



AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE 1	OF 50	PAGES
---------------------	--------	-------	-------

2. AMENDMENT/MODIFICATION NO. AMENDMENT NO. 0006	3. EFFECTIVE DATE 05/13/14	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable) 13-0073
---	-------------------------------	----------------------------------	---

6. ISSUED BY CODE Officer in Charge of Construction MCI-East 1005 Michael Road Camp Lejeune, NC 28547-2521	7. ADMINISTERED BY (If other than Item 6) CODE See Item 6
--	---

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)	(X)	9A. AMENDMENT OF SOLICITATION NO. N40085-13-R-0073
	X	9B. DATED (SEE ITEM 11) 03/21/14
		10A. MODIFICATION OF CONTRACT/ORDER NO.
		10B. DATED (SEE ITEM 11)

CODE	FACILITY CODE
------	---------------

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	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 is not, 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.)
13-0073 Interior/Exterior Repairs, Bldg 324

- 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.
- 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.
- 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/cabaling requirements.

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)
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED

SECTION 01 59 00

TEMPORARY TRAILERS FOR DISPLACED TENANTS

04/94

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

Interior and Exterior Repairs, Building 324
Each trailer shall be structurally sound, weather tight enclosures
Conform to the minimum requirements.

05130073

- 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. Crawl space 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 ½" 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 CABLING

SYSTEM, 33 82 00 TELECOMMUNICATIONS OUTSIDE PLANT (OSP), and CNSSAM TEMPEST/1-13 ((U) Red/Black Installation Guidance). The contractor shall adhere to the Red/Black Installation Guidance document and ensure that all required separation distance between the NIPR and SIPR systems are met.

- 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. Telecomm 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

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.

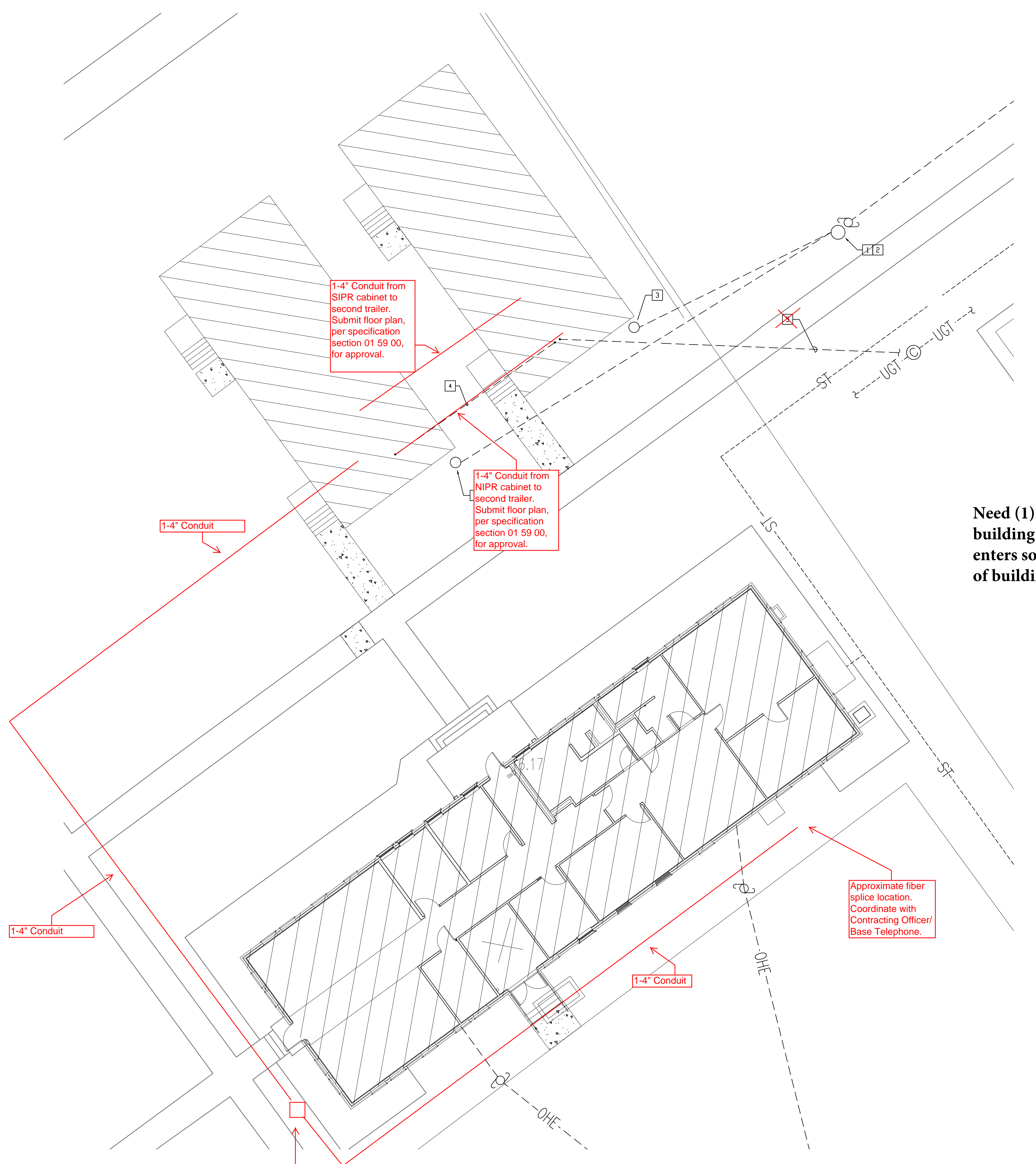
3.2.2 Plumbing and Electrical Hook-Up

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 --



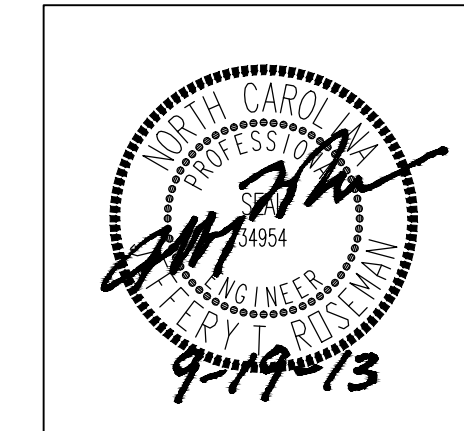
Need (1) 4" conduit to building where cable enters so we can pull out of building and splice

- TELECOMMUNICATION NOTES:**
1. ALL COMMUNICATION CABLING USED FOR TRAILERS SHALL BE CMX OUTDOOR-RATED CAT 5 CABLING.
 2. STUB CONDUITS AS INDICATED ON PLAN. CONDUITS FROM MAIN COMMUNICATIONS TRAILER SHALL BE STUBBED UP 12" IN AN UNOBSTRUCTED AREA APPROXIMATELY 12-18" WITHIN THE TRAILER'S OUTER EDGE.
 3. STUB CONDUITS AS INDICATED ON PLAN. CONDUITS SHALL TERMINATE 3" ON THE BACKBOARD AND 3" BELOW THE WEATHER BARRIER UNDER THE TRAILER. ALL TURNS IN THE CONDUIT SHALL BE LARGE SWEEPS; NO CONDO LETS OR 90 DEGREE TURNS ARE ALLOWED. IF THERE ARE MORE THAN TWO 90 DEGREE SWEEPS OR A TOTAL OF MORE THAN 180 DEGREES OF CHANGE, THEN A WEATHER-PROOF PULL BOX IS REQUIRED.
 4. COORDINATE WITH CONTRACTING OFFICER FOR ADDITIONAL COMMUNICATIONS REQUIREMENTS OF SECONDARY TRAILERS.

- PLAN NOTES:**
- 1 CONNECT TO EXISTING OVERHEAD ELECTRICAL SERVICE IN THIS AREA.
 - 2 NEW TEMPORARY ELECTRICAL SERVICE POLE WITH 2-75 KVA POLE-MOUNTED TRANSFORMERS (12.5KV PRIMARY, 208/1 SECONDARY VOLTAGE). SEE RISER DIAGRAM.
 - 3 NEW TEMPORARY ELECTRICAL SERVICE POLE WITH DISCONNECT FOR TRAILER. CONNECT FROM DISCONNECT TO ELECTRICAL PANEL IN TRAILER. VERIFY EXACT TERMINATION POINT WITH EQUIPMENT SUPPLIER. SEE RISER DIAGRAM.
 - 4 STUB 1-4" CONDUIT FROM MAIN COMMUNICATIONS AREA IN TRAILER TO SECONDARY TRAILER. COORDINATE WITH BASE NEC FOR COPPER AND FIBER REQUIREMENTS. VERIFY EXACT TERMINATION POINT WITH CONTRACTING OFFICER.
 - 5 ~~STUB 1-4" CONDUIT WITH 3-CELL MAXCELL INNERDUCT FROM MAINTENANCE HOLE TO MAIN COMMUNICATIONS CABINET. COORDINATE WITH BASE NEC FOR COPPER AND FIBER REQUIREMENTS.~~

1 TEMPORARY TRAILERS - ELECTRICAL
 E-105E-105 CONSTRUCTION Scale: 1/4" = 1'-0"

DISCLOSURE OF INFORMATION:
 CONTRACTOR SHALL COMPLY AS FOLLOWS:
 (A) THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF MEDIUM (E.G. FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR PROGRAM RELATED TO THE CONTRACT, UNLESS:
 (1) THE CONTRACTING OFFICER HAS GIVEN PRIOR WRITTEN APPROVAL, OR
 (2) THE INFORMATION IS OTHERWISE IN THE PUBLIC DOMAIN PRIOR TO RELEASE.
 (B) REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE FOR RELEASE.
 (C) THE CONTRACTOR AGREES TO INCLUDE A SIMILAR REQUIREMENT IN EACH SUBCONTRACT UNDER THIS CONTRACT. SUBCONTRACTORS SHALL SUBMIT REQUESTS FOR AUTHORIZATION TO RELEASE THROUGH THE PRIME CONTRACTOR TO THE CONTRACTING OFFICER.



 CRENSHAW CONSULTING 2018 South Street, Suite 200 Raleigh, North Carolina 27609 919-871-8770 Fax 919-880-0000		E-105	
DEPARTMENT OF THE NAVY MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA		NAVAL FACILITIES ENGINEERING COMMAND INTERIOR AND EXTERIOR REPAIRS BUILDING 324	
DESIGN DIR. BRIAN R. MARSHBURN, PE APPROVED: PWO OR OICC DATE SATISFACTORY TO: DATE		TEMPORARY TRAILERS - ELECTRICAL NAVFAC DRAWING NO. 60014202 CONST. CONTR. NO. N40085-13-B-0073	
MFPA NO.: 1309		SIZE: F CODE IDENT NO.: 80091	SCALE: AS NOTED SPEC: 13-05-0073 SHEET 40 OF 44