

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES	
				1	10
2. AMENDMENT/MODIFICATION NO. 0006	3. EFFECTIVE DATE 25-Jun-2015	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable)	
6. ISSUED BY NAVFAC MID ATLANTIC PWD PHILADELPHIA 4921 S. BROAD STREET BLDG 1, 2ND FLOOR PHILADELPHIA PA 19112	CODE N40085	7. ADMINISTERED BY (If other than item 6) <b>See Item 6</b>		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)			X	9A. AMENDMENT OF SOLICITATION NO. N40085-15-R-7538	
			X	9B. DATED (SEE ITEM 11) 29-Apr-2015	
				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 <u>1</u> 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.)  N40085-15-Q-7538 PAINTING OF WAREHOUSE FLOOR, BUILDING 5B, NAVAL SUPPORT ACTIVITY (NSA), PHILADELPHIA, PA  ** THIS AMENDMENT MUST BE ACKNOWLEDGED WITH YOUR QUOTE **					
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) DAVID A. RHOADS / CONTRACT SPECIALIST TEL: (215) 897-4345 EMAIL: david.rhoads@navy.mil		
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 25-Jun-2015	

## SECTION SF 30 BLOCK 14 CONTINUATION PAGE

**SUMMARY OF CHANGES**

## SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

THE PURPOSE OF THIS AMENDMENT IS TO REMOVE THE SCOPE OF WORK; LOCATED IN SECTION 00100 – BIDDING SCHEDULE/INSTRUCTION TO BIDDERS, LABELED AS SPECIFICATIONS AND CONDITIONS, AND TO REPLACE WITH THE ATTACHED REVISED SCOPE OF WORK, LABELED AS SPECIFICATIONS AND CONDITIONS (REV. 6-25-15).

THE RFQ DUE DATE HAS BEEN EXTENDED BY NINE (9) CALENDAR DAYS FROM 30 JUNE 2015 5:00PM EST TO **9 JULY 2015 5:00PM EST**.

ANY QUESTIONS DUE TO THE CHANGE IN THE SCOPE OF WORK SHALL BE EMAILED TO DAVID RHOADS AT [DAVID.RHOADS@NAVY.MIL](mailto:DAVID.RHOADS@NAVY.MIL), NO LATER THAN 30 JUNE 2015 5:00 PM. ANY QUESTIONS RECEIVED AFTER THIS TIME WILL NOT BE ACCEPTED.

QUESTIONS AND ANSWERS PROVIDED IN AMENDMENT 0003 SHALL BE SUPERCEDED BY THE CHANGES MADE VIA THIS AMENDMENT.

ALL AMENDMENTS WILL BE POSTED ON NECO AND SHALL BE FILTERED DOWN TO FBO. OFFERORS ARE CAUTIONED TO ALWAYS CHECK NECO AND REGISTER WITH NECO AS THIS IS THE PRIME LOCATION THAT ALL AMENDMENTS ARE POSTED. IT IS THE SOLE RESPONSIBILITY OF THE OFFEROR TO OBTAIN ANY AMENDMENTS FROM THIS SITE.

NOTE: THIS AMENDMENT MUST BE ACKNOWLEDGED WITH YOUR QUOTE.

ALL OTHER TERMS AND CONDITIONS SHALL REMAIN UNCHANGED.

**REFERENCE NUMBER: C4KKY4**

**CONTRACT NUMBER:**

**SPECIFICATIONS AND CONDITIONS (Rev. 6-25-15)**

**SECTION 1: GENERAL**

**1.1 GENERAL DESCRIPTION:** Contractor shall provide all labor, material, equipment, supplies and supervision to perform minor repairs to a concrete floor and paint warehouse floor area. The warehouse is located at the Naval Support Activity-Philadelphia. Refer to Section 2 for detailed description of work.

**1.2 LOCATION:** Naval Support Activity-Philadelphia Philadelphia, PA 19111, Building 5B south side. A representative of the Officer in Charge, NAVFAC Contracts, will indicate the exact location.

**1.3 TIME OF COMPLETION:** Work shall be prosecuted diligently and shall be completed for use within 60 calendar days of award. The time stated for completion shall include final clean up of the premises. Contractor is required to furnish proof of any cause for delay and must request an extension of the completion date in writing through the Contracting Officer.

**1.4 GOVERNMENT POINT OF CONTACT:** The Government Quality Assurance Representative, **John McCann**, who is a representative of the Officer in Charge, NAVFAC Contracts, will be the Government's representative. All scheduling and coordination will be through the Quality Assurance Representative. John Dibuno, Environmental Engineer for DLA, shall also be contacted and on site during all work.

**1.5 PAYMENT:** Will be made in one lump sum after completion and acceptance of the work by the Government Quality Assurance Representative.

**1.6 GOVERNMENT FURNISHED MATERIALS/UTILITIES:** The Government will furnish the following utility services at existing outlets, for use as may be required for the work to be performed under the contract: electricity and fresh water. Information concerning the location of existing outlets may be obtained from the Contracting Officer. The Contractor shall provide and maintain, at his/her expense, the necessary service lines from existing Government outlets to the site of the work.

Utilities specified above will be furnished at no cost to the Contractor. In the event that the Government is unable to provide the required types of utilities, the Contractor shall, at his/her expense, arrange for the required utilities.

**1.7 PROSECUTION OF WORK:** Work shall be performed during normal duty hours 0700-1600, Monday through Friday. No work shall be performed after normal duty hours or on Government holidays unless authorized by the Officer in Charge, NAVFAC Contracts.

**1.8 CLEAN-UP OF SITE:** Shall be performed on a daily basis. The Contractor shall remove all debris generated by the work off station. Contractors are not permitted to use Government dumpsters or other Contractor dumpsters for disposal of debris.

**1.9 HOT WORK:** A hot work permit is required as needed. A permit may be obtained through the Government inspector with 48 hours prior notice. Hot work in electrical or mechanical room space will require a gas-free test prior to the Government fire inspector granting approval. In accordance with the Government fire inspector's requirements, the Contractor must perform this test daily. The Government fire inspector shall approve the instrument used.

**1.10 DUST CONTROL:** The amount of dust resulting from performance of this specification shall be controlled to prevent the spread of dust to occupied portions of the site and to avoid creation of a nuisance in the surrounding area. Use of water will not be permitted when it will result in, or create, hazardous or objectionable conditions such as ice, flooding and pollution.

**1.11 SUBMITTALS:**

**The Contractor shall submit the following within five (5) calendar days after award:**

**1.11.1** Activity Hazard Analysis to cover all aspects of the job in accordance with EM 385-1-1. See Attachment 1 for blank form.

**1.11.2** Mobile Equipment Checklist – See Attachment 2

**1.11.3** Cut sheets for all materials to be used in the performance of this work.

**1.11.4** Warranty information guaranteeing floor covering surface for a minimum of two years free of defects.

Submittals will be approved by the OIC, NAVFAC Contracts or his representative prior to the start of work.

**1.12 SITE VISIT:** Contact the Government Quality Assurance Representative to arrange a site visit if one has not already been scheduled. Contractor shall verify all conditions, dimensions and methods at site.

### **1.13 LIST OF ATTACHMENTS:**

- 1.13.1 Attachment 1: Activity Hazard Analysis.
- 1.13.2 Attachment 2: Mobile Equipment Checklist
- 1.13.3 Attachment 3: Site Map
- 1.13.4 Attachment 4: Warehouse drawing
- 1.13.5 Attachment 5: Drawing showing safety lines
- 1.13.6 Attachment 6: Material Requirements

**SECTION 2: DETAILED DESCRIPTION:** The Contractor shall provide all labor, material, tools, equipment, supplies and supervision to perform the following work. *All work shall be performed in accordance with EM 385-1-1.*

2.1 Apply, monitor and remove (upon completion of work) proper lockout and tag out devices in accordance with the U. S. Army Corps of Engineers Safety and Health Requirements Manual, EM-385-1-1. Coordinate all Lockout/Tag out control activities with the Government Quality Assurance Representative or other designated Government representative.

2.1.1 The Contractor shall perform minor repairs to approximately 200 SF of surface cracks/defects on the concrete floor prior to installing new floor covering system. The Contractor shall also make some minor repairs to the joint seals which are approximately 100 LF of joint sealant. All materials used in making repairs shall be compatible with the material being used to paint the floor.

2.1.2 Prior to the submitted flooring system's approval, apply the complete coating system to a 10 foot by 10 foot square section of concrete. Within this area, perform three adhesion tests. If adhesion testing produces cohesive failures within the concrete, no less than 40 mils concrete removed over 95 percent of each pull-off coupon, and/or adhesion more than 400 psi, patch test adhesion is acceptable. If concrete surface preparation was insufficient, apply an additional coating system patch to properly prepared concrete followed by the above adhesion testing. If adhesion results are unacceptable for both the topcoats and the primer, submit a new coating system manufactured by a different coating vendor. Apply a patch of the new coating system and subject patch to the above requirements for adhesion prior to approval. If customer dislikes non-skid grit application, adjustments to the specifications can be made. Grit coarser than #60 aluminum oxide is not recommended.

2.2 The Contractor shall be required to paint the warehouse in sections (See Attachment 4). **The warehouse is approximately 220' x 125'. The Contractor shall verify dimensions on site.** All storage material that comes in contact with the flooring will be moved by Government personnel in preparation for the Contractor to prep and paint. The racks will remain in place with the material that is stored under the shelving being moved.

2.3 The flooring system is to be applied to a warehouse floor with heavy fork lift traffic; a semi-flexible joint sealant is required. Use a semi-flexible sealant with approximately 90 percent elongation. Do not use semi-flexible sealants in areas exposed to exterior temperatures. The surface floor shall be a three coat liquid flooring system with urethane topcoats and slip resistance (non-skid grit). The thin film flooring system shall be appropriate for use in: industrial floors where resistance to abrasion and fuel is required. The nominal thickness shall be 0.375 mm/15.0 mils and can be rejuvenated by replacing the urethane topcoats. The flooring system shall be neither conductive nor electro-static dissipative. The thin film flooring system shall be suitable for application to: 1) smooth concrete surface texture, 2) concrete with a rate of MVE no more than 197 micrograms moisture per second, square meter or 3.5 pounds moisture per 24 hours, 1,000 square feet (ASTM F1869), 3) concrete with a surface strength no less than 350 psi (ASTM D4541), and 4) concrete with fuel/oil contamination to a depth of no more than 6.25 mm/1/4 inch. (See Attachment 6 for additional material requirements).

2.4 The color to be used for painting the floor shall be a light gray (Contractor shall submit samples per Section 1.11) and safety zones lines (See Attachment 5) shall be painted yellow.

2.5 The Contractor shall perform clean-up of the site on a daily basis and dispose of all hazardous materials according to proper environmental regulations.

### **SECTION 3: ADMINISTRATIVE AND SAFETY REQUIREMENTS**

**3.1 Directives:** The Contractor and his employees shall comply with all referenced regulations, directives, and instructions. Applicable Department of Defense (DOD), Secretary of the Navy (SECNAV), Chief of Naval Operations (OPNAV), and other directives, instructions, and regulations are available from the Contracting Officer.

#### **3.2 Station Regulations:**

**3.2.1** The Contractor and his employees shall become acquainted with and obey all Government regulations as posted, or as requested by the Contracting Officer.

**3.2.2** The Contractor shall participate actively in the activity energy conservation program. The Contractor shall comply with the base energy conservation program and shall become familiar with its requirements. The Contractor superintendent shall represent the Contractor's interests at all meetings of the activity's Energy Conservation and Resource Management Committee. Use of high-energy consuming tools or equipment will be approved by the Contracting Officer prior to use.

**3.3 Fire Protection:** The Contractor and his employees shall know where fire alarms are located and how to turn them on. The Contractor shall handle and store all combustible supplies, materials, waste and trash in a manner that prevents fire or hazards to persons, facilities, and materials. Contractor employees operating critical equipment shall be trained to properly respond during a fire alarm or fire in accordance with activity instructions.

**3.4 Environmental Protection:** The Contractor shall comply with all federal, state and local environmental protection laws and the regulations and standards. The Contractor shall coordinate all environmental protection matters with the Contracting Officer. The Activity Environmental Protection Coordinator or other authorized officials may inspect any of the facilities operated or maintained by the Contractor at any time and without prior notice. If a regulatory agency assesses a monetary fine against the Government for violations resulting from Contractor actions, the Contractor shall reimburse the Government for the amount of the fine and related costs. The Contractor shall clean up any oil or chemical spills resulting from his operations at his own expense. The Contractor shall not create a nuisance or hazard to the health of military or civilian personnel.

**3.5 Disposal:** Debris, rubbish, non-hazardous waste and non-usable material resulting from the work under this contract shall be disposed of by the Contractor at his expense off Government property, unless otherwise directed. In either case, the Contractor must dispose of all hazardous waste in accordance with all applicable environmental law, including but not limited to, the Resource Conservation and Recovery Act and its associated state and local regulations. **Prior to disposal of any hazardous waste, the Contractor shall obtain approval from the Contracting Officer.**

**3.5.1** Segregate and recycle all debris generated by the work and remove off station to a licensed facility. Debris shall be removed and transported in such a manner that prevents spillage on streets or adjacent areas. Local regulations regarding hauling and disposal shall apply.

**3.5.2** Submit a report with invoice that includes the following:

- a. Amount (by weight) and type of waste materials disposed of in a landfill or incinerator. Provide destination and the tip fee per ton.
- b. Amount (by weight) and type of materials salvaged for sale, salvaged for reuse, and recycled. Provide destination and revenue generated for each material.

#### **3.6 Safety Requirements and Reports:**

**3.6.1** All work shall be conducted in a safe manner and shall comply with all requirements of the U. S. Army Corps of Engineers Safety and Health Requirements Manual, EM-385-1-1. The Contractor shall be responsible for instructing his employees in appropriate safety measures and shall not permit them to place machines and other

equipment in traffic lanes or other locations in such a manner as to create safety hazards. The Contractor shall employ a competent person as defined in EM-385-1-1 to function as the Site Safety and Health Officer (SSHO). The following paragraphs denote minimum safety requirements. Contractor shall consult EM-385-1-1 for additional information or any safety issues not discussed in this specification.

**3.6.1.1 Personal Protective Equipment Minimum Requirements:**

- a. **Head Protection:** All persons working in or visiting hard-hat areas shall be provided with and required to wear Type I or Type II, Class G meeting the requirements of ANSI Z89.1. Hardhat areas are those areas with potential hazard of head injury.
- b. **Clothing:** Employees shall wear clothing suitable for the weather and work conditions: the minimum for construction sites shall be short sleeve shirt, long pants (excessively long or baggy pants are prohibited).
- c. **Protective Footwear:** Employees shall wear safety-toed boots meeting ANSI Z41 while working on construction sites.
- d. **Eye and Face Protection:** All eye and face protection shall meet the requirements of ANSI/ASSE Z87.1, employees shall also use eye side protection.
- e. **High visibility vests** will be worn when working around construction equipment or when working on highways.

**3.6.1.2. Display of Safety Information:** Within one calendar day after commencement of work, erect a safety bulletin board at the job site. The following information shall be displayed on the safety bulletin board in clear view of the on-site construction personnel, maintained current, and protected against the elements and unauthorized removal.

- a. Map denoting the route to the nearest emergency care facility.
- b. Emergency phone numbers.
- c. Copy of AHA's.
- d. OSHA 300A form.

**3.6.1.3 Emergency Medical Treatment:** Contractor shall arrange for their own emergency medical treatment. The Government has no responsibility to provide emergency medical treatment.

**3.6.1.4 Use of Hand and Power Tools:** Hand and power tools shall be of a manufacturer listed by a nationally recognized testing laboratory for the specific application for which they are to be used.

Use, inspection and maintenance:

- a. Hand and power tools shall be used, inspected, and maintained in accordance with the manufacturers' instructions and recommendations and shall be used only for the purpose for which designed.
- b. Hand and power tools shall be inspected, tested, and determined to be in safe operating condition before use. Continued periodic inspections shall be made to assure safe operating condition and proper maintenance.
- c. Hand and power tools shall be in good repair and with all required safety devices installed and properly adjusted. Tools having defects that will impair their strength or render them unsafe shall be removed from service.
- d. Loose and frayed clothing, loose long hair and dangling jewelry (including dangling earrings, chains and wristwatches) shall not be worn while working with any power tools.

Guarding – Power tools designed to accommodate guards shall be equipped with such guards:

- a. All guards must be functional.
- b. Reciprocating, rotating, and moving parts of equipment shall be guarded if exposed to contact by employees or otherwise create a hazard.

**3.6.1.5 Portable Extension Cords:** Portable extension cords shall be sized in accordance with manufacturer ratings for the tool to be used and shall be protected from damage. All damaged extension cords shall be immediately removed from service. Portable extension cords shall meet the requirements of NFPA 70.

3.6.1.6 **Ladders:** All portable ladders shall be of sufficient length and shall be placed so that workers will not stretch or assume a hazardous position. The top or top step of a stepladder shall not be used as a step unless it has been designed to be so used by the manufacturer. Ladders may be used as work platforms only when use of small hand tools or handling of light material is involved.

3.6.1.7 **Lockout/Tag Out:** Coordinate all control activities with the Designated Government Representative. Apply, monitor and remove proper lockout and tag out devices.

3.6.1.8 **Sanitation Requirements:** Provide drinking water and toilets as needed for construction personnel.

3.6.1.9 **Fire Protection:** Provide two ABC fire extinguishers at the work site to guard against potential fires.

3.6.1.10 **Fuel-Powered Tools:** When fuel-powered tools are used, they will not be fueled while running, while hot, or near an open flame.

3.6.1.11 **Machinery and Mobile Equipment:** The Contractor shall complete an equipment checklist for any construction equipment (backhoes, lift trucks, bobcats) that will be used on site.

3.6.1.12 **Excavation:** All digging requires the Contractor to contact the NEW YORK DIG SAFE One-Call System at 1-800-962-7962 before digging.

3.6.1.13 **Confined Space:** For Confined Space areas follow procedures outlined in Section 34 of EM-385-1-1.

### **3.6.2 Activity Hazard Analysis:**

The principle purpose of an Activity Hazard Analysis (AHA) is to reduce the overall risk of the hazards associated with construction work. An AHA will be developed by the Contractor for every operation involving a type of work presenting hazards not experienced in previous project operations or where a new work crew or subcontractor is to perform work.

The analysis must identify and evaluate hazards and outline the proposed methods and techniques for the safe completion of each phase of work. At a minimum, define activity being performed (can use the Definable Features of Work). A Definable Feature of Work (DFOW) is a task, which is separate and distinct from other tasks, has the same control requirements and work crews, sequence of work, specific safety and health hazards anticipated (slip or trips, cuts, dust or chips in eyes), control measures (to include personal protective equipment) to eliminate or reduce each hazard to acceptable levels, equipment to be used (hand tools, backhoe), inspection requirements (list the inspection requirements for the activity to ensure the controls are working, and equipment is inspected to ensure proper operation), training requirements for all involved (any unique training required to make the established controls work) and the competent person in charge of that phase of work.

The AHA shall be continuously reviewed and, when appropriate, modified to address changing site conditions or operations. The analysis should be used during daily inspections to ensure the implementation and effectiveness of the activity's safety and health controls. Activity Hazard Analysis shall be updated as necessary to provide an effective response to changing work conditions and activities.

### **3.6.3 Accident Reports and Notifications:**

3.6.3.1 **Accident Reports:** For recordable injuries and illnesses, and property damage accidents resulting in a least \$2,000 in damages, the prime Contractor shall conduct an accident investigation to establish the root cause of the accident, complete the Navy Contractor Significant Incident Report (CSIR) and provide the report to the Contracting Officer within five calendar days of the accident. The Contracting Officer will provide copies of any required or special forms.

3.6.3.2 **Accident Notification:** Notify the Contracting Officer as soon as practical, but not later than four hours after any accident meeting the definition of recordable injuries or illnesses or high visibility accidents, property damage

equal to or greater than \$2,000. Information shall include Contractor name, contract title, type of contract, name of activity, installation or location where accident occurred, date and time of accident, names of personnel injured, extent of property damage (if any), extent of injury (if known) and brief description of accident (to include type of construction equipment used, PPE used, etc.). Preserve the conditions and evidence on the accident site until the Government investigation team arrives on site and Government investigation is conducted.

**3.6.3.3 Definition of a Recordable Injury or Illness:** Any work related injury or illness that results in:

- a. Death, regardless of the time between the injury and death, or the length of the illness;
- b. Days away from work;
- c. Restricted work;
- d. Transfer to another job;
- e. Medical treatment beyond first aid;
- f. Lose of consciousness;
- g. A significant injury or illness diagnosed by a physician or other licensed health care professional, even if it did not result in a. through f. listed above.

**3.6.4 Monthly Exposure Report:** This report is a compilation of employee-hours worked each month for all site workers, both prime and subcontractors, and is recorded daily on the Contractor Production Report.

3.6.5 The Contractor's workspace may be inspected periodically for OSHA and Navy violations. Abatement of violations will be the responsibility of the Contractor and/or the Government as determined by the Contracting Officer. The Contractor shall provide assistance to the Safety Office escort and the federal or state OSHA inspector if a complaint is filed. Any fines levied on the Contractor by federal or state OSHA offices due to safety/health violations shall be paid promptly.

3.6.6 If the Contractor fails or refuses to promptly comply with safety requirements, the Contracting Officer may issue an order stopping all or part of the work until satisfactory corrective action has been taken. No part of the time lost due to any such stop order shall be made the subject of claim for extension of time or for excess costs or damages to the Contractor.

3.6.7 The Safety Office will investigate all complaints of unsafe or unhealthful working conditions received from Contractor's employees, federal civilian employees, or military personnel. The Safety Office will notify the Contracting Officer of the results of such investigations.

**3.7 Passes and Badges:** All Contractor employees shall obtain the required employee and vehicle passes. The Contractor shall, prior to the start of the contract, submit to the Contracting Officer an estimate of the number of personnel expected to be utilized at any one time on the contract. The Government will issue badges without charge. Each employee shall wear the Government issued badge over the front of the outer clothing. When an employee leaves the Contractor's service, the employee's pass and badge shall be returned within three calendar days. Passes and badges issued to Contractor employees shall not negate the requirement for employee identification required in the "IDENTIFICATION OF CONTRACTOR EMPLOYEES" paragraph.

**3.8 Identification of Contractor Employees:**

**3.8.1** The Contractor shall provide to the Contracting Officer the name or names of the responsible supervisory person or persons authorized to act for the Contractor.

**3.8.2** The Contractor shall furnish sufficient personnel to perform all work specified within the contract.

**3.8.3** Contractor employees shall conduct themselves in a proper, efficient, courteous and businesslike manner.

**3.8.4** The Contractor shall remove from the site any individual whose continued employment is deemed by the Contracting Officer to be contrary to the public interest or inconsistent with the best interests of National Security.

**3.8.5** No employee or representative of the Contractor will be admitted to the site of work unless he/she furnishes satisfactory proof that he/she is a citizen of the United States.

**3.8.6** All Contractor/subcontractor employees working under this contract shall be identified by a distinctive nameplate, emblem, or patch attached in a prominent place on an outer garment. Employee identification shall not be substituted for station required passes or badges.

**3.9 Identification of Contractor Vehicles:** The company name shall be displayed on each of the Contractor's vehicles in a manner and size that is clearly visible. All vehicles shall display a valid state license plate and safety inspection sticker, if applicable, and shall be maintained in good repair.

**3.10 Permits:** The Contractor shall, without additional expense to the Government, obtain all appointments, licenses, and permits required for the prosecution of the work. The Contractor shall comply with all applicable federal, state, and local laws. Evidence of such permits and licenses shall be provided to the Contracting Officer before work commences.

**3.11 Proof of Citizenship:** No employee or representative of the Contractor will be admitted to the site of work unless satisfactory proof of citizenship is furnished, or, if an alien, legal residency within the United States is confirmed.

**3.12 Environmental Management System Awareness Training:**

The Superintendent/QC Manager is responsible for environmental compliance on projects unless an Environmental Manager is named. The Superintendent/QC Manager (and alternate QC Manager) or Environmental Manager shall complete ECATTS training prior to starting respective portions of on-site work under this contract. If personnel changes occur for any of these positions after starting work, replacement personnel shall complete ECATTS training with 14 days of assignment to the project.

Submit an ECATTS certificate of completion for personnel who have completed the required "Environmental Compliance Assessment Training and Tracking System (ECATTS)" training. This training is web-based and can be accessed from any computer with Internet access using the following instructions.

Register for NAVFAC Environmental Compliance Assessment Training and Tracking System, by logging on to <http://navfac.ecatts.com/>. Obtain the password for registration from the Contracting Officer.

This training has been structured to allow contractor personnel to receive credit under this contract and also to carry forward credit to future contracts. Contractors shall ensure that the Superintendent/QC Manager (and alternate QC Manager) or Environmental Manager review their training plans for new modules or updated training requirements prior to beginning work. Some training modules are tailored for specific State regulatory requirements; therefore, Contractors working in multiple states will be required to re-take modules tailored to the state where the contract work is being performed.

ECATSS is available for use by all contractor and subcontractor personnel associated with this project. These other personnel are encouraged (but not required) to take the training and may do so at their discretion.

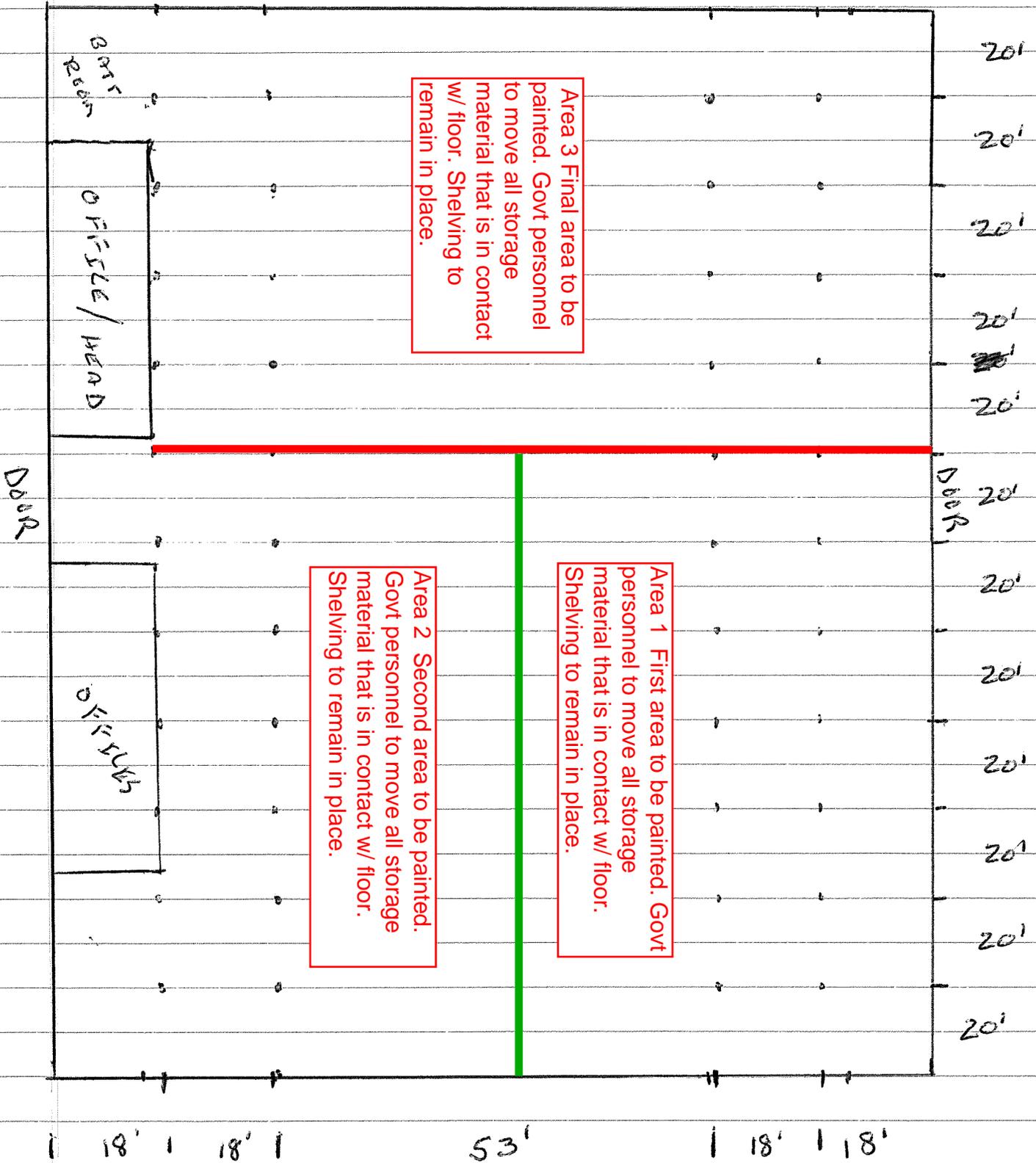
SECTION 00010 - SOLICITATION CONTRACT FORM

CLIN 0001

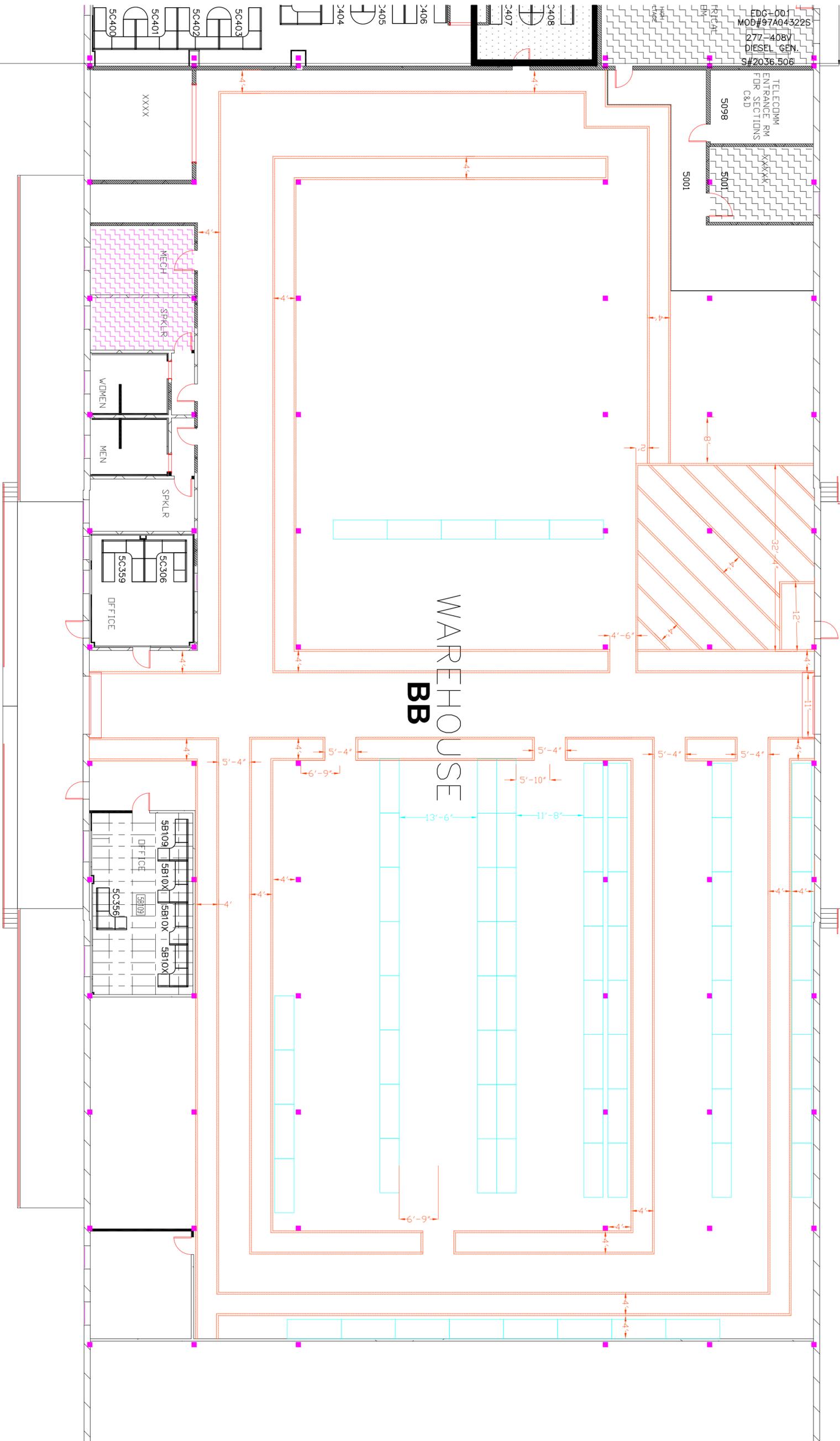
The CLIN extended description has changed from The contractor shall provide all labor, material,

equipment, supplies and supervision to perform a concrete floor assessment and paint warehouse floor area. The warehouse is located at the Naval Support Activity (NSA), Philadelphia. Refer to Section 00100 - Specifications and Conditions, Section 2 for further detailed description of work. to The contractor shall provide all labor, material, equipment, supplies and supervision to perform minor repairs to concrete floor and paint warehouse floor area. The warehouse is located at the Naval Support Activity (NSA), Philadelphia. Refer to Section 00100 - Specifications and Conditions, Section 2 for further detailed description of work..

(End of Summary of Changes)



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# BLDG. #5-B

REVISED FLOOR PLAN 05.18.15.

TABLE I - MATERIALS REQUIREMENTS

TABLE Ia JOINT SEALANT	
Test	Minimum Requirement (maximum where indicated)
Sealant System (two-pack: self-leveling)	Polysulfide (Manganese Cure; MnO <sub>2</sub> ) or Urethane
Percent Volume Solids	100 percent
Chemical Resistance to JP-8 plus 100 Fuel at 21 degrees C (ASTM D1308) (see note 1)	48 hours immersion: 2.0 percent (max) weight increase, 5.0 percent (max) volume increase, 2.0 percent (max) weight loss
Chemical Resistance to Motor Oils at 21 degrees C (ASTM D1308) (see note 1)	48 hours immersion: 2.0 percent (max) weight increase, 5.0 percent (max) volume increase, 2.0 percent (max) weight loss
Test	Minimum Requirement (maximum where indicated)
Sealant System (two-pack: self-leveling)	Polysulfide (Manganese Cure; MnO <sub>2</sub> ) or Urethane
Percent Volume Solids	100 percent
Chemical Resistance to JP-8 plus 100 Fuel at 70 degrees F (ASTM D1308) (see note 1)	48 hours immersion: 2.0 percent (max) weight increase, 5.0 percent (max) volume increase, 2.0 percent (max) weight loss
Chemical Resistance to Motor Oils at 70 degrees F (ASTM D1308) (see note 1)	48 hours immersion: 2.0 percent (max) weight increase, 5.0 percent (max) volume increase, 2.0 percent (max) weight loss
Chemical Resistance to Skydrols at 70 degrees F (ASTM D1308) (see note 1)	48 hours immersion: 2.0 percent (max) weight increase, 5.0 percent (max) volume increase, 2.0 percent (max) weight loss
Hardness (ASTM D2240:Shore A)	20
Tensile Strength (ASTM D412) (or ASTM D638)	150 psi
Percent Elongation (ASTM D412) (or ASTM D638)	500 percent
Tack Free at 65 degrees F (ASTM C679)	12 hours maximum
Adhesion to Concrete	140 psi
Adhesion to Urethane Topcoats (paintable sealant)	140 psi
NOTES: (1) Immerse and test a minimum of three 2 inch by 1/2 inch by 1/2 inch section of cured sealant.	

TABLE 1b THIN FILM FLOORING SYSTEM

<u>Test</u>	<u>Minimum Requirement (maximum where indicated)</u>
Tensile Strength (ASTM D2370)	4.83 MPa
Percent Elongation (ASTM D2370)	5.0 percent
Adhesion to Concrete (ASTM D4541) (see note 1)	2.75 MPa or 100 percent failure in concrete
Thermal Compatibility between Concrete (ASTM C884/C884M)	60 degrees C
Heat Resistance, continuous exposure	"pass"
Chemical Resistance to JP-8 plus 100 Fuel at 21 degrees C (ASTM D1308) (see note 2)	48 hours immersion: 2.0 percent (max) weight increase, 2.0 percent (max) volume increase, 2.0 percent (max) weight loss
Chemical Resistance to Motor Oils at 21 degrees C (ASTM D1308) (see note 2)	48 hours immersion: 2.0 percent (max) weight increase, 2.0 percent (max) volume increase, 2.0 percent (max) weight loss
Chemical Resistance to Skydrols at 21 degrees C (ASTM D1308) (see note 2)	48 hours immersion: 2.0 percent (max) weight increase, 2.0 percent (max) volume increase, 2.0 percent (max) weight loss
Lead (ASTM D3335)	0.06 percent (max)
Cadmium (ASTM D3335)	0.06 percent (max)
Chromium (ASTM D3718)	0.00 percent
NOTES:	
(1) When tested for adhesion, coating system shall display 2.75 MPa adhesion and/or remove no less than 1.0 mm of concrete over 95 percent of each pull-off coupon throughout service.	

TABLE Ib	
<u>Test</u>	<u>Minimum Requirement (maximum where indicated)</u>
(2) Immediately following immersion, in addition to the listed requirements, coating system shall be evaluated for blisters, checks, discoloration, softening, and lifting. Coating system shall be visually free of blisters, checks, discoloration, and display both substrate and intercoat adhesion no less than 2.4 MPa (ASTM D4541).	

TABLE Ib	
<u>Test</u>	<u>Minimum Requirement (maximum where indicated)</u>
Tensile Strength (ASTM D2370)	700 psi
Percent Elongation (ASTM D2370)	5.0 percent
Adhesion to Concrete (ASTM D4541) (see note 1)	400 psi or 100 percent failure in concrete
Thermal Compatibility between Concrete (ASTM C884/C884M)	140 degrees F
Heat Resistance, continuous exposure	"pass"
Chemical Resistance to JP-8 plus 100 Fuel at 70 degrees F (ASTM D1308) (see note 2)	48 hours immersion: 2.0 percent (max) weight increase, 2.0 percent (max) volume increase, 2.0 percent (max) weight loss
Chemical Resistance to Motor Oils at 70 degrees F (ASTM D1308) (see note 2)	48 hours immersion: 2.0 percent (max) weight increase, 2.0 percent (max) volume increase, 2.0 percent (max) weight loss
Chemical Resistance to Skydrols at 70 degrees F (ASTM D1308) (see note 2)	48 hours immersion: 2.0 percent (max) weight increase, 2.0 percent (max) volume increase, 2.0 percent (max) weight loss
Lead (ASTM D3335)	0.06 percent (max)
Cadmium (ASTM D3335)	0.06 percent (max)
Chromium (ASTM D3718)	0.00 percent
NOTES:	

(1) When tested for adhesion, coating system shall display 400 psi adhesion and/or remove no less than 40 mils of concrete over 95 percent of each pull-off coupon throughout service.

TABLE Ib

<u>Test</u>	<u>Minimum Requirement (maximum where indicated)</u>
(2) Immediately following immersion, in addition to the listed requirements, coating system shall be evaluated for blisters, checks, discoloration, softening, and lifting. Coating system shall be visually free of blisters, checks, discoloration, and display both substrate and intercoat adhesion no less than 350 psi (ASTM D4541).	

TABLE Ic PRIMER COAT

<u>Test</u>	<u>Minimum Requirement (maximum where indicated)</u>
Resin System (ASTM D2621)	Epoxy (two-pack)
Percent Volume Solids (ASTM D2697)	85 percent
Color	17925 (white) or 17875 (ultra-light gray)
Hydrolytic Stability (see note 1)	No effect: 30 days immersion in Sodium Hydroxide solution with pH no less than 13.5
Moisture Insensitivity Throughout Service (ASTM F1869, ASTM D4541) (see note 2)	No effect: Insensitive to moisture vapor emission at rates no more than 197.0 micrograms moisture/second, square meter
Adhesion to Concrete Throughout Service (ASTM D4541) (see note 3)	2.75 MPa or 100 percent failure in concrete
NOTES:	
(1) Immediately following immersion, primer shall be evaluated for blisters, checks, discoloration, softening, and substrate lifting. Primer shall appear free of blisters, checks and moderate discoloration, and display wet adhesion no less than 2.4 MPa (ASTM D4541).	

(2) During and following application, primer shall remain unaffected by Moisture Vapor Emission (MVE) at rates no more than 197.0 micrograms moisture per second, square meter: primer shall meet the requirements of Note (3). Signs of moisture sensitivity include blisters, softening, lifting, and discoloration (whitening).

(3) When tested for in-situ adhesion, primer shall display 2.75 MPa adhesion and/or remove no less than 1.0 mm of concrete over 95 percent off each pull-off coupon.

TABLE Ic

<u>Test</u>	<u>Minimum Requirement (maximum where indicated)</u>
Resin System (ASTM D2621)	Epoxy (two-pack)
Percent Volume Solids (ASTM D2697)	85 percent
Color	17925 (white) or 17875 (ultra-light gray)
Hydrolytic Stability (see note 1)	No effect: 30 days immersion in Sodium Hydroxide solution with pH no less than 13.5
Moisture Insensitivity Throughout Service (ASTM F1869, ASTM D4541) (see note 2)	No effect: Insensitive to moisture vapor emission at rates no more than 3.5 pounds moisture/24 hrs, 1000 square feet
Adhesion to Concrete Throughout Service (ASTM D4541) (see note 3)	400 psi or 100 percent failure in concrete

NOTES:

(1) Immediately following immersion, primer shall be evaluated for blisters, checks, discoloration, softening, and substrate lifting. Primer shall appear free of blisters, checks and moderate discoloration, and display wet adhesion no less than 350 psi (ASTM D4541).

(2) During and following application, primer shall remain unaffected by Moisture Vapor Emission (MVE) at rates no more than 3.5 pounds moisture per 24 hours, 1000 square feet: primer shall meet the requirements of Note (3). Signs of moisture sensitivity include blisters, softening, lifting, and discoloration (whitening).

(3) When tested for in-situ adhesion, primer shall display 400 psi adhesion and/or remove no less than 40 mils of concrete over 95 percent off each pull-off coupon.

TABLE Id

TOP COAT URETHANE

Test	Minimum Requirement (maximum where indicated)
Resin System (ASTM D2621)	Aliphatic Urethane (two-pack)
Percent Volume Solids (ASTM D2697)	51 percent
Topcoat Color (FED-STD-595)	17925 (white) or 17875 (ultra-light gray)
Walkway Stripe Color: Red/Orange, semi-gloss (FED-STD-595)	22197 (red/orange)
Application Thickness per Coat	62.5 microns to 80 microns Dry Film Thickness (DFT)
Hiding Power: Red/Orange	Complete hiding of white coatings at 80 microns DFT (one coat)
Sunlight Resistance	Non-yellowing
Heat Resistance, continuous exposure	60 degrees C
Heat Resistance, intermittent exposure	93.3 degrees C
Chemical Resistance to JP-8 plus 100 Fuel at 21 degrees C (ASTM D1308) (see note 1)	48 hours immersion: 1.0 percent (max) weight increase, 1.0 percent (max) volume increase, 1.0 percent (max) weight loss
Chemical Resistance to Motor Oils at 21 degrees C (ASTM D1308) (see note 1)	48 hours immersion: 1.0 percent (max) weight increase, 1.0 percent (max) volume increase, 1.0 percent (max) weight loss
Chemical Resistance to Skydrols at 21 degrees C (ASTM D1308) (see note 1)	48 hours immersion: 1.0 percent (max) weight increase, 1.0 percent (max) volume increase, 1.0 percent (max) weight loss

NOTES:

(1) Immediately following immersion, in addition to the listed requirements, urethane topcoat shall be evaluated for blisters, checks, discoloration, softening, and lifting. Urethane topcoat shall be visually free of blisters, checks, and discoloration, and display adhesion no less than 2.4 MPa (ASTM D4541).

TABLE Id

Test	Minimum Requirement (maximum where indicated)
Resin System (ASTM D2621)	Aliphatic Urethane (two-pack)
Percent Volume Solids (ASTM D2697)	51 percent
Topcoat Color (FED-STD-595)	17925 (white) or 17875 (ultra-light gray)
Walkway Stripe Color: Red/Orange, semi-gloss (FED-STD-595)	22197 (red/orange)
Application Thickness per Coat	2.5 mils to 3.2 Dry Film Thickness(DFT)
Hiding Power: Red/Orange	Complete hiding of white coatings at 3.2 mils DFT(one coat)
Sunlight Resistance	Non-yellowing
Heat Resistance, continuous exposure	140 degrees F
Heat Resistance, intermittent exposure	200 degrees F
Chemical Resistance to JP-8 plus 100 Fuel at 70 degrees F (ASTM D1308) (see note 1)	48 hours immersion: 1.0 percent (max) weight increase, 1.0 percent (max) volume increase, 1.0 percent (max) weight loss
Chemical Resistance to Motor Oils at 70 degrees F (ASTM D1308) (see note 1)	48 hours immersion: 1.0 percent (max) weight increase, 1.0 percent (max) volume increase, 1.0 percent (max) weight loss
Chemical Resistance to Skydrols at 70 degrees F (ASTM D1308) (see note 1)	48 hours immersion: 1.0 percent (max) weight increase, 1.0 percent (max) volume increase, 1.0 percent (max) weight loss
(1) Immediately following immersion, in addition to the listed requirements, urethane topcoat shall be evaluated for blisters, checks, discoloration, softening, and lifting. Urethane topcoat shall be visually free of blisters, checks, and discoloration, and display adhesion no less than 350 psi (ASTM D4541).	