

CONTRACT # N40085-08-B-0504
PROJECT # 8M087CN
MAXIMO# 4167066

TITLE: ELECTRICAL MODIFICATIONS BLDG 520

ATTACHMENTS:

1. Drawing E-1, Original Electrical Layout(for reference only)

SCOPE OF WORK: The contractor shall provide all material, labor, equipment, and supervision required to accomplish the following:

General description – The contractor shall replace the interior building wiring and devices at 520 N Street in the Hadnot Point area aboard Marine Corps Base Camp Lejeune, Jacksonville, North Carolina.

Detailed requirements and specifications – The contractor shall:

ELECTRICAL WORK:

Demolition:

1. Remove all receptacles and switches throughout the interior of the building. Approximately 65 receptacles and 34 switches.
2. Remove four surface mounted incandescent light fixtures. See lighting plan notes one and two for details.
3. Remove all surface metal raceway (Wiremold) and boxes.
4. Remove all building wiring, fed from Panel A, installed in existing raceways with insulation other than THHN/THWN. In locations where conductors cannot be removed for any reason they shall be cut off flush with the conduit entering the box and abandoned in place.
5. Remove all non-metallic sheathed cable. To include non-metallic sheathed cable installed in raceways.

Construction:

1. Install EMT and metallic boxes in all locations where the surface metal raceway was removed.
2. Install metal clad cable in locations where flexibility is required, or locations that are inaccessible.
3. Install THHN/THWN conductors in raceways throughout the building. In locations where conductors were abandoned in existing raceways these sections shall be re-fed from another direction.
4. Install approximately 43 duplex receptacles rated 125v/20a, approximately three single receptacles rated 125v/20a.
5. Install approximately five GFCI receptacles rated 125v/20a, and two twist lock specialty receptacles. See drawing for location.
6. Install approximately 34 single pole switches.
7. Install two 2 lamp wrap around fluorescent light fixtures, Lithonia model LB 2 32 MV GEB 10IS or equal. See lighting plan note number two for location.
8. Re-secure any lighting throughout the building that is not properly supported.
9. Update the panel directory to reflect any changes that have been made.

Specifications:

1. The contractor shall refer to the drawings and the written scope of work to ensure the entire scope of work is accomplished for the project.
2. All devices and plates shall be ivory in color and the device plates shall be of the nylon type.
3. Where conduit and wiring has not been shown on the drawings, the arrangement and routing of the branch circuits will be at the contractor's discretion in accordance with generally accepted good practice for commercial work and NEC requirements.
4. Equipment, materials, installation, and workmanship shall be in accordance with the mandatory and advisory provisions of NFPA 70.

GENERAL REQUIREMENTS: Any damage done to existing walls shall be the responsibility of the contractor to ensure they are finished with a smooth transition and painted to match existing surfaces.

SUBMITTALS: None Identified

SPECIAL SCHEDULING AND ACCESS: None Identified

SPECIAL CONDITIONS: None Identified

HAZARDOUS MATERIALS:

1. The crawl space and steam pit are contaminated with asbestos containing material and debris. Provide engineering controls and personal protective equipment for entrance into these spaces and for all work in these spaces.
2. Piping concealed in walls is assumed to be insulated with asbestos containing material. Perform work in these areas according to the above specifications.

ENVIRONMENTAL REQUIREMENTS: None Identified