

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 1 9
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 11-Jan-2010	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable) 09-0143
6. ISSUED BY NAVFAC MID ATLANTIC OFFICER IN CHARGE OF CONSTRUCTION MARINE CORPS INSTALLATIONS EAST 1005 MICHAEL ROAD CAMP LEJEUNE NC 28547-2521	CODE N40085	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		X	9A. AMENDMENT OF SOLICITATION NO. N40085-10-B-0212	
		X	9B. DATED (SEE ITEM 11) 22-Dec-2009	
			10A. MOD. 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 Offer <input checked="" type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer 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 _____ copies 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.				
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.				
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).				
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
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.) 09-0143 Construct Metal Building to House Fitness Workout Facility Bid Opening Date is hereby changed from 27 January 2010 @ 2:00 p.m. to 29 January 2010 @ 1:00 p.m. CLARIFICATIONS TO BIDDER INQUIRES				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
		TEL:	EMAIL:	
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED 12-Jan-2010

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

The following have been added by full text:

**CONSTRUCT METAL BUILDING TO HOUSE FITNESS WORKOUT FACILITY –
INCORPORATE INTO THE SOLICITATION THE BELOW QUESTIONS AND ANSWERS**

1. Drawing A-2 SVF-1 shows details for a window in this project. While going through the specifications I did not find any for Windows.

Question: Will these specifications be provided by Amendment?

Answer: Reference Drawing A-2, SCF-1 as shown in an interior view frame. See Drawing A-1 Floor Plan, View Window occurs in the wall between Area 101 and 102, beside door 102. Provide a steel frame as indicated with frame section cuts and details as indicated on Drawing Sheet A-2 at SVF-1 frame elevation. Provide 1/4 inch clear tempered safety glass as noted at SVF-1 frame elevation. Provide a steel stop and gasketing as necessary to properly secure.

2. Drawing A-2 New Conditions Area Finish Schedule shows Marks B, C & D to have a floor finish of stained concrete.

Question: Since specifications were not provided for a stained concrete floor are we to price an Acid Stain?

Answer: Attached is a specification for the Stained Concrete Flooring. (Section 03 3500 (7 pages)).

3. Question: Can you provide which code to use for the construction of the Pre-Engineered Metal Building?

Answer: The Pre-Engineered Metal Building should be designed in accordance with the current 2009 NC Building Code (which is based on the 2006 International Building Code). Also, the design Wind Speed is 130 mph and it is Wind Exposure Category C. This wind speed information is shown on Structural Drawing Sheet S-3 NAVFAC #60004666.

SPECIFICATION

SECTION 03 35 00

CHEMICALLY STAINED CONCRETE FLOOR

PART 1 – GENERAL

1.1 SUMMARY

- A. Provide chemically stained concrete floor finish in areas as indicated or scheduled in drawings.
- B. Section Includes:
 - 1. Chemically stained concrete floor finish.
 - 2. Cure and Sealer.
- C. Related Sections:
 - 1. Section 03 30 50 "Cast-In-Place Concrete" for general applications of concrete.
 - 2. None.

1.2 SUBMITTALS

- A. Product Data: Manufacturer's technical data sheets and installation instructions for each product specified.
- B. Samples for Initial Selection: Manufacturer's color charts showing full range of colors available. Manufacturer shall offer at least 8 different colors.
- C. Qualification Data: For firms indicated in "Quality Assurance" Article, include list of completed projects with project names and addresses, names, addresses and phone numbers of architects and owners, and other information specified.

1.3 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Manufacturer of stain and sealer products shall have minimum 10 years experience in the production of the specified products.
- B. Installer Qualifications: Minimum 5 years experience in staining applications and successfully completed not less than 6 projects comparable in scale and complexity or larger.

C. Provide documentation from manufacturer and from installer that certifies that each meets the quality assurance standards described above in items A and B. This documentation shall be accompanied by:

1. A certificate of compliance from the material manufacturer stating that the proposed products meet or exceed the requirements specified.

2. Documented proof that the proposed material has a 10 year proven record of performance for staining concrete substrates, confirmed by at least 6 regional projects that Contracting Office can examine if desired.

D. Regulatory Requirements:

1. Products shall comply with the United States Clean Air Act for maximum Volatile Organic Compound (VOC) content as specified in PART 2 of this section.

E. Source Limitations: Obtain each specified material from same source and maintain high degree of consistency in workmanship throughout Project.

F. Mockups:

1. Unless waived by Contracting Officer, provide mockup as further described.
2. At location on Project selected by Contracting Officer, prepare mockup sample 4 feet by 4 feet for review and approval.
3. Construct mockup using processes and techniques intended for use on permanent work, including curing procedures. Include samples of control, construction, and expansion joints in mockup.
4. Mockup shall be stained and sealed by the individual workers who will actually be performing the work for the Project.
5. Obtain written approval of the mockup from Contracting Officer before start of work on permanent slab.
6. Retain approved mockup at site through completion of the Work for use as a quality standard for finished work.
7. Approved mockup shall be removed and properly disposed of at time of Substantial Completion unless directed otherwise by Contracting Officer.

1.4 DELIVERY, STORAGE AND HANDLING

A. Deliver the specified products in original, unopened containers with legible manufacturer's identification and information.

B. Store specified products in conditions recommended by the manufacturer.

1.5 PROJECT CONDITIONS

A. Environmental Conditions: Maintain an ambient temperature of between 50° and 90° F during application and at least 48 hours after application.

B. Protection: Precautions shall be taken to avoid damage or contamination of any surfaces near the work zone. Protect completed stain work from moisture or contamination.

PART 2 – PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

A. Manufacturer: Such as L.M. SCOFIELD COMPANY, Douglasville, Georgia,

B. Or such as Anvil Paints & Coatings, Inc. Largo, Florida,

C. Or other manufacturer that provides products meeting the specifications herein.

2.2 MATERIALS

A. Chemical Stains: Provide reactive water-based solution of metallic salts which react with the calcium hydroxide in the cured concrete substrate to produce permanent, variegated or translucent color effects, such as LITHOCHROME→ Chemstain□ by L.M. SCOFIELD COMPANY.

1. Colors: To be selected by Contracting Officer from manufacturer's full range.

2. Colors: At least 8 distinctive colors must be available for selection by Contracting Officer.

B. Sealer: Provide a waterborne, low VOC, environmentally sound, clear curing compound and sealer for freshly placed chemically stained concrete flatwork that also creates a durable finish for protecting concrete floor. Cure/sealer shall be suitable for interior floors and shall be a clear, semi-gloss finish. The finish shall be resistant to blushing and will not yellow or change the color of the concrete. As a sealer, product shall protect floor against staining from incidental contact with materials such as automotive oil, grease, and food spills. It shall produce a low- maintenance film that improves resistance to abrasion, deicing salts, many chemicals, weather, and ultraviolet (UV) radiation. It shall assist with preventing concrete dusting, plastic shrinkage cracking, and spalling. Curing and sealing product shall be such as SCOFIELD® Cureseal-W□ by L.M. SCOFIELD COMPANY.

C. Joint Sealant: Provide a premium quality three-component – base, activator, and color catalyst - gun-grade construction sealant for heavy pedestrian traffic areas. Sealant shall resist damage from materials such as automotive grease, oil, gasoline, transmission fluid, brake fluid, deicing slats, food spills, and commercial cleaning products and solvents. Sealant shall comply

with U.S.Federal Specification TT-S-00227E (COM-NBS) as a multicomponent, Class A, Type II sealant and ASTM C 920 Standard Specification for Elastomeric Joint Sealants as a Type M, Grade NS, Class 25 joint sealant. Include backer rods as recommended by manufacturer.

Remove all contaminants and coatings that will impede bonding of joint sealant to substrate. Ambient and substrate temperatures shall be between 40 degrees F and 90 degrees F for installation. Mixing and installation shall be per manufacturer's written instructions. Color to be selected by Contracting Officer to match floor color selected. Joint Sealant shall be such as LITHOSEAL Trafficalk-3G; L.M. SCOFIELD COMPANY.

PART 3 – EXECUTION

3.1 EXAMINATION

A. Verification of Conditions: Contractor or Subcontractor that will apply concrete stain shall examine areas and conditions under which work will be performed and identify conditions detrimental to proper and timely completion of work. Do not proceed until unsatisfactory conditions have been corrected. If subcontractor proceeds, he indicates that he approves of and accepts the slab conditions to be suitable for a quality finished application and appearance.

B. Compliance with Manufacturer's Instructions: Contractor shall obtain, understand and comply with the current versions of the manufacturer's technical data sheets and installation instructions as referenced in Section 1.2.A. Wherever technical data such as preparation or installation instructions differs from language in this specification or other written material, the information submitted in accordance with Section 1.2.A is considered definitive.

3.2 PREPARATION

A. New Concrete:

1. Newly placed concrete shall be sufficiently cured to allow concrete to become reactive, minimum 14 days.
2. If any of the following colors are used, the minimum cure time of the concrete shall be 30 to 60 days to meet water vapor transmission requirements.
 - a. Copper Patina.
 - b. Fern Green.
 - c. Weathered Bronze.
 - d. Verify with manufacturer for any other colors or conditions that must be considered.
3. Do not use liquid curing materials. Cure concrete flatwork with new, unwrinkled, non-staining, high quality curing paper. Do not overlap curing paper.
4. Surfaces shall be cured using the same method and different sections (pours) chemically stained when the concrete is the same age.
5. Immediately prior to chemically staining, thoroughly clean the concrete. Sweep surfaces, then pressure wash or scrub using a rotary floor machine. Use suitable, high quality commercial detergents to facilitate cleaning. Rinse surfaces after cleaning until rinse water is completely clean. Allow floor to dry completely prior to application of floor stain.

3.3 APPLICATION OF CHEMICAL STAIN

- A. Concrete surfaces shall be dry and properly prepared as described above. Protect surrounding areas from over-spray, run-off and tracking. Divide surfaces into small work sections using wall, joint lines, or other stationary breaks as natural stopping points.
- B. Apply chemical stains full strength (undiluted) at the coverage rate recommended by the manufacturer and use application equipment described in the manufacturer's printed technical literature. The color of the liquid chemical stain has no resemblance to the final color produced on the concrete substrate.
- C. Chemical stains normally fizz when reacting with the concrete. If fizzing does not occur, the substrate has not been adequately prepared or the concrete pH level is too low. If this should happen, contact the local representative for further recommendations.

D. Transfer chemical stain to the substrate by brush or spray and immediate scrub into surface.

E. Reaction time depends on wind conditions, temperatures, and humidity levels.

F. Apply number of coats as required to achieve color as selected from manufacturer's color samples and as used on approved mockup. Application of multiple coats of colors requires washing and drying between colors to evaluate the color prior to the next coat.

G. After the final coat of chemical stain has remained on the surface for a minimum of four hours, remove all residue by wet scrubbing with commercial grade detergent. Rinse surfaces after scrubbing until rinse water is completely clean. Run off may stain the adjacent areas or harm plants. Collect rinse water by wet vacuuming or absorbing with an inert material.

3.4 APPLICATION OF SEALER

A. Concrete substrate shall be completely dry.

B. Sealer shall be produced by the chemical stain manufacturer.

C. Test surface for proper PH level prior to applying sealer.

D. Apply sealer according to manufacturer's written instructions at a rate of 300 to 500 square feet per gallon per coat.

E. Maintain a wet edge at all times.

F. Allow sealer to completely dry before applying additional coats.

G. Apply second coat of sealer at 90 degrees to the direction of the first coat using the same application method and rates.

H. Seal horizontal joints.

3.5 PROTECTION

A. Protect floor from traffic for at least 72 hours after final application of sealer.

3.6 MAINTENANCE

A. Maintain chemically stained and sealed floors by sweeping. Clean spills when they occur and rinse dirt off with water. Wet-clean heavily soiled areas by mopping or by scrubbing with a rotary floor machine equipped with a scrubbing brush and a suitable, high quality commercial detergent. Maintain interior floors that require polishing by using a compatible, premium-grade, emulsion-type, commercial floor polish, following manufacturer's instructions and safety requirements.

B. Perform cleaning and maintenance operations just prior to turning possession of the building over to the Government.

END OF SECTION

(End of Summary of Changes)