The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning 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 your 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.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

13-0073 Interior/Exterior Repairs, Bldg 324

1. Omit Temporary Trailer floor plan provided on sheet C-502. Refer to the attached 01 59 00 Temporary Trailers for Displaced Tenants for required floor plan.

2. Omit CMU reinforced foundation wall, as shown on C-502 and provide foundation wall per the attached 01 59 00 Temporary Trailers for Displaced Tenants.

3. Omit the Temporary Trailer communications pathway layout shown on E-105. Refer to Attachment 1 and attached specification section 01 59 00 for communication pathway/cabling requirements.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15B. CONTRACTOR/OFFEROR

16B. UNITED STATES OF AMERICA

15C. DATE SIGNED

16C. DATE SIGNED
PART 1 GENERAL

1.1 SUBMITTALS

Submit the following.

SD-02 Shop Drawings

  a. Foundation/pier plan
  b. Underpinning

SD-03 Product Data

Trailer Manufacturer's Literature

1.2 SCHEDULING THE WORK

The Contractor shall provide and install (2) double-wide office trailer(s) as specified herein complete and ready for occupancy.

1.2.1 Upon Request or After Completion

Upon request by the Contracting Officer or after completion of all work, the Contractor shall have three weeks to remove the trailer(s), including all utility services, steps, foundations, and other associated materials. The grounds shall be restored to the original condition. Repair to original condition any damage to grassed or paved areas caused by mobile building or by anchoring.

PART 2 PRODUCTS

2.1 Hardened Office Trailers

Provide 2-hardened trailers approximately 24 ft. wide by 50 ft. long located per sheet C-101. Each trailer shall contain (4)8’x10’ offices, located on the exterior corners of the trailer, (1) unisex head, and a large open office area in the center of the trailer.

Submit floor plans for each trailer for approval to include location of lights, HVAC systems, doors, walls, windows, electrical receptacles, switches, SIPR and NIPR cabinet, and faceplate locations. Also provide pathway layout to ensure that separation distance are met. Coordinate with the Contracting Officer and Base Telephone prior to the commencement of communications infrastructure installation to ensure compliance. All openings such as ducts and vents shall be kept less than 96 square inches. Openings greater than 96 square inches shall be hardened per:

Military Handbook 1012/1A
SECNAVINST 5510.36
10A-2 SECNAVINST 5510.3
Each trailer shall be structurally sound, weather tight enclosures conform to the minimum requirements.

a. nominal 2 x 4 wall construction

b. nominal 2 x 6 floor joists with 5/8-inch plywood decking

c. R-11 insulation in floor and walls

d. R-14 insulation in ceiling.

e. Interior walls coverings shall consist of gypsum wall board. Floor coverings shall have vinyl composition tile.

f. Provide/install (2) exterior doors. Exterior doors shall open outward and all interior doors shall open into the offices or restroom. Exterior doors shall have 3' x 6'-8" x 1-3/4" metal solid core 90 minute fire rating with deadlocking panic hardware, door closers, cipher lock, and X09 lock. All exterior doors shall have peened, brazed, or spot welded hinges to prevent removal. Interior doors shall be wood, solid core with a 20 minute fire rating.

g. Hardened trailers shall be windowless or if windows are present, provide/install 9 gauge metal wire over exterior of windows to prohibit entry. Spot welded metal wire at attachment points to trailer to disallow removal.

h. Provide consistent color scheme on interior and exterior as approved by the Contracting Officer. Exterior of the trailer shall be gray, unless otherwise specified by the Contracting Officer. All heads shall include water closet, grab bars, lavatory, mirror, wall mounted soap dispenser, wall mounted paper towel dispenser, and toilet paper holder.

i. Steps and Landing: Durable nonslip materials such as checkered plate metal, treated wood or concrete stairs and landing. Landing at trailer level of size adequate for person to stand on landing and open the door. Railing on both sides of steps and two sides of landing. Trailers and stairs are required to be secured to ensure that they are capable of withstanding three second gust of 130 mph.

j. Provide/install concrete board underpinning around the perimeter of all hardened trailers. The concrete board shall be supported and attached to structurally sound 2x4 framing. 2x4 framing shall be adequately attached to the bottom side of the trailer(top of underpinning) and the ground below around the entire perimeter(bottom of underpinning). Ensure that the framing and concrete board are secure and fit tight to the bottom side of trailer and tight to the ground.

k. Crawlspace under trailer shall be no less than 30 inches with a hatch equipped with a GSA approved lock and security hasp - Sergeant's Greenleaf 8077AD or equivalent.

l. Contractor shall verify/locate all underground utilities prior to trailer installation. All utility and site installation work provided shall meet standards set forth in applicable building code.
m. All excavations and disturbed areas shall have their surfaces restored to their natural state. Backfill shall be compacted in 6" lifts. The top of the backfill will be covered with removed topsoil to 2 inches above the existing grade and disturbed grass or natural groundcover shall be reseeded with grass and covered with 4" cover of hay or straw. Concrete or asphalt shall be repaired to its previous finish and grade.

2.1.1 Telecommunications for Two of More Trailers

If multiple trailers are on a site- one or more central trailers will be used to establish a communications distribution point (comm. trailer) to provide service with all the above plus;

Install one 4 inch PVC conduit / sleeve for every 20 Tele/Comm face plates in trailer from back board in the comm. trailer buried to each other trailer stubbed up 12" in an unobstructed area approximately 12-18 inches within the trailers outer edge. Conduit will provide a path for CAT6 from comm. trailer to additional trailers.

Conduit - shall terminate 3” on the backboard and 3” below the weather barrier under the trailer. All turns in the conduit will be large sweeps, no condo lets or short 90 degree turns allowed. If more than two 90 degree sweeps or a total of more than 180 degrees of change are needed then a weather-proof pull box / hand hole may be required.

Additional communications racks, backboards, and cabinets may be needed depending on the number of trailers and number of comm / data drops. Trailers fed from a central trailer do not require a backboard, lockable cabinet or room unless an additional network classification is resident in that trailer.

Also current base telephone specification 27 10 00 will apply along with all references it contains.

Coordinate with the Contracting Officer and Base Telephone with any questions/concerns.

a. The contractor shall intercept fiber at the fiber entry point to building 324 (located at the back center of the building). Coordinate with the Contracting Officer and Base Telephone to obtain fiber and intercept copper at RP582-4-1 to support the temporary trailers. The contractor shall install 1-4” conduit (approximately 150 lf of 4” conduit), fiber, and copper cabling, per Attachment 1, to the dedicated communications trailer. The communications trailer shall be equipped with a NIPR telecommunications lockable cabinet and a SIPR telecommunications lockable cabinet to serve as the communications distribution point (submit the telecomm cabinets to the contracting officer and base telephone for approval). Install 2-4” conduits from the communications trailer to the second trailer. Install cables for the NIPR system in one of the conduits and cables for the SIPR in the other conduit (follow all separation requirements). Refer to the Red/Black Installation Guidance document for separation requirements for NIPR/SIPR. Contractor shall install telecommunications conduit and cabling in accordance with specification sections 27 10 00 BUILDING COMMUNICATIONS CABLEING
b. For all trailers provide two telecomm outlets in each of the corner 80 sqft. offices, within 6" of the electrical outlets. Also provide a telecomm outlet within 6" of each electrical outlet in the open office area (15 total NIPR faceplates per trailer). Ensure that requirements outlined in 27 10 00 BUILDING COMMUNICATIONS CABLING SYSTEM and 33 82 00 TELECOMMUNICATIONS OUTSIDE PLANT (OSP) are met. Telecom outlets shall be standard double gang box with single gang reducer and 1-1/4 inch conduits stubbed down below floor of trailer for each faceplate. Four RJ-45 jacks per faceplate with 4 cat 6 cables going back to a patch panel in lockable cabinet large enough for all equipment. Provide CAT 32 J hooks under and around the perimeter of trailer fastened to the trailer frame no more than 4 feet apart for cable path. Leave skirting off until after all cables are run. Provide/install two dedicated 20 amp power outlets at the lockable NIPR cabinet and two dedicated 20 amp power outlets at the lockable SIPR cabinet.

c. SIPR pathway and cabling must remain separate from the NIPR pathway and cabling at all times. When installing SIPR cabling from the 4" conduit (below trailers) up through floor ensure that proper separation distances are met. Provide/install 1-SIPR faceplate per 80 sqft office and 5-SIPR faceplates in center open office area (9 total SIPR faceplates per trailer).

d. Trailer floor plans displaying the Communications infrastructure (including all pathway layout, faceplate locations, cabinet locations, etc) shall be submitted to the Contracting Officer for approval prior to any communications work (Contracting Officer will coordinate with Base Telephone to determine compliance).

Option 1
For Shallow Ceiling Trailers: Install SIPR cabling, above the floor system, on the interior walls (just below the ceiling in Panduit. At every SIPR outlet, install Panduit/cable drop from main Panduit (at ceiling level) to faceplate.

Option 2
For Trailers with dropped grid ceilings, SIPR cables may be installed above ceiling grid. Install Panduit/cables down wall at SIPR faceplate locations.

e. The contractor is to ensure that the temporary trailers have a complete and usable telecomm system upon completion. Once construction has been completed the contractor shall remove all conduit and cabling.

2.1.2 Mechanical and Electrical Minimum Requirements

a. Central HVAC as required to maintain interior conditions between 72 – 78 degrees F DB and 40 – 60% RH. With exterior conditions between 23 degrees F DB (winter) and 90 degrees F DB and 79
Interior and Exterior Repairs, Building 324

degrees F WB (summer). Outside air shall be introduced at the rate of 0.125 CMB/SF of conditioned space.

b. Toilet Exhaust Air System: Provide 25 CPM exhaust for each toilet room. Switch with the toilet light.

c. 300 amp - 8 circuit panel
d. 120 volt lighting, ceiling mounted
e. 120 volt duplex wall receptacles spaced 6 feet o.c. on interior walls.
f. Exterior light at entrance doors.

2.1.3 Water, Sewer and Electrical Connections

Provide domestic water, domestic sewer, and electrical systems as specified on the project plans complete and ready for use.

2.2 FIRE EXTINGUISHER

Provide appropriate type and wall mount on interior adjacent to exterior door.

PART 3 EXECUTION

3.1 PREPARATION

3.1.1 Foundation

Provide foundation for trailer(s); conform to applicable codes.

3.2 INSTALLATION

Install trailer(s); provide full skirting and anchoring for 130 mph wind zone; conform to applicable codes. Connect indicated utilities.

3.2.2 Plumbing and Electrical Hook-Up

Provide complete plumbing and electrical hookup to mobile buildings. Supply all necessary parts and connections and conform to all applicable codes.

3.2.3 Damages

Government will not be responsible for damage to trailers from installation of phones, moving furniture, minor modification and normal wear and tear.

-- End of Section --
Need (1) 4" conduit to building where cable enters so we can pull out of building and splice.