

SECTION 00003

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END OF SECTION

SECTION 01010

SUMMARY OF THE WORK

PART 1 GENERAL

1.01 STATEMENT OF WORK

- A. Scope: The work covered by these construction documents consists of furnishing all supervision, labor, equipment, materials, and appliances necessary to perform all operations required to install, alter, construct and complete the work, all in accordance with these specifications and the applicable drawings, and subject to the terms and conditions of the contract.
- B. Location: The work to be performed is located at Ft. Stewart, Georgia. The work will be performed at the Bryan Village Shoppette.
- C. Principal Features: The work to be performed in connection with this project includes, but is not limited to the following:
 - 1. Activate Subway program work with the following elements:
 - a. Provide selected interior finishes in the major spaces with reworked MPA, offices & breakroom
 - b. Provide lighting / power / auxiliary system changes.
 - c. Provide HVAC systems / plumbing work.
 - d. Modify exteriors to provide new openings.
 - e. Provide and install Snack Avenue equipment per scheduled as well as store fixtures.
 - e. All other work shown on the drawings and/or miscellaneous incidental work not shown that may be required to complete the project.

1.02 BID OPTIONS

- A. **Option 1:** The project shall be bid with the construction to be completed in **60 calendar days**. The shoppette will be shut down entirely during the 60 days with the exception of fuel dispensing. As part of the bid the General Contractor shall make all alterations necessary to the fueling system to insure that fuel can be dispensed with the use of credit and ATM cards.
- B. **Option 2:** The project shall be bid with the phasing plan outlined in the construction documents. Construction shall be completed within **90 calendar days**. The shoppette will remain open during the 90 days and will be conducting retail sales as well as fuel dispensing.
- C. **Option 3:** In the bid for this project the new fire alarm system will be priced separately. This is to include all work associated with the fire alarm system as indicated in the contract documents.

1.03 DRAWINGS AND SPECIFICATIONS

- A. After Contract award, and for construction purposes only, the General Contractor (GC) will be provided with a record set of drawings and specifications and a reproducible set of drawings and specifications. Additional copies will be the responsibility of the General Contractor.

1.04 SUBSTITUTIONS

- A. The materials, products and equipment described in the Bidding Documents establish a standard of required function, dimension, appearance and quality to be met by any proposed substitution.

- B. No substitution will be considered prior to receipt of Bids unless written request for approval has been received by the Contracting Officer or designated representative not less than 10 days prior to the solicitation due date. Such requests shall include the name of the material or equipment for which it is to be substituted and a complete description of the proposed substitution including drawings, performance and test data and other information necessary for an evaluation. A statement setting forth changes in other materials, equipment or other portions of the Work, including changes in the work of other contracts that incorporation of the proposed substitution would require, shall be included. The burden of proof of the merit of the proposed substitution is upon the proposer. The Contracting Officer or designated representative's decision of approval or disapproval of a proposed substitution shall be final.
- C. If the Contracting Officer or designated representative approves a proposed substitution prior to receipt of Bids, such approval will be set forth in an Amendment. Bidders shall not rely upon approvals made in any other manner.
- D. No substitutions will be considered after the Contract award unless specifically provided for in the Contract Documents.

1.05 CONTRACTOR USE OF SITE AND PREMISES

- A. Arrange use of site and premises to allow:
 - 1. Owner occupancy.
 - 2. Work by others.
 - 3. Work by Owner.
 - 4. Use of premises by building occupants and the public.
- B. Time Restrictions.
 - 1. Regular business hours during the week for the Department of Public Works are 7:00AM to 4:00PM, Monday through Friday, excluding Federal Holidays.
 - 2. The Shoppette normal business hours of operation are Monday- Friday -6:30AM -10:00PM, Saturday – Sunday-8:00AM to 5:00PM. Thanksgiving Day -8:00AM to 12:00 am. Christmas Day- Closed
 - 3. Due to the unique nature and aggressive schedule of this project, the Contractor may be required to work 24 hours a day/ 7 days a week. Also, many items of work can only be performed at night after hours once the Shoppette is closed to customers. If Option 1 is selected the entire Shoppette will be available to the Contractor on a 24/7 basis. If Option 2 is selected only the areas for the specific phase of construction will be available to the Contractor on a 24/7 basis. A 24 hour advance notice to The AAFES General Manager is required to confirm on site security is available during non-operation hours. Failure on the part of the Contractor to give this advance notice may result in the facility not being accessible for work. The Contractor shall coordinate this work schedule closely with the AAFES store manager and notify the Installation Military Police prior to performing work after normal business hours.

1.06 LAYING OUT WORK

- A. Dimensions and elevations indicated in layout of work shall be verified by the GC. Discrepancies between drawings, specifications, and existing conditions shall be referred to the Contracting Officer or designated representative in writing for adjustment before

work affected is performed. Failure to make such notifications shall place responsibility upon the GC to carry out work in satisfactory, workmanlike manner without extra costs.

- B. The GC shall be held responsible for the location and elevation of all the construction contemplated by the Construction Documents.
- C. Prior to commencing work, the GC shall carefully compare and check, Architectural, Mechanical and Electrical drawings each with the other, that in any way affect the locations and elevations of the work to be executed by him, and should any discrepancy be found, he shall immediately report the same to the Contracting Officer or designated representative for verification and adjustment. Any duplication of work made necessary by failure or neglect on the GC's part to comply with this function shall be done at his sole expense.
- D. The drawings accompanying these specifications indicate generally the design and arrangement of all apparatus, fixtures, accessories, etc., necessary to complete the work required. The exact location or arrangement of equipment shall be established by shop drawings and is subject to minor changes necessitated by field conditions which shall be made as required without additional cost to AAFES. Measurements shall be verified by actual observations at the construction site, and the GC shall be responsible for all work fitting into place in a satisfactory and workmanlike manner meeting the approval of the Contracting Officer or designated representative.

1.07 HAUL ROUTE AND PROJECT ACCESS AND BORROW SITES

- A. Project access shall be as designated by the Installation. Contractor shall use the Gates designated by the Installation. Haul routes and waste area shall be designated by the Installation. Contractor shall assume that there are no borrow or waste sites available in the Installation.

1.08 EXISTING OVERHEAD OR UNDERGROUND WORK

- A. All existing overhead and underground work is not indicated on drawings. Proposers shall make their own investigations of the site prior to submitting their proposals, and shall fully inform themselves regarding all pertinent conditions.
- B. Carefully check the site and building where the work of this contract is to be placed and observe all existing overhead wires and equipment. All such work shall be protected, as required, whether or not shown on the drawings.
- C. Attention is directed to the existence of pipe and other underground utility improvements which occur at the site. These include storm sewer, sanitary sewer, water, electrical, gas, telephone, and fiber optic communications lines. All reasonable precautions shall be taken to preserve and protect all such improvements, whether or not shown on the drawings. Contact line locators and Post engineering for information on site utilities. An excavation permit, issued by the Installation, is required prior to the Contractor commencing any excavation work. Obtain all required permits from Federal and State agencies having jurisdiction. Include time required to obtain these permits in scheduling activities on site. No extra time will be granted after the Notice to Proceed is issued for obtaining permits.
- D. Exercise extreme care in locating and identifying these utility lines before beginning any

work in adjacent areas.

1.09 GAS SERVICE

- A. Extension of capped off gas service at interior of building will be required as part of the work of this project.

1.10 INTERRUPTION OF EXISTING UTILITIES SERVICES

- A. The GC shall perform the work under this Contract with a minimum of outage time for all utilities. Interruption of service shall be coordinated with the appropriate Utility. In some cases, the GC may be required to perform the work while the existing utility is in service. The existing utilities services may be interrupted only when approved by the Post. When it is necessary to interrupt the existing utilities, the GC shall notify the Post Civil Engineering Office in writing at least 14 days in advance of the time desired for the existing service to be interrupted. The interruption time shall be kept to a minimum. The amount of time requested by the GC for interruption of existing utility services shall be as approved by the Post Civil Engineering Office. All interruptions of existing utilities shall be coordinated by the GC through the Post Civil Engineering Office.

1.11 EXCAVATION

- A. Excavation work is required in relation to providing power for sensor loops and exterior signage and menu boards.

1.12 SAFETY REQUIREMENTS

- A. Standards: Maintain project in accordance with the following safety and insurance standards:
 - 1. The Corps of Engineers Safety and Health Requirements Manual, EM 385-1-1, dated October 1992, as referred to in the General Provisions, paragraph 31, "ACCIDENT PREVENTION".
- B. O.S.H.A. (OSHA) Standards:
 - 1. The General Contractor (GC) will be expected to comply with OSHA Standards. The OSHA Standards are subject to change and such changes may affect the GC in his performance under the contract. It is the GC's responsibility to know such changes and effective dates of changes.
- C. Hazards Control:
 - 1. All hazardous waste generated by this construction activity defined by the Resource Conservation and Recovery Act shall remain the property of the Contractor or his subcontractors, and must be stored, transported, and disposed of in accordance with the requirements of all applicable laws and regulations.
 - 2. Removal or disposal of toxic materials or asbestos is not included in this contract. If the Contractor encounters such materials, he shall stop work and notify the Contracting Officer or designated representative immediately.
- D. Submittals: The General Contractor shall provide a Safety Plan and a Job Hazard Analysis for the Contracting Officer or designated representative's review prior to beginning construction activities.

1.13 WELDING

- A. Prior to commencing any welding, the GC shall obtain a welding permit from the Post Fire Department. Also permits are required for all “chop saw” work with metals.

1.14 BARRICADES AND WARNING DEVICES

- A. The GC shall provide and maintain barricades and lighting devices, in accordance with manual for uniform traffic control devices in the Georgia Department of Transportation Manual, current Edition, at all points of excavation and construction within perimeter of construction site. Conform to all OSHA requirements for personnel safety.

1.15 PROTECTION FOR OPEN FLAME DEVICES

- A. When open flame and/or spark producing devices, i.e., acetylene oxygen welding equipment, electric arc welding, etc., are employed for job accomplishment, the following procedures are mandatory:
 - 1. Inspect all surroundings and equipment to insure that combustible substances are not present in any area where contact of metal at a temperature above the flashpoint of any compound is possible.
 - 2. Insure that no open containers or spills of combustible substances are present.
 - 3. Insure that ignition is not possible by conduction, convection, radiation, or dispersion of molten metal.
- B. Proper protection equipment and practices will be used, i.e., fire-resistant blankets, wetting or surrounding area, removal of combustible materials where practicable, earth filled backing, portable fire extinguishers of proper type on hand.
- C. When open flame devices are to be used, a permit is required and notification to the Base Fire Department is required.

1.16 FIRE PROTECTION

- A. The GC shall at all times maintain good housekeeping practices to reduce the risk of the fire damage. All scrap materials, rubbish, and trash shall be removed daily from in and about the building and shall not be permitted to be scattered on adjacent property.
- B. Suitable storage space shall be provided outside the immediate building area for storing flammable materials and paints; no storage will be permitted in the building. Excess flammable liquids being used inside the building shall be kept in closed metal containers and removed from the building when not in use.
- C. A fire extinguisher shall be available at each location where cutting and welding is being performed. Where electric or gas welding or cutting is done, interposed shields of incombustible material shall be used to protect against fire damage due to sparks and hot metal. When temporary heating devices are used, a watchman shall be present to cover periods when other workman are not on the premises.
- D. The GC shall provide fire extinguishers in accordance with the recommendations of NFPA Nos. 10 and 241. However, a minimum of two fire extinguishers shall be available for the building during the construction period.
- E. Fire Codes: The GC shall obey all requirements of the national fire codes, installation fire regulations, and the UFC 3-600-01 manual as they relate to the work on this project.

1.17 WORK BY OTHERS

- A. Work Not Included: Except for such auxiliary work as is shown or specified or is necessary as a part of the construction, the following work is not included in the Contract:
 - 1. Any work shown, but marked "NOT IN CONTRACT" (NIC).
 - 2. Any work indicated to be furnished and installed by AAFES (AF/AI).
 - 3. Any work indicated to be furnished and installed by the AAFES Vendors or Concessionaires.

1.18 AAFES-FURNISHED AND AAFES-INSTALLED EQUIPMENT (AF/AI)

- A. Attention is called to the GENERAL PROVISIONS concerning work by others under separate Contract. The following items will be furnished and installed by AAFES under separate contracts during the GC's performance period:
 - 1. Flat Screen Monitors.
 - 2. Cash registers, Point of Sale counters (Electrical service by GC)
 - 3. Smallware Package.
 - 4. Walk-in freezers and coolers.
 - 5. Signage designated as "AF/AI"
 - 6. Snack Avenue Counters/equipment.
 - 7. Shelving and display and storage units.
 - 8. Office furniture and equipment,
- B. At the Contracting Officer or designated representative's option, additional equipment will be furnished and/or installed.

1.19 AAFES FURNISHED-CONTRACTOR INSTALLED ITEMS (AF/CI)

- A. AAFES shall furnish and install certain items/equipment as indicated on the plans. AAFES furnished items will be received at the job site by a representative of the local exchange. The G.C. will provide power to all units and final hook-up of power at all required locations.
- B. The GC shall construct all openings, furnish and install required sleeves, and furnish and install all reinforcing miscellaneous supports, angles, plates, anchors, and bolts, cover plates and fitments necessary to secure AAFES-furnished equipment in place.
- C. The GC shall include in the Construction Schedule, dates for which the AAFES-furnished items will be required on the site. AAFES requires these dates within 15 days of award of contract.
- D. If the GC subsequently requests a change to the delivery date, the Contracting Officer or designated representative will use his reasonable best efforts to effect the change. Any request must be made at least thirty (30) days in advance of the scheduled delivery date, and must be in writing. Failure to provide this notice, or if provided, inability of the Contracting Officer or designated representative to effect the change for any reason shall not constitute a basis for a claim under the Contract to store, protect, and install the AF/CI equipment.

1.20 LINING OF JOINTS IN FINISHED MATERIALS

- A. It shall be the responsibility of the GC to make certain in the installation of jointed floor, wall, and ceiling materials that:
 - 1. The joints line through in a straight line and in both directions wherever possible.
 - 2. The joints relate to all openings and breaks in the structure and are symmetrically placed wherever possible. This includes heating registers, light fixtures, paneling, equipment, etc.
 - 3. If, because of the non-related sizes of the various materials and locations of openings, etc., it is not possible to accomplish the above, the GC shall meet the Contracting Officer or designated representative to determine the most satisfactory arrangement.

The GC shall establish center lines for all trades.

1.21 INTEGRATING EXISTING WORK

- A. All existing streets, the building where the work occurs, adjacent buildings, and other improvements shall be protected from damage.
- B. The GC's operations shall be confined to the immediate vicinity of the new work and shall not in any way interfere with or obstruct the ingress or egress to and from street or adjacent property.
- C. Where new work is to be connected to existing work, special care shall be exercised not to disturb or damage the existing work more than necessary. All damaged work shall be replaced, repaired, and restored to its original condition at no cost to AAFES.

1.22 HEADROOM UNDER PIPES

- A. All horizontal runs of plumbing and heating pipes and/or electrical conduit suspended from ceilings shall provide for a maximum headroom clearance, but in no case shall this clearance be less than 6'-9" without written consent from the Contracting Officer or designated representative. Where piping or conduit is left exposed within a room, it shall be true to plumb or horizontal and parallel to the walls. Where possible, uniform margins are to be maintained between parallel lines and/or adjacent wall, floor, or ceiling surfaces.

1.23 PATCHING GOVERNMENT-OWNED FACILITIES

- A. Government-owned structures, facilities, streets, curbs, walks, etc., that are damaged or removed due to required excavations or other construction work, shall be patched, repaired or replaced by the GC, to the satisfaction of the Contracting Officer or designated representative and the Post Civil Engineer Office. All utility lines on under streets shall be jacked and bored, not trenched.

1.24 LOCATION OF EQUIPMENT AND PIPING

- A. Drawings showing location of equipment, piping, ductwork, etc., are diagrammatic and job conditions do not always permit their installation in the location shown. When this situation occurs, it shall be brought to the Contracting Officer or designated representative's attention immediately and the new location determined in a joint conference. Installation in and between framing members is required. The GC will be held responsible for any additional cost of installation in a new location. Items relocated without the approval of the Contracting Officer or designated representative may require relocation. The GC shall remove and relocate such items at his own expense if so directed by the Contracting Officer or designated representative.

1.25 OVERLOADING

- A. The GC shall be responsible for not overloading any part or parts of structures beyond their safe calculated carrying capacities during construction by placing of materials, equipment, tools, machinery, or any other item thereon. No loads shall be placed on floors or roofs before they have attained their permanent and safe strength.

1.26 STANDARDS

- A. Any materials specified by reference to the number, symbol, or title of a specific standard such as Commercial Standard, a Federal Specification, a trade association standard, or other national standard, shall comply with the requirements in the latest revision thereof, and any amendment or supplement thereto, in effect on the date of invitation for proposals, except as limited to type, class or grade, or modified in such reference, and except as

otherwise indicated.

- B. The standard referred to, except as modified in the specifications, shall have full force and effect as though printed in these specifications. These standards are not furnished to bidders for the reason that the manufacturers and trades involved are assumed to be familiar with their requirements.
 - 1. Where Federal Specifications are referred to as a measure of quality and standard, they refer to Federal Specifications established by the Procurement Division of the United States Government and are available from the Superintendent of Documents, U.S. Government Printing Office.
 - 2. Where Federal Specification numbers are used, they refer to the latest edition including amendment thereto.
 - 3. Where Commercial Standards are referred to as a measure of quality, standard, and method of fabrication, they refer to Commercial Standards, and method of fabrication, they refer to Commercial Standards issued by the U.S. Department of Commerce.
 - 4. Where ASTM Serial Numbers are used, they refer to the latest tentative specifications, standards specifications, standards methods, or standard method of testing issued by the American Society for Testing and Materials.

1.27 CERTIFICATE OF CONFORMANCE

- A. Except where tests and/or inspections in connection with structural materials are specified or required by applicable laws, rules and regulations, manufacturer's certificate covering conformance with the requirements of the above mentioned Federal Specifications and Commercial Standards may be acceptable in lieu of test for such items. Such certificates shall be furnished to the Contracting Officer or designated representative for all items so specified.

1.28 OCCUPANCY BY AAFES

- A. AAFES shall reserve the right and privilege of partial occupancy during and prior to the absolute completion of the total work. Access shall be allowed at all times to AAFES and its own Contractors in the endeavor.

1.29 AAFES CONTRACTS

- A. The GC's attention is called to General Provision titled, "Other Contracts", and provision titled "Final Inspection and Acceptance", paragraph referring to "use and possession prior to completion", the AAFES plans to install equipment in the following areas as noted below prior to completion date:

<u>DESCRIPTION</u>	<u>DAYS PRIOR TO CONTRACT COMPLETION DATE</u>
AAFES Start Installation of Food Service Fixtures	30 Days

1.30 TESTS AND REPORTS

- A. **NOT USED.**

1.31 GUARANTEE AND EXTENDED GUARANTEE

- A. Upon completion of project, prior to final payment, guarantees required by technical division of specifications shall be properly executed in quadruplicate by subcontractors and submitted to the Contracting Officer or designated representative. Delivery of guarantees shall not relieve the GC from any obligation assumed under the Contract.

- B. Submit guarantee covering entire project for one year. In addition, where separate guarantees for certain portions of work are for longer periods, the GC's guarantee shall be extended to cover such longer periods. Copies of the guarantees shall be inserted into the Maintenance Manuals. In cases where the manufacturer's standard commercial warranty (i.e., roofing systems, mechanical components, hardware, etc.) is longer than one year, standard commercial warranty period shall be provided.
- C. Guarantee shall become valid and operative upon acceptance by AAFES.

1.32 REFERENCES

- A. All references to the word "Government" in the specifications shall mean Army and Air Force Exchange Service (AAFES), except guarantees which shall be "Government".
- B. Wherever the term "Not in Mechanical Contract" (NIMC) or the term "Not in Electrical Contract" (NIEC) is used in the specifications and on the drawings, it shall be interpreted to mean that the work is not a part of the particular sub-trade BUT IS INCLUDED under some other trade of the Contract. Wherever the term "Not in Contract" (NIC) is used, it shall be interpreted to mean that the item of work is not a part of the Contract, except as may be otherwise noted.
- C. Definitions:
 1. Vendor: Person or persons selling any material item.
 2. Installation: Military facility where the project is being built.
 3. Concessionaire: Person who is directly responsible for operation of the concessions.
 4. Architect-Engineer: That person or firm responsible for preparing the contract drawings and specifications.
 5. AAFES or Exchange: Army and Air Force Exchange Service.
 6. Inspection Agency: AAFES, Project Manager.
 7. Installation/Facility Engineers: Responsible installation engineer.

1.33 SUBMISSION OF PHOTOGRAPHS

- A. The GC shall submit to the Contracting Officer or designated representative photographs taken on or about the first of every month, showing the general conditions of work as viewed from the north, south, east, west. Photographs (digital) must accompany each Application for Payment. Each picture shall be identified by date of exposure, project title, description of content, and AAFES Project Number.

1.34 NORMAL ACTIVITIES AND ENVIRONMENTAL CONDITIONS FOR FT. STEWART, GEORGIA

- A. Ft. Stewart does not allow burning. Do not burn anything on site.
- B. At times force protection and national security requirements may mean that the Contractor will not be able to access the Post or that access will be delayed. These are normal activities for Ft. Stewart and the Contractor shall expect that construction activities may be impacted as a result of Ft. Stewart normal activities.

1.35 INFORMATION PROCEDURES DURING CONSTRUCTION (RFI's)

- A. It is recognized that technical questions will arise during the course of the construction of this project. Contractor shall endeavor to handle these questions in a logical and consistent manner. The preferred method is with RFI's e-mailed to the A/E for action.

1.36 POSTING OF AMENDMENTS AND CHANGE ORDERS

- A. Contractor shall post all amendments, field orders, and change orders in the Contract

drawings and specifications such that they are available for reference at all times on the project site.

1.37 PRICE CHANGES IN MATERIALS AND EQUIPMENT SUBSEQUENT TO BIDDING

- A. The Contractor shall place orders for all systems, materials, and equipment in the project at the earliest possible time. His base bid price is to include what he projects any escalating costs will be. No allowance for increases to the Contract Award Amount will be allowed for systems, materials, and equipment not ordered in a timely fashion. Credit will be allowed for stored materials provided they are identified specifically for use in this project and are stored on site or in a bonded warehouse. AAFES reserves the right to verify all stored materials.

PART 2 PRODUCTS – NOT USED

PART 3 EXECUTION – NOT USED

END OF SECTION

**SECTION 01106
SAFETY POLICIES AND PROCEDURES**

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Contractor required health and safety plan.
 - 1. Contractor is responsible for reading the Risk Assessment Plan and following the directions therein.
 - 2. Contractor must maintain OSHA permissible exposure limits related by the risk assessment: That is, 25 ppm (170 mg/cubic meter) during any 8 hour work shift for a 40-hour week
- B. Sample Construction Hazard Plan.
- C. Sample Safety Plan.

1.2 RELATED SECTIONS

- A. Submittals - Section 01300 (Construction Hazard Plan, Job Safety and Health Plan, Emergency Response Plan).
- B. Record Documents - Section 01720.
- C. Environmental Protection – Section 01420.

1.3 REFERENCES

- A. The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by the basic designation only.
 - 1. OSHA 1910 R.E.G. - 29CFR, OSHA 1910.120
 - 2. U.S. Army Corps of Engineers Publication. – EM 385-1-1: Safety and Health Requirements Manual (Most current version).

1.4 SUBMITTALS

- A. Submittals for AAFES approval - The following items shall be submitted for AAFES approval:
 - 1. Designation of Safety Representative: The Contractor shall designate in writing a qualified employee OSHA Trained under 1910.120 responsible for the overall supervision of all accident prevention activities. Duties shall include ensuring applicable safety requirements are incorporated into work methods and inspecting the job site to ensure that safety measures and instructions are actually being applied. This person shall be on site at all times that work is in progress.
 - 2. The Contractor shall be trained/certified in OSHA 1910.120 procedures. All other employees performing site work will meet OSHA 1910 training requirements for their job capacity.
- B. Submittals for Information Only - The following items shall be Contractor certified:
 - 1. Job Hazard Analysis: Contractor shall develop a job hazard analysis for presentation at the pre-construction conference. The Contractor's job hazard analysis shall list potential hazards that could arise during the course of the work.
 - 2. Job Safety and Health Plan.

- a. The Contractor shall develop a Job Safety and Health Plan for presentation at the Pre-construction conference. The Contractor's Safety Plan shall make whatever provisions are necessary to conduct his work in accordance with current OSHA standards.
- b. The safety and health plan must specifically address the excavation portion of construction and will be specific to perchloroethylene (tetrachloroethylene) (PCE) and incorporate decontamination procedures for personnel and equipment, continuous vapor monitoring, a prohibition against eating in proximity to the site, and a prohibition against the smoking of tobacco products in the proximity to the site.
- c. The following are minimum requirements for the health and safety plan:
 - 1. The Contractor is responsible for all compounds and degradation products addressed by the Risk Assessment Plan.
 - 2. Specialized Designs: Specialized designs will be provided when the situation requires. Examples of such designs include, but are not limited to, vapor barriers in areas of known vapor hazard.
 - 3. Safety Plans: Safety Plans will be the responsibility of the Contractor for construction areas identified by the installation and/or AAFES as areas of known hazards only. These plans are required by 29 CFR 1910 and are the responsibility of the Contractor. This requirement will be coordinated through the Health and Safety Program of the military installation by the Contractor.
 - 4. Minimum Requirements for the Health and Safety Plan are as follows:
 - (a) Must be kept on site, and must be written.
 - (b) Will contain a hazard analysis (safety and health risk) for each site task and operation (to be supplied by the installation).
 - (c) Will include employee training (per paragraph (3) of 1910.120).
 - (d) Will include personal protective equipment to be used by employees for each of the site tasks and operations (paragraph (g) (5) of 1910.120).
 - (e) Will include provision for medical surveillance (paragraph (f) of 1910.120).
 - (f) Will include the frequency and types of air monitoring, personal monitoring, environmental sampling techniques, instruments to be used (their maintenance and calibration).
 - (g) Will include a site control program (per paragraph (d) of 1910.120) to be coordinated with the installation.
 - (h) Will include a decontamination procedure (per paragraph (k) of 1910.120).
 - (i) Will include an emergency response plan (per paragraph (1) of 1910.120).
 - (j). Will include a confined space entry procedure (per 1910.146, 147 or program equivalent).
 - (k). Will include provision for spill containment (per paragraph (j) of 1910.120).
 - (l) Will include pre-entry briefings (prior to each site task activity) for all employees involved in the task, supervision, or emergency response.
 - (m) Written verification of adherence to the "plan" by a Safety and Health Supervisor is required (the supervisor must meet the 1910.120 training requirements for supervisors).
 - (n) Deficiencies will be corrected immediately upon discovery and after consultation with the AAFES Contracting Officer and Installation Safety Office.
- d. Hazard Response Plan: The unplanned or non-predicted discovery of such hazards as transite pipe, contaminated soils, and other possible hazards will be addressed within an Emergency Response Plan (EMR) by all contractors. This requirement will be coordinated through the Health and Safety Program of the military installation by the contractor (sample provided).
- e. Material Safety Data Sheets will be maintained at the site for all hazardous materials in use.

1.5 MONTHLY SAFETY MEETINGS

- A. The Installation will schedule subsequent safety meetings with Contractor and subcontractor personnel on a monthly basis. The Owner's representative and installation will attend periodically. Minutes of safety meetings shall be prepared and signed by the Contractor. Concurrence signed by Inspection Section and the original submitted to the Contracting Officer for inclusion in the contract file.

1.6 ACCIDENT REPORTING AND RECORD KEEPING

A. Accident reporting and record keeping shall be in accordance with Base requirements. Telephonic reports of injuries or property damage will be made as soon as possible after the incident and will be followed by a copy of an Accident Report.

1.7 LIFE OF CONTRACT REQUIREMENTS

A. The Contractor shall comply with all provisions of this section during the life of the contract.

1.8 HEAD PROTECTION (HARD HATS)

A. All work sites under this contract are designated Hard Hat Areas. The Contractor shall post the area and shall ensure that all personnel, vendors and visitors use hard hats while within the limits of the work site.

END OF SECTION 01106

SECTION 01220

PROGRESS MEETINGS

PART 1 - GENERAL

1.01 RELATED REQUIREMENTS SPECIFIED ELSEWHERE

- A. Summary of the Work: Section 01010.
- B. Submittals: Section 01300.
- C. Project Record Documents: Section 01720.

1.02 PROGRESS MEETINGS - GENERAL CONTRACTOR'S (GC) RESPONSIBILITY

- A. Prepare agendas.
- B. Make physical arrangements for meetings.
- C. Preside at meetings.

1.03 ATTENDANCE

- A. The Contracting Officer or designated representative will attend meetings to ascertain that work is expedited consistent with construction schedule and with Contract Documents.

1.04 PRE-CONSTRUCTION MEETING

- A. Date schedule by the Contracting Officer or designated representative.
- B. Attendance:
 - 1. AAFES Representative.
 - 2. Contracting Officer or designated representative and his consultants.
 - a. Representatives of Governmental or other Regulatory Agencies. This includes representatives of the Installation.
 - b. General Contractor and his major subcontractors.
- C. Minimum Agenda:
 - 1. Distribute and discuss:
 - a. List of major subcontractors.
 - b. Tentative Construction Schedule.
 - c. Critical work sequencing.
 - d. Designation of responsible personnel.
 - e. Processing of field decisions and Change Orders.
 - f. Adequacy of distribution of Contract Documents.
 - g. Submittal of shop drawings, project data and samples.
 - h. Procedures for maintaining Record Documents.
 - i. Use of premises:
 - 1) Office and storage areas.
 - 2) AAFES requirements.
 - j. Major equipment deliveries and priorities.
 - k. Safety and first aid procedures.
 - l. Security procedures.
 - m. Housekeeping procedures.

1.05 PROGRESS MEETINGS

- A. Schedule meetings as determined by the GC and Contracting Officer or designated representative.
- B. Hold called meetings as progress of work dictates (minimum 1 every month).

ACTIVATE SUBWAY

- C. Location of Meetings: Job Site or as directed in notice.
- D. Architect shall record meeting minutes, and distribute copies to the participants, including the AAFES Contracting Officer, within three (3) business days of the meeting
- E. Attendance:
 - 1. Contracting Officer or designated representative.
 - 2. Subcontractors as pertinent to agenda.
 - 3. Safety Representative.
 - 4. Representative of Post "CIVIL ENGINEERING OFFICE" at the Installation).
 - 5. Minimum Agenda.
 - a. Review, approve minutes of previous meeting.
 - b. Review, work progress since last meeting.
 - c. Note field observations, problems, and decisions.
 - d. Identify problems which impede planned progress.
 - e. Review off-site fabrication problems.
 - f. Develop corrective measures and procedures to regain planned schedule.
 - g. Revise Construction Schedule as indicated.
 - h. Plan progress during next work period.
 - i. Review submittal schedules, expedite as required to maintain schedule.
 - j. Maintain quality and work standards.
 - k. Review changes proposed by AAFES for:
 - 1) Affect on Construction Schedule.
 - 2) Affect on completion date.
 - l. Complete other current business.

END OF SECTION

SECTION 01430
CONSTRUCTION PHASING

PART 1 GENERAL

1.01 RELATED SECTIONS

- A. Section 01010 - Summary of Project
- B. Section 01300 - Submittals: Construction Progress Schedules.
- C. Section 01220 - Progress Meetings.

1.02 GENERAL

- A. The construction phasing shall serve as a guide in managing the construction progress.
- B. The Owner has determined that phased construction to allow owner occupancy during work to allow Owner occupancy during the work of this project may be in their best interest. If the Owner elects to use phased approach to project delivery. Contractor shall follow phasing requirements included in the contract documents.

1.03 COORDINATION

- A. Construction shall be phased and coordinated with the Contracting Officer in order to keep to a minimum, any disruption of, or interference with, the operation of the existing retail facility. The Contractor shall notify the Contracting Officer, within 15 days of notice to proceed, if any problems occur concerning specified construction phasing. The Shoppette will be in operation, throughout the duration of this contract if the phasing plan is selected. Contractor shall submit, in accordance with Section 01520, Contractor's Prepared Construction Progress Schedule System, a detailed schedule of work utilizing the priority and sequence of work shown on the Construction Phasing Plan. The Contractor shall keep the Contracting Officer advised of any anticipated changes in the work schedule in sufficient time to permit adjustment of store operations, without adversely affecting the ability of the Shoppette to function as necessary. In instances where the Shoppette must vacate an area prior to the Contractor initiating work, sufficient time for the Shoppette to move fixtures and merchandise as necessary shall be identified in the Contractor's Prepared Construction Progress Schedule System for phased construction
- B. Schedule: The phasing as shown on the drawings is the required sequence. The Contractor must submit suggested revisions if any to the schedule, for review, to the Contracting Officer within 15 days after execution of a contract. Items specified herein are complementary to work items shown on the drawings schedule.
- C. Beneficial occupancy inspection (finishes only) will be made at the end of each phase of work, to allow early access for fixture installations.

1.05 BARRIERS:

- A. Building areas adjacent to areas to be renovated will not be vacated by the AAFES; therefore, barriers shall be erected by the Contractor as work progresses. Provide barriers as specified in the locations indicated, and as required, from floor to ceiling or from floor to underside of roof deck, to seal operational portions of the retail facility from areas of construction. Security walls, however, shall be secured up to the bottom of roof deck. Temporary barriers exposed to customer view shall be painted with two coats of color as approved by the Contracting Officer.
 - 1. Dust Barriers: Where dust barriers are required, provide a temporary framework floor to ceiling, adequately braced, 2" x 4" wood studs or metal studs covered with 6 mil fireproof clear polyethylene fiberglass reinforced film as manufactured by Griffolyn, or equal. Tape all joints, and anchor framework as required for maximum stability.
 - 2. Security Weathertight Barriers: Where security weathertight barriers are required, provide a temporary framework adequately braced metal studs with 1/2" plywood on the exterior side and 1/2" gypsum board or plywood on the interior, attached with screws, not nailed.
 - 3. Doors in Barriers: Provide doors in barriers for the contractor's access to the work, of similar construction to the barrier in which it occurs. Gates shall be hinged, braced, and

provided with types of locks in accordance with Exchange security. These shall be double high security padlocks.

4. Rope Barriers: Provide temporary barriers consisting of rope, saw horses, and color flags to control areas as required.

1.06 MATERIALS:

- A. All isolation valves and temporary ductwork used to keep system on line in occupied phases for mechanical systems (air-handling units, supply piping, water lines, sprinklers, and other similar items) shall be included by the Contractor at no additional cost to the AAFES.

1.07 PHASING:

- A. The following is an elaboration of sequence of events indicated on the phasing drawings. It also indicates the rationale that establishes which events have preceding, following, or related activities, and which events can proceed independent of each other.
 1. All indicated work shall be accomplished by the Contractor unless specifically identified as an AAFES responsibility. The major items of work in each phase are described. Other items of work not listed but required to complete each phase of work must be accomplished within each phase.
 - a. Mobilization to be accomplished within 15 calendar days from Notice to Proceed.
 - b. Personnel Processing and Badging to be accomplished within 15 days from Notice to Proceed.
- B. Phase 1: Completion in 30 calendar days from Notice to Proceed. Phase 1 work includes:
 1. AAFES to remove existing shoppette fixtures and merchandise. Allow 3 days (included in the 30 days).
 2. Remove exterior walk-in cooler/freezer under canopy and provide new walk-in cooler/freezer. Remove existing flooring to top of existing slab.
 3. Redevelop current office area, toilet and unused food activity area (Blimpies) to become new layout for these areas.
 4. Shoppette sales areas and gasoline sales and vestibule remain in service.
- C. Phase 2: Completion in 15 calendar days. Phase 2 work includes:
 1. AAFES to remove existing Shoppette fixtures and merchandise. Allow 3 days (included in the 15 days).
 2. Remove existing interior walk-in cooler. Install new interior walk-in cooler and redevelop existing MPA 102 area. Remove existing flooring to top of existing slab.
 3. Exterior walk-in cooler/freezer already installed under Phase 1 as well as expanded MPA 104, Manager's office 105 and break 106, already completed.
 4. Install new door and frame at Doorway 102
- D. Phase 3: Completion in 25 calendar days. Phase 3 work includes:
 1. AAFES to remove existing Shoppette fixtures and merchandise. Allow 3 days (included in the 25 days).
 2. Remove existing Snack Avenue equipment and counter, remove existing checkout counters and remove existing flooring to top of existing slab. Install new flooring, new Snack Avenue counters, equipment and check-out area.
- E. Phase 4: Completion in 20 calendar days. Phase 4 work includes:
 1. AAFES to remove existing Shoppette fixtures and merchandise. Allow 3 days (included in the 20 days).
 2. Perform all work in Shoppette proper. Remove existing flooring to top of existing slab. Install new floor in entire Shoppette area.
 3. Reimage work in existing Shoppette area.
 4. AAFES to do final setup of fixtures and merchandising. Allow 3 days (included in the 20 days).

1.08 GENERAL NOTES: ALL NEW AND EXISTING BUILDING CONSTRUCTION AREA WORK ITEMS (PHASES 1,2,3, &4)

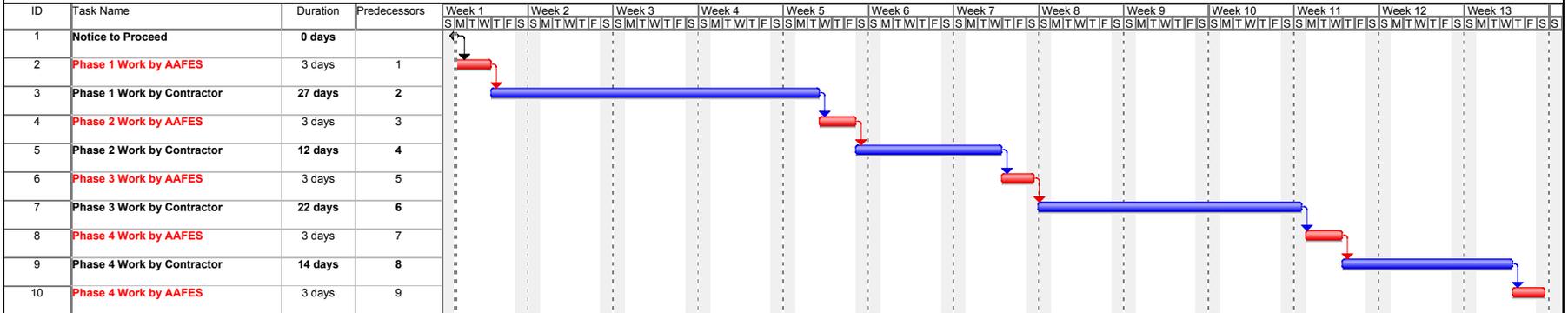
- A. SITE PREPARATION
 - 1. Erect temporary barriers where necessary to redirect traffic.
 - 2. Erect chain link fence and gates as indicated on drawing before the start of any work.
- B. Architectural Systems:
 - 1. Erect barriers as shown:
 - a. Protective barriers for access to retail sales area.
 - b. Interior barriers.
 - c. Begin demolition work.
- D. Air Conditioning and Heating System:
 - 1. Install required valves and piping at connection points. Shut down of the air conditioning or heating system to install valves and duct changes, and cut off shall be accomplished at a time of low air conditioning or heating requirements in the Shoppette, and be of minimum duration. Proposed shutdowns of air conditioning or heating system shall be coordinated with AAFES. Install control air compressor at mechanical equipment room, if required.
 - 2. Provide security grilles for existing penetrations through existing roof and walls of retail sales. These security grilles will be temporary until new ducts are installed.
 - 3. Connect new control air lines to existing control air (for pneumatic control for pneumatic thermostats).
 - 4. Install new air handling units, piping, grilles, diffusers, variable air volumes units and electric cabinet heaters as construction progresses.
- E. Electrical Systems:
 - 1. Rework electrical systems to allow for continual service to retail area.
 - 2. Install electrical distribution and telephone to existing construction.
 - 3. All of the above work shall be completed without disruption of store operation during normal business working hours.
- F. Plumbing System:
 - 1. Install all required piping and valves at the connection points. Shutdown of the plumbing systems to make necessary connections and extensions shall be accomplished at a time so as not to interfere with operation of the Shoppette, and shall be of minimum duration. All proposed shutdowns of the plumbing systems shall be coordinated with AAFES.
- G. Electrical Security Systems:
 - 1. Temporarily modify the alarm system to allow access during working hours to the temporary entrances.

END OF SECTION

AAFES BRYAN VILLAGE SHOPPETTE IMAGE UPGRADE FORT STEWART, GEORGIA

AAFES PROJECT NO. 0756-10-000007

90-CALENDAR-DAY PROJECT SCHEDULE FOR PHASED CONSTRUCTION



Project: Bryan Village Shoppette-R	Task		Summary		Rolled Up Progress		Project Summary	
	Progress		Rolled Up Task		Split		Group By Summary	
	Milestone		Rolled Up Milestone		External Tasks		Deadline	

SECTION 01590
FIELD OFFICES AND SHEDS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Temporary field offices and sheds.
- B. Temporary field offices for use of Contractor.
- C. Maintenance, cleaning, and removal.

1.02 RELATED REQUIREMENTS

- A. Section 01500 - Temporary Facilities and Controls:
 - 1. Telephone/Communications.
 - 2. Toilet Facilities.

1.03 USE OF EXISTING FACILITIES

- A. Existing facilities shall not be used for field offices.

1.04 USE OF PERMANENT FACILITIES

- A. Permanent facilities shall not be used for field offices.

PART 2 PRODUCTS

2.01 MATERIALS, EQUIPMENT, FURNISHINGS

- A. Materials, Equipment, Furnishings: Serviceable, new or used, adequate for required purpose.

2.02 CONSTRUCTION

- A. Portable or mobile buildings, or buildings constructed with floors raised above ground, securely fixed to foundations, with steps and landings at entrance doors.
- B. Construction: Structurally sound, secure, weather tight enclosures for office. Maintain during progress of Work; remove at completion of Work.
- C. Temperature Transmission Resistance of Floors, Walls, and Ceilings: Compatible with occupancy requirements.
- D. Exterior Materials: Weather resistant, finished in one color acceptable to Contracting Officer
- E. Interior Materials in Offices: Sheet type materials for walls and ceilings, prefinished or painted; resilient floors and bases.
- F. Lighting for Offices: 50 fc at desk top height, exterior lighting at entrance doors.
- G. Fire Extinguishers: One 10# standard dry chemical (ABC) type fire extinguisher at each office and at each storage area.
- H. Interior Materials in Storage Sheds: As required to provide specified conditions for storage of products.

2.03 ENVIRONMENTAL CONTROL

- A. Heating Cooling and Ventilating for Offices: Automatic equipment to maintain 68 degrees F. for heating and 76 degrees F for cooling.
- B. Storage Spaces: Heating and ventilation as needed to maintain Products in accordance with Contract Documents; adequate lighting for maintenance and inspection of Products.

2.04 RESTROOM

- A. Provide one unisex restroom, accessible from the conference area. Provide privacy lock.
 - 1. Restroom shall be equipped as follows:
 - a. Water closet.
 - b. Lavatory.
 - c. Mirror.
 - d. Soap dispenser.

- e. Paper towel dispenser.
 - f. Waste basket.
 - g. Shelf or small cabinet suitable for storage of paper goods, hand soap, and cleaning supplies.
- B. Sanitary connection.
- 1. Provide temporary sanitary connection to existing onsite sanitary line, if feasible.
 - 2. If a temporary sanitary connection to existing onsite lines is not feasible, provide holding tank to be serviced by same company furnishing and maintaining the portable chemical toilets on the job site.

2.05 CONTRACTOR OFFICE AND FACILITIES

- A. Size: For Contractor's needs and to provide space for project meetings. Minimum size 150 square feet
- B. Telephone: The Contractor shall install, maintain and pay for telephone service for the Contractor's field office including an answering device and outside bell.
- C. Internet, E-Mail, and Fax: Install, maintain and pay for services for Contractor's Field Office.
- D. Furnishings in Meeting Area: Conference table and chairs to seat at least eight persons; racks and files for Contract Documents, submittals, and project record documents.
- E. Other Furnishings: Contractor's option.
- F. Equipment and Supplies:
 - 1. First aid supplies
 - 2. Hardhats for visitors use: 10 adjustable band protective helmets.
 - 3. One 10" outdoor weather thermometer.

PART 3 EXECUTION

3.01 PREPARATION

- A. Fill and grade sites for temporary structures to provide drainage away from buildings.

3.02 INSTALLATION

- A. Install office spaces ready for occupancy 15 days after date fixed in Notice to Proceed.
- B. Employee Residential Occupancy: Not allowed on Owner's property.
- C. Location to be agreed upon with Installation.

3.03 MAINTENANCE AND CLEANING

- A. Weekly janitorial services for offices; periodic cleaning and maintenance for offices.
- B. Maintain approach walks free of mud, water, and snow.

3.04 REMOVAL

- A. At completion of Work remove buildings, foundations, utility services, and debris. Restore areas.

END OF SECTION

