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10 JUN 1987

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MAIN

Base Maintenance Officer, Marine Corps Base, Camp Lejeune
Public Works Officer, Marine Corps Base, Camp Lejeune

CONTRACT 86-B-9517, RENOVATE INTERIOR/EXTERIOR BLDG 2615

Ref: (a) PHONCON between Andy Young, PWC and Tommie Blanton,
BMaint on 28 May 87

1. Per the reference, the subject contract has been
reviewed with the following comments for the 90% designs:

ITEM 1

Sheet E1 - Plans do not show demo of existing
electrical panels in locations A & B.

ITEM 2

Sheet E1 - Plans do not show the electrical panels,
conduit and wiring to be replaced in location C.
We want this work to be done on this contract.

ITEM 3

Sheet E2 - Shows electrical in rear hallway to be
demo. Pages E5 and E8 indicate no new work in
these locations. We feel new lights and outlets
need to be installed in rear hallway.

ITEM 4

Sheet E6 - Exhaust fan circuit has a size #12
equipment ground wire, it should be size #10 wire.

ITEM 5

Sheet E7 - The electrical plans do not indicate
exhaust fans to be installed in heads and dressing
rooms.

ITEM 6

Electrical plans indicate no work to be done to the
existing pool lighting and wiring. The existing
incandescent system is not adequate and cost effec-
tive. The wiring does not meet National Electrical
Code and could become a safety hazard to personnel.

ITEM 7

Note #4 - All asbestos should be removed in walls
and chases, building to be asbestos free upon com-
pletion of contract.

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ITEM 8

Remove all abandon panels, disconnects, junction boxes, conduit and wire. Remove all romex wire from building.

ITEM 9

Lighting fixture mark "S" is used extensively throughout the renovation project. This fixture is recessed, using a 100-watt bulb. PL-Type fluorescents should be used for this purpose, thus requiring a considerably lower wattage for similar lumens.

ITEM 10

EMCS computer air flow and temperature sensors are currently located in rooms and ductwork. These are to be removed and properly reinstalled by contractor. Temperature sensors are to be reinstalled in the same room as the return duct grill.

ITEM 11

Rather than utilizing vinyl sheathed, wooden double hung window, one piece vinyl extruded windows should be used. This provides a higher "R" value, requires little maintenance and are guaranteed for a longer life.

ITEM 12

Ensure that all ceilings are insulated to an R=25 and renovated exterior walls have an insulation value of R=10.

ITEM 13

Existing window air conditioning units are to be turned in to the Base Property Control Office following removal.

ITEM 14

Two new air handling units are to be installed during the renovation. So that these units can be regulated by the existing EMCS computer system, sensors are to be installed during construction. Sail switches are to be in the ductwork, just outside the air handling units to sense air flow. Temperature sensors are to be installed in rooms, near the return air grills. Electrical control relays (24 volts DC) should be wired into the starter on each new unit.

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ITEM 15

Remove old abandoned brick chimney inside boiler room.

ITEM 16

Provide louvers adequate for boiler combustion air.

ITEM 17

Deaerator must be the type for off-on pump control, or it will be necessary to change boiler water controls on each boiler to the continuous run type.

ITEM 18

Sheet M9 - Provide electrical hook up for rental boiler.

ITEM 19

Sheet M9 - Provide water hook up for rental boiler.

ITEM 20

Sheet M9 - Provide boiler blow down hook up for rental boiler.

ITEM 21

Sheet M9 - Inform A&E Firm the deaerator is to be sized. Adequate enough for both boiler.

ITEM 22

General Note: Provide protection to boilers, electrical and electronic equipment during demolition.

2. Point of contact is Greg Shoemaker, Contracts Manager, X5794.

T. D. JEWELL
By direction

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