installed within the 14 ft unobstructed space without raising the floor to floor height?

Response: The note uses "UNOBSTRUCTED", which means no obstructions. See change to drawing above under Section 00102. Stair layouts may require adjustment.

34. RFP Drawing A101D, column line C shows a callout for a Gas Meter Calibration Station in Corridor 1D12. Please clarify what type of gas meter calibration system is required and verify that the unit is in the proper location.

Response: The gas calibration units are plug-in type Government furnished portable equipment that will rest on the shelf while being charged. The gas calibration units are meters that are used to detect unsafe environments that our USCG inspectors often have to enter (confined spaces such as vessel ballast and cargo tanks, pump rooms, etc). Electrical outlets are required for the chargers to keep them charged. See amended Specification Section 01158, paragraph 1.13.2.6.1.z. above to clarify the number of electrical receptacles required.

35. The RFP does provide IT/Data/Server equipment loads to determine HVAC equipment. Please provide IT/Data/Server equipment loads in Watts/Rack.

Response: See amended Specification Section 01158, paragraph 1.12.1.2 above that addresses the loads.

36. Section 01158_1.1-3.14 Design Requirements Overview states to coordinate with Telephone utility provider. Please provide this contact as it is not indicated in the RFP.

Response: Contractor shall determine contact by contacting utility company.

37. Section 01158_1.1-3.14 Design Requirements Overview states to coordinate with CATV utility provider. Please provide this contact as it is not indicated in the RFP.

Response: Contractor shall determine contact by contacting utility company.

38. Section 01158_1.12-1.13.1 Exterior Electrical Systems states to re-feed existing H.A.S. Building with new underground service. Please provide the existing service size as this is not provided in the RFP.

Response: Existing service size and requirements can be obtained through the utility company.

39. Section 01158_1.14 Telecommunications states to provide new underground telecommunications service to the new facility but does not indicate the existing H.A.S Building. Is this building to be re-fed and if so what type and size cable is to be used?

Response: All HAS utilities affected by the construction of the new Sector building shall be restored, and all outages coordinated and proper notices given to HAS.

40. The RFP provides listings of equipment to support the Galley, Shop spaces, Medical/Dental, and Fitness Rooms, but does not provide any sizing information. Please provide sizing information so that associated utility load requirements can be developed.

Response: Sizing/load information cannot be provided at this time, because the exact items and their exact needs will be unknown until the actual selection of the items after award.

41. RFI SECTION 01158_1.13-1.13.2.8 Emergency Power: 13.2.8.1.m. states the following to be on this system “Galley microwave and other galley equipment utilizing 120 volt power as required to provide minimal galley operations”. Please provide specific equipment required to provide minimal operations.

Response: See Galley equipment plans IQ401 and IQ402 for equipment list and base requirement on equipment which typically utilizes 120V power.

42. Amendment 2 for Phase 2 SECTION 01159-1.9 Demolition 1.9.1.3 states to remove all utility lines above and all lines and duct bank below ground. Please provide drawings indicating all utility lines for demolition.

Response: All known existing utilities are shown on the site survey provided as “information” in Amendment 0002 (see CAD file 08-3101726-BASE.dwg).

43. Amendment 2 for Phase 2 SECTION 01159-1.10 Fire Detection and Alarm System 1.10.1 states “All occupied outlying buildings will have a connection (wired or wireless) to one of the panels.” Please identify each occupied outlying building.

Response: The only occupied Outlying buildings will be those completed in Phase 1 and those that remain after Phase 2 is complete.

44. Amendment 2 for Phase 2 SECTION 01159-1.13 Electrical 1.13.1.1 Electric Service 1.13.1.2 and 1.13.1.3 states to make all arrangements with Center point Energy (CPE) and indicates 4 existing low voltage utility transformer locations. Please provide drawings indicating locations of all transformers. Are all these transformers owned by CPE or part of the station distribution system?

Response: Contractors shall obtain this information through the utility company. The Phase 1 RFP Drawing E-1 contains some information regarding existing electrical.

45. Amendment 2 for Phase 2 SECTION 01159-1.13 Electrical 1.13.1.1 Electric Service 1.13.1.4 states “A new utility service shall be provided by this project for the relocated Exchange Building”. Please provide electrical service requirements of the existing building.

Response: Contractors shall/should have determined service requirements during one of the site visits. Exchange building is understood to be fed at 120/240V 200A service from 25kVA utility pad-mount transformer. Building demand information is unknown, but might be available from the utility company.

46. Section 1.10.3 of the RFP indicates that the cost of a fire pump should be included in the base bid. Since there was no water pressure provided and this is a four story building should a domestic water pressure boosting system also be included?

Response: Refer to Amendment 0003 for revisions to Section 1.10.3.

47. Section 1.4.3.3 of Amendment 2 indicates a sprinkler system may be required for the relocated Exchange. Please provide flow and pressure information to determine if there is adequate water to support a sprinkler system.

Response: See Appendix E provided with the Phase 1 RFP Documents.

48. Amendment 0002, Section 01159, Para. 1.3.1.1 references Texas Construction General Permit TXR150000 for the Station Houston Phase 2 Site. Is there an existing Texas Construction General Permit for this site? Have other permits been also obtained for the Phase I Station Building project? Please provide a list/matrix of all permits already obtained and required for the Station Houston Phase 2 Site.

Response: The RFP in 1.3.1 states: “The contractor shall be responsible for identifying and obtaining all required permits, approvals, concurrences and certifications (hereafter called permits) from regulatory agencies.” There are no existing permits in place yet related to Phase 1. CDM (NMACC) must acquire all permits for the Phase 1 project, including the Texas Construction General Permit for Phase 1. CDM has not submitted permit applications to the CG yet.

49. Please provide all available geotechnical information for the Station Houston Phase 2 Site.

Response: See Appendix D provided with the Phase 1 RFP Documents.

50. Amendment 0002, Section 01159, Para. 1.4.5.4. references use of pervious pavement for the Station Houston Phase 2 Site. Have preliminary investigations been performed at this site to see if use of porous paving is feasible?

Response: No.

51. Please verify if use of pervious pavement is acceptable for the Phase I Sector Building site. RFP Section 01158 does not address use of pervious paving for the Sector Building site.

Response: Pervious pavement is acceptable in parking areas only. The Contractor will be required to perform the infiltration tests and design the stormwater management plan to comply with city state and federal regulations.

52. Amendment 0002, Section 01159, Para. 1.4.6. references use of a WB-50 vehicle as the design basis for the Station Houston Phase 2 Site. RFP Section 01158, Para 1.4.2.3 references use of 60 ft semi truck as the design basis for the Sector Building. Please verify if the intent is to have different sized vehicles as the design vehicle for each site. Also, please confirm what AASHTO Design vehicle is to be used as the design basis for the 60 ft. semi truck (i.e. WB-50, WB-62).

Response: See amended Specification Section 01158, paragraph 1.4.2.3 above to use AASHTO 2004 WB-62 vehicle as a basis of design.

53. RFP Section 01158, Para. 1.4.7 and 1.4.8 discuss both concrete and asphalt pavement for roadways and parking areas. The RFP drawings do not specify which pavement materials should be utilized for parking areas and roadways. Please clarify pavement areas which need to be concrete areas for the Sector Building Phase I site.

Response: See amended Specification Section 01158, paragraphs 1.4.7 and 1.4.8 above.

54. Amendment 0002, Section 01159, Para. 1.4.7.2 states “Provide concrete roadway and parking spaces as shown in the RFP drawings.” RFP Drawing C102 for Station Houston phase 2 states to provide Asphalt pavement for the 31 vehicle parking lot and for the separate parking area for the exchange building (Keynote #6). Amendment 0002, Section 01159, Para. 1.4.7.3 states parking lot pavements can be either rigid (concrete) pavement or flexible(asphalt) pavement. Please confirm paving material requirements for the Station Houston phase 2 site.

Response: Either asphalt or concrete paving may be provided. See amended Notes on Drawing C102 for Phase 2 Station Houston.

55. For the Phase I Sector Building Site, horizontal roll gates are specified for the 2 entrance lanes and exit lane. Due to proposed layout shown on RFP drawing C101, it may not be possible to utilize individual gates for both entrance lanes. Please confirm if it is acceptable to have 1 horizontal roll gate for the staff and visitor entrance lanes.

Response: It is not acceptable to have one gate for both staff and visitor entrances.

56. Per RFP Section 1.12.3.16 requires a central dust collection system for DC (carpentry) Shop. How many exports are expected to be operating at one time or is the dust collector to be sized for all 12 exhaust ports?

Response: See amended Specification Section 01158, paragraph 1.12.3.16 above.

57. Per RFP Section 1.12.3.17 requires an extraction hood at each piece for equipment. Does this equipment use lubricants and how many exports are expected to be operating at one time or is the exhaust system to be sized for all exhaust ports? Are all three welding station extraction hoods operating at the same time? Will the EM and Machine shop activities be machining aluminum, titanium or magnesium?

Response: No, all three do not need to be running at the same time, however independent control over each welding hood is required. Aluminum, steel, stainless, cast iron, black iron, and galvanized steel will be the only materials machined. Titanium will be used only as a welding electrode during the TIG process.

58. RFP paragraph 1.8.3.1 requires a 200' self-supporting, four-sided communications tower with a suitable foundation. Please advise if a three-sided tower is acceptable.

Response: A three-sided tower self-supporting tower (no guy wires) is acceptable.

59. Based on the language in amendment #2, section 01159-1.9.3.1, it appears our price proposal should include the costs to abate all hazardous material identified in the Asbestos Demolition Survey included in amendment #2. Please confirm any additional hazardous materials identified in our post award hazardous material investigation will be treated as a differing site condition per FARS 52.236-2.

Response: Yes, they would be treated as a differing site condition.

60. Amendment #2, Specification **01159**, 1.4.4 states Contractor shall remove all water distribution elements that are not in use. However, the RFP and revised drawings C102 and C101 do not show the water lines to be removed. Please provide a drawing identifying what existing lines are to be included for removal.

Response: All known existing utilities are shown on the site survey provided as "information" in Amendment 0002 (see CAD file 08-3101726-BASE.dwg). All existing utilities that are not required for Phase 1 or Phase 2 work shall be removed.

61. Amendment #2, Specification 01110, 1.1 states the relocation of the exchange will require temporary secure storage for consumables and perishable goods. Please provide the square footage of storage required as well as shelving requirements and temperature and humidity requirements.

Response: See amended Specification Section 01110, paragraph 1.1 above which covers the size and requirements of the temporary secure storage.

62. Amendment #2, Specification 01110, 1.1 states the relocation of the exchange will require temporary secure storage for consumables and perishable goods. Please provide a location for the temporary secure storage.

Response: The contractor shall propose a location for the temporary secure storage that does not affect operational requirements or traffic flow within the extents of the Galena Park site, and that works with their proposed construction site plan. Final approval will be given by the DOR in the field.

63. Please confirm what utilities are required at the new location of the exchange once it is relocated.

Response: This should have been confirmed during Pre-proposal site visit.

64. Amendment #2, Specification 01158, 1.14 states at the completion of the transition to Ellington field, Contractors are to remove all unused plant cable where practical. However, determining what is "practical" for one Contractor verses another is problematic even if the RFP and revised drawings C102 and C101 provided size and locations, which they do not. Please provide a drawing identifying what existing cable is to be included for removal by the Contractors.

Response: See amended Specification Section 01158, paragraph 1.14 that states "remove all unused plant cable installed in conduit."

65. Amendment #2, Drawing C101 indicates removal of 4 portable buildings, a storage container and a concrete building. Please provide as-builts of these building and advise where they are to be turned over to the Government or if they are to be disposed of by the Contractor.

Response: No as-builts are available. Contractor shall dispose of all Government owned modular trailers. The modular trailers that are rented shall be removed by the rental company. An Amendment will be issued to identify owned vs. rented trailers. Storage containers and concrete building in the NW corner shall be disposed of per the Phase 2 drawing C101.

66. Amendment #2, Drawing C101 calls for the removal of a temporary basketball court. Drawing C102 calls for a new larger basketball court in the same location. Please advise if the existing goals can be reused for the new court.

Response: No, provide new.

67. Amendment 2, Section 01159, para. 1.6.4.1 states that "A drip irrigation system shall be provided for all new planting beds. No irrigation is required in open lawn areas." However, this seems to conflict with drawing C102, Note 4, which states "Provide automatic sprinkler system for planting bed areas only." Also, this note points to the New Lawn area on the plan. Please confirm the need for irrigation is up to the Designer of Record to determine. If the Government requires irrigation please clarify the type of irrigation (drip or sprinkler) as well as whether or not the lawn areas are to be irrigated.

Response: Lawn areas are not to be irrigated. Only new planting beds shall be irrigated. A drip system shall be provided as indicated in 01159 1.6.4. The note 4 leader should have pointed to planting beds, but the intent of the drawing and specification is clear.

68. Amendment 2, Section 01159, para. 1.6.1.1 states that the Contractor shall retain the services of an Arborist. We believe the arborist is also covered within the scope of the project containing the New Station Building and Fitness Center. If that is the case, is an additional arborist required for the Station Houston Phase 2 scope of work and if so will it be for the full duration of the project or just during the time we performing demolition activities near the Heritage Oak Tree?

Response: The services of the Arborist are required for Phase 2 and the extent of those services are described in paragraph 1.6.1.1 of Section 01159.

69. Note 9 on Drawing C102 included in Amendment 2 indicates only benches are to be provided as site furnishings. There is no mention of other amenities such as litter receptacles or bike racks. Please confirm no site furnishings other than the benches are required, or provide a list of additional furnishings to be included at the existing Galena park site.

Response: Provide site furnishings as indicated in the Phase 2 RFP documents. No additional site furnishings, besides those indicated, are required.

70. SECTION 01158_1.13-1.13.2.8 Emergency Power: m. states "Galley microwave and other equipment utilizing 120 volt power as required to provide minimal galley operations". Does this include the use of the ovens, range, griddles or fryer and the associated exhaust systems as the exhaust systems would not be on 120 volt power?

Response: See Galley equipment plans IQ401 and IQ402 for equipment list and base requirement on equipment which typically utilizes 120V power.

71. Does the \$46 Million to \$51 Million budget include the \$10 Million allowance for furniture?

Response: Yes.

72. Amendment #2 states that we cannot start construction at Galena Park until 120 days after completion of Ellington Field facilities. Please confirm the 120 days is from substantial completion and move in to the new communication and command facilities and that the 120 days only applies to the demolition of the command building and not the overall site, i.e. we will be allowed to start other demolition and site improvements at the existing base as long command functions and parking are provided until move out.

Response: See amended General Requirements, Time of Completion, above.

73. Please clarify what happens to the furniture and equipment at the existing Galena Park facilities? Will it be removed by the Government prior to start of demolition or will there be furniture and equipment the Contractor has to relocate or dispose of?

Response: Contractor shall dispose of all furniture and equipment in the existing facilities being demolished, with the exception of the fitness equipment that is indicated in Appendix A of Section 01158 as 'existing relocated'.

74. Please confirm the existing antenna at Galena Park is to be demolished.

Response: The antenna tower shall be demolished in Phase 2 since it is mounted to the two story building that is being demolished in Phase 2, and the tower is not being demolished in Phase 1.

75. Please confirm that access on the east road at Galena Park down to the waterfront is to be maintained at all times for Coast Guard use.

Response: Yes. Also, paragraph 1.9.2.2 of Section 01159 requires the Contractor to coordinate Phase 2 work with “current activities” with minimal disruption to them, and shall have prior approval of the Contracting Officer.

76. The existing concrete building in the northwest corner of Galena Park appears to be for storage of used oil and other hazardous materials. Please confirm that all hazardous materials will be removed by the Government prior to the start of demolition.

Response: Stored hazardous materials stored with the concrete building will be removed by the Government prior to demolition by the Contractor.

77. Based on the site visit at Galena Park, it appears the high voltage power and communication lines are run via overhead poles along the west and east sides as well as the north side of the base. If these overhead lines and pole remain it appears they will interfere with construction of the new softball field. Are these lines and pole to remain overhead? If they are to be removed, who is responsible for this removal?

Response: If existing overhead power lines and their poles conflict with the new softball field, then the Contractor shall be responsible for having them relocated.

78. Drawing C201 calls for the existing overhead power lines to be routed underground at Ellington Field. These lines continue through the new site and on to other airport buildings. Please confirm that the new underground duct bank ends the eastern limits of construction where the lines will go back up to overhead poles.

Response: At the west side of the property the intent is to have the power lines transition from underground back to being pole supported overhead lines. On the east side of the property the intent is to connect the new underground duct bank to the existing underground duct bank that goes under Aerospace Avenue.

79. Note 5 on drawing G002 states all partitions are to extend from floor to structure. Please confirm this note applies only to fire rated walls.

Response: “all” means all; not just fire rated partitions.

80. Please confirm that in accordance with Section 1.103 of the RFP, the contractors are to include the cost of a fire pump in their proposal.

Response: Paragraph 1.10.3 of Section 01158 states: “For the purpose of Base Bid, the Contractor shall assume that adequate pressure is not available and include the cost of providing a fire pump and all appurtenances.”

81. Please confirm there are no local design guides such as from the Airport Authority that need to be complied with during design development.

Response: See response to 82 below. However, Houston Airport Systems has told the USCG that there are no local HAS design guides that have to be met since the property will be owned by the federal government.

82. Please confirm that with the exception of permit review, there are no outside reviews of the design beyond the USCG review. Also, if there outside review other than for permits please confirm any review will be done concurrent with the USCG review.

Response: Paragraphs 1.3 of Section 01158 convey the requirements for permitting. This is the Contractor's responsibility to identify and obtain.

83. The floor plans provided as part of the RFP shows specific walls to be constructed of masonry and specific walls to be constructed of metal stud and gypsum. Are we allowed to change which spaces have masonry walls and which spaces have metal stud/gypsum board walls as long as we meet code or are we required to provide masonry and metal stud/gypsum board walls exactly as shown on the RFP provided plans?

Response: The only masonry walls indicated are on the first floor. The decision to masonry in those locations is the Government's preference and should not be changed.

84. The RFP Specification Section 1500, Paragraph 1.4 says the contractor will be allowed to connect to the USCG potable water system for reasonable amounts of water without charge. If the project is a new USCG site wouldn't we be tapping into what I would assume to be municipal lines which may belong to the airport authority or city? If so, who's responsible for the cost?

Response: The contractor is responsible for paying the cost of connecting to the water (and the cost of water) before the Coast Guard assumes responsibility for building/site at Ellington Field. At Galena Park, the contractor can connect to the existing water distribution system.

85. The RFP specification section 01503 Remote Surveillance describes providing the surveillance system for the previous project Station Houston and not the Ellington Field Sector Relocation project. Is remote surveillance required for the Sector Relocation project at Ellington Field? Is remote surveillance required at Galena Park for the demolition and civil work? Remote Surveillance was required for the previous project at Galena Park for the New Station Building and Boat House project. Could that system remain in place and be used again for the new project. If so, we would only need to relocate the camera poles to orient them for the new Galena Park project. This could be a savings to the government.

Response: Amendment 0002 WRT 01530 indicates that both projects require a remote surveillance system. The Contractor cannot expect to use the remote surveillance system from the Phase 1 project.

NOTE

Failure to acknowledge amendments may be cause for rejection of your offer.



SITE VISIT ATTENDANCE LOG

Date: March 16, 2011

Contract No. HSCG47-09-R-3EFK03/X0007

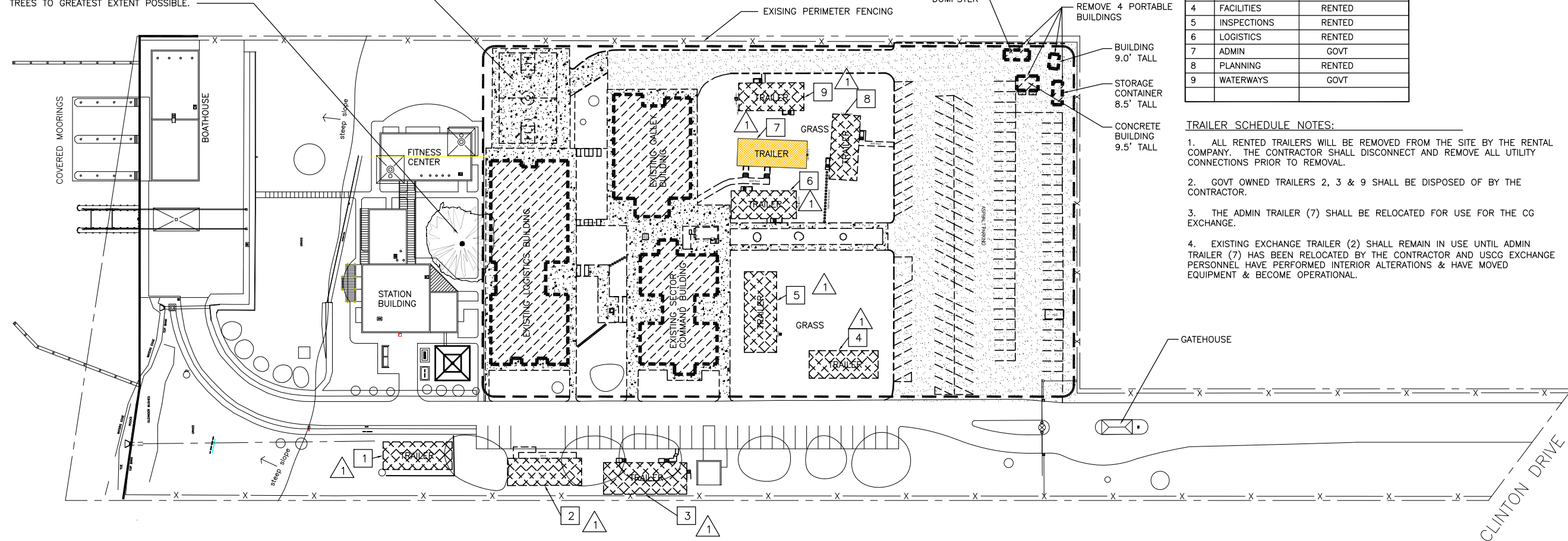
Contract Title: DESIGN/BUILD FOR RELOCATION OF SECTOR BUILDING, U. S. COAST GUARD
SECTOR HOUSTON-GALVESTON, HOUSTON, TX

List of Those Present:

NAME (PLEASE PRINT)	TELEPHONE NO./EMAIL
Cheryl P. Allen, Contracting Officer, FDCC	(757) 852-3415 Cheryl.P.Allen@uscg.mil
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LCDR John-David Lentine, Construction Project Manager, FDCC	(757) 544-8676 John-David.A.Lentine@uscg.mil
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PROVIDE A PROTECTION AND MAINTENANCE PLAN FOR THE HERITAGE OAK TREE, PROTECTION METHODS SHALL BE AS DIRECTED IN WRITING BY ARBORIST CERTIFIED IN THE STATE OF TEXAS. RETAIN ALL TREES TO GREATEST EXTENT POSSIBLE.

1 REMOVE CONCRETE PAVEMENT & TEMPORARY BASKETBALL COURT FROM PHASE 1



# TRAILER SCHEDULE		
NO.	FUNCTION	OWNER
1	SUPPLY	RENTED
2	EXCHANGE	GOVT
3	STA HOUSTON	GOVT
4	FACILITIES	RENTED
5	INSPECTIONS	RENTED
6	LOGISTICS	RENTED
7	ADMIN	GOVT
8	PLANNING	RENTED
9	WATERWAYS	GOVT

TRAILER SCHEDULE NOTES:

- ALL RENTED TRAILERS WILL BE REMOVED FROM THE SITE BY THE RENTAL COMPANY. THE CONTRACTOR SHALL DISCONNECT AND REMOVE ALL UTILITY CONNECTIONS PRIOR TO REMOVAL.
- GOVT OWNED TRAILERS 2, 3 & 9 SHALL BE DISPOSED OF BY THE CONTRACTOR.
- THE ADMIN TRAILER (7) SHALL BE RELOCATED FOR USE FOR THE CG EXCHANGE.
- EXISTING EXCHANGE TRAILER (2) SHALL REMAIN IN USE UNTIL ADMIN TRAILER (7) HAS BEEN RELOCATED BY THE CONTRACTOR AND USCG EXCHANGE PERSONNEL HAVE PERFORMED INTERIOR ALTERATIONS & HAVE MOVED EQUIPMENT & BECOME OPERATIONAL.

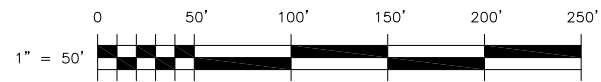
EXISTING & DEMOLITION PLAN

LEGEND

- DEMOLISH CONCRETE PAVING/SIDEWALK
- DEMOLISH ASPHALT PAVING & CURBING
- DEMOLISH EXISTING BUILDINGS & STRUCTURES
- REMOVE & DISPOSE OF MODULAR STRUCTURE
- RELOCATED TRAILER FOR USE AS CG EXCHANGE
- APPROXIMATE LIMITS OF DEMOLITION & SITE RESTORATION WORK
- PROTECT & RETAIN EXISTING TREES & BUSHES
- PTOTECT & RETAIN EXISTING HERITAGE OAK TREE

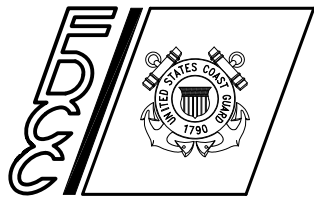
GENERAL NOTE

THIS DRAWING DEPICTS THE APPROXIMATE EXPECTED CONDITION OF THE STATION HOUSTON SITE UPON COMPLETION OF PROJECT 08-3101726, NEW USCG STATION HOUSTON, TEXAS. THE CONTRACTOR SHALL COORDINATE DEMOLITION ACTIVITIES AS REQUIRED TO ENSURE MINIMAL DISRUPTION OF ACCESS AND SERVICES, AND THE UNINTERRUPTED OPERATIONS OF THE STATION.



RFP DRAWING
MARCH 2011
REV 03-23-2011

U. S. COAST GUARD
FACILITIES DESIGN &
CONSTRUCTION CENTER



5505 ROBIN HOOD ROAD SUITE K
NORFOLK, VIRGINIA 23513-2431

ISSUE		
MARK	DATE	DESCRIPTION

A/E PROJECT NO:
CAD FILE NAME: A083101726C101.dwg
DESIGNED BY:
DRAWN BY:
EDITED BY:
CHECKED BY:

SCALE: PLOT SCALE: 1 : 1

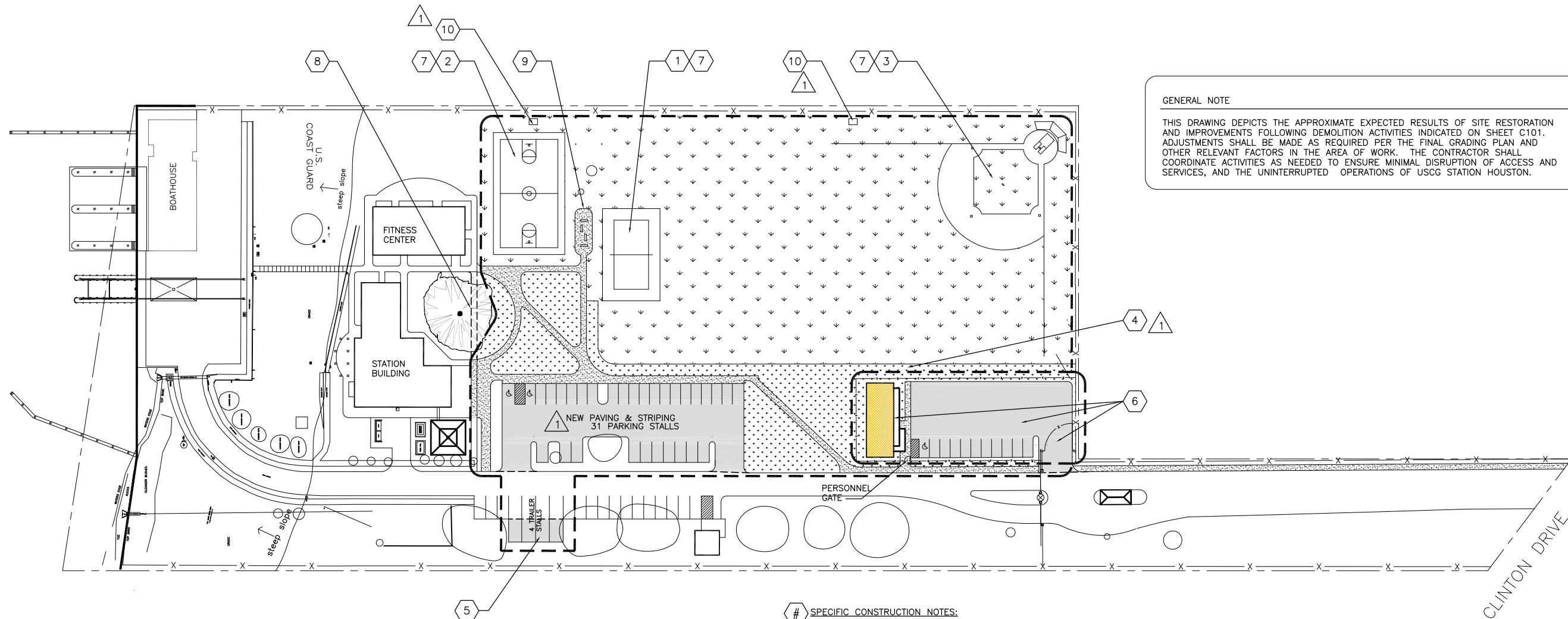
SHEET TITLE

STATION HOUSTON PHASE 2
USCG STATION HOUSTON
HOUSTON TX
STATION HOUSTON
CIVIL
SITE DMOLITION

REVIEWED BY: REVIEWED BY: REVIEWED BY:
PROJECT ENG. BRANCH CHIEF TECH. DIRECTOR
APPROVING OFFICER DATE

PROJECT NUMBER DRAWING NUMBER
08-3101726 A083101726C101
DISCIPLINE/SHT NO SHEET 1 OF 2
C101

M:\SCHMITT\08-3047134 SECTOR HOUSTON-CALVESTON-RFP\CONTRACTING BRIDGING DOCS\AMENDMENTS\A08-3101726C101-102-R.DWG LAYOUT: C102 3/24/2011 8:56AM DIMSCALE: 50 R17.2



GENERAL NOTE
 THIS DRAWING DEPICTS THE APPROXIMATE EXPECTED RESULTS OF SITE RESTORATION AND IMPROVEMENTS FOLLOWING DEMOLITION ACTIVITIES INDICATED ON SHEET C101. ADJUSTMENTS SHALL BE MADE AS REQUIRED PER THE FINAL GRADING PLAN AND OTHER RELEVANT FACTORS IN THE AREA OF WORK. THE CONTRACTOR SHALL COORDINATE ACTIVITIES AS NEEDED TO ENSURE MINIMAL DISRUPTION OF ACCESS AND SERVICES, AND THE UNINTERRUPTED OPERATIONS OF USCG STATION HOUSTON.

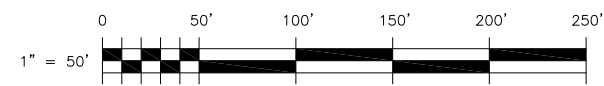
CONCEPT SITE RESTORATION & LANDSCAPING PLAN



LEGEND

- NEW LAWN
- COMBINATION OF TREES, SHRUBS, GROUND COVER, & GRASS
- NEW CONCRETE WALKS
- NEW PAVING
- RELOCATED TRAILER FOR USE AS CG EXCHANGE 1
- APPROXIMATE LIMITS OF SITE RESTORATION WORK
- EXISTING TREES & BUSHES SHALL BE RETAINED

- # SPECIFIC CONSTRUCTION NOTES:**
1. PROVIDE NEW BEACH VOLLEYBALL COURT. CONSTRUCT IN ACCORDANCE WITH VOLLEYBALLUSA.COM GUIDELINES, INCLUDING EXCAVATION, DRAINAGE PIPE, LANDSCAPING FABRICS, SUBSTRATES, AND PROFESSIONAL GRADE BEACH VOLLEYBALL SAND. INCLUDE GALVANIZED STEEL POLES, STAINLESS STEEL WINCH, HIGH-DENSITY POLYETHYLENE PLASTIC COURT EDGE GUARDS, BOUNDARY LINE NYLON TAPE, AND TWO (2) VOLLEYBALL NETS.
 2. PROVIDE NEW CONCRETE BASKETBALL COURT WITH LINE STRIPING & COLOR COATING OVER CONCRETE SURFACING. PITCH COURT SURFACE AND SUBGRADES IN A SINGLE PLANE AT 1" IN 10'-0". COURT TO BE 106' X 62', INCLUDING 6' BEYOND PLAY BOUNDARIES. TOP OF COURT SHALL BE FLUSH WITH SURROUNDING FINISH GRADE. INCLUDE 2 PERMANENT STANDARDS, BACKBOARDS, GOALS, AND NETS.
 3. SOFTBALL FIELD. PROVIDE NATURAL TURF FIELD WITH CLEAR BASE PATHS IN ACCORDANCE WITH NATIONAL SOFTBALL ASSOCIATION GUIDELINES. PROVIDE 3-SIDED, 16'-HIGH BACKSTOP WITH OVERHANG PANELS OF WIRE MESH AND STEEL SUPPORT POSTS. INCLUDE BASES, HOME PLATE, PITCHER'S RUBBER, AND LINE STRIPING MACHINE.
 4. PROVIDE AUTOMATIC SPRINKLER SYSTEM FOR PLANTING BED AREAS ONLY.
 5. EXTEND PARKING STALLS TO 40' DEEP TO ACCOMMODATE 4 SMALL BOAT TRAILERS.
 6. RELOCATE ADMIN TRAILER (7) FOR USE AS EXCHANGE BUILDING TO NEW LOCATION AS SHOWN AND CONNECT TO ALL NEEDED UTILITIES (ELECTRICAL, PHONE, DATA, GAS, WATER, SEWER & TV). PROVIDE 8FT HIGH CHAIN LINK SECURITY FENCING WITH PARKING ENTRY SWING GATE, 48" PERSONNEL GATE, 10 VEHICLE PARKING SPACES, AND AREA FOR DELIVERY TRUCKS. PROVIDE PAVEMENT & CONCRETE WALKS W/ HANDICAP CURB RAMPS.
 7. PROVIDE SUFFICIENT POLE-MOUNTED LIGHTING SURROUNDING THE SOFTBALL, BASKETBALL AND VOLLEYBALL AREAS TO PERMIT PLAY DURING NIGHT TIMES. PROVIDE GROUND LEVEL AND POLE-MOUNTED LIGHTING ALONG PEDESTRIAN SIDEWALKS AND FOR VEHICLE PARKING AND ROADWAY AREAS.
 8. REMOVE PORTION OF CONCRETE PHASE 1 WALK SHOWN DASHED.
 9. PROVIDE FOUR FIXED 6FT LONG CONCRETE BENCHES & CONCRETE SLAB AREA.
 10. PROVIDE DRINKING FOUNTAIN CONNECTED TO EXISTING DOMESTIC WATER VALVED HOSE CONNECTIONS.



CONSULTANTS

RFP DRAWING
 MARCH 2011
 REV 03-23-2011

**U. S. COAST GUARD
 FACILITIES DESIGN &
 CONSTRUCTION CENTER**

5505 ROBIN HOOD ROAD SUITE K
 NORFOLK, VIRGINIA 23513-2431

ISSUE		
MARK	DATE	DESCRIPTION

A/E PROJECT NO:
 CAD FILE NAME: A083101726C102.dwg
 DESIGNED BY:
 DRAWN BY:
 EDITED BY:
 CHECKED BY:

SCALE: PLOT SCALE: 1 : 1

SHEET TITLE

**STATION HOUSTON PHASE 2
 USCG STATION HOUSTON
 HOUSTON TX
 STATION HOUSTON
 CIVIL
 SITE RESTORATION**

REVIEWED BY:	REVIEWED BY:	REVIEWED BY:
PROJECT ENG.	BRANCH CHIEF	TECH. DIRECTOR
APPROVING OFFICER	DATE	

PROJECT NUMBER	DRAWING NUMBER
08-3101726	A083101726C102
DISCIPLINE/SHT NO	SHEET 2 OF 2
C102	