

CONTRACT # N40085-09-B-0482
PROJECT # 9M004MZ
MACC # 09-0482
MAXIMO# 4202705

TITLE: BLDG 223 RENOVATE HEADS

ATTACHMENTS: 1

1. Drawings

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

General description – The intent of this project is to completely renovate the male head # 1 and # 2, to include all new sanitary/hygiene equipment, new plumbing fixtures, wall locker, benches, ceramic tile and toilet partitions. Also include cleaning and/or painting of walls, and any other surface that require such action. Replace light fixtures and switches and refinish doors.

Detailed requirements and specifications – The contractor shall:

PLUMBING REQUIREMENTS FOR HEAD # 1

1. Demo the existing water closets, flush valves, partitions, shower unit and valve, wall mount sinks, traps, cut off valves, wall mirrors, urinal and flush valve. all paper dispensers, soap dispensers, and mirrors
2. The contractor shall rework piping in wall and floor to accommodate the new fixtures in head # 1. Water and DWV
3. Install one new floor mounted water closet 1.28 GPF, vitreous china, elongated front rim, 2 inch fully glazed trap way, siphon jet flush action, 1 ½ inch top spud. Shall be equivalent to or better than Zurn model # Z5650 1.28 GPF Elongated floor mounted flush toilet. Water closet shall have automatic battery powered flush valve equal to Zurn model # ZR6000AV Aqua Sense Expose Flushometer Valve. (See drawing for location.) need model
4. Install two wall mount vitreous china lavatory with 4 inch center 20-1/2" x 18-1/4" x 12-1/8" with back splash. Shall be equal to American Standard model # 0356.421 Lucerne wall hung lavatory. Install new chrome traps and cut off valves. Install two single lever faucets, handle type chrome lever, material of construction brass, faucet finish chrome, spout 4 1/2 inch, spout standard, number of holes (3), deck mounting, mounting centers 4 inch. Shall be equal to American Standard Cadet single control single handle faucet. (See drawing for location.)

PLUMBING REQUIREMENTS FOR HEAD # 2

1. Demo the existing plumbing fixtures, flush valves and partition to include 2 toilets, 3 wall mount sinks, 2 wall mount urinals, paper dispensers, soap dispenser and mirrors.
2. Install 2 high efficiency urinals with 1/8 gallon per flush automatic flush valves. Install partitions for each urinal. Urinal shall be wall mounted with top spud and back washout. Flush valve shall be 1/8 gpf. Valves shall be automatic flush valve 1/8 gpf battery operated. Specs shall be equal to Zurn Eco Vantage, model # Z5798.

3. Install two new floor mounted water closets. Specs on water closet is 1.28 GPF, vitreous china, elongated front rim, 2 inch fully glazed trap way, siphon jet flush action, 1 ½ inch top spud. Shall be equal to Zurn model # Z5650 1.28 GPF Elongated Floor mounted flush valve toilet. Water closet to have automatic battery powered flush valve equivalent to or greater than Zurn model # ZR6000AV Aqua Sense Exposed Flushometer Valve.
4. Install three wall mount vitreous china lavatory with 4 inch center 20-1/2" x 18-1/4" x 12-1/8" with back splash. Shall be equal to American Standard # 0356.421 Lucerne wall hung lavatory. Install new chrome traps and cut off valves. Install three single lever faucets, handle type chrome lever, material of construction brass, faucet finish chrome, spout 4 1/2 inch, spout standard, number of holes (3), deck mounting, mounting centers 4 inch. Shall be equal to American Standard Cadet single control single handle faucet. (See drawing for location.)

LOCKERS HEAD # 1

1. Install 5 - 14 gauge steel, Tan finish, Double Tier, Vented lockers, 12 inch wide, 18 inch depth, and 6 feet in height. Lockers shall have features such as lift up handles, recessed hasp and can accommodate a built in combination key lock or a padlock. (See drawing for location.)

BENCH HEAD # 1

1. Install 48 inch phenolic, locker bench. Shall be equal to Salsbury Industries model # 77784LGT light finish

DOORS HEAD # 1 & # 2

1. Doors shall be sanded and stain to match the existing color. Apply 3 coats of satin polyurethane and add additional coat if needed to insure even sheen.
2. Replace kick plate, push plate, handles and door closers. Match existing type.

PHENOLIC PARTICIAN STALLS HEAD # 1 & # 2

1. Compartments shall be constructed of phenolic material. Doors and pilasters shall be ¾ inch thick solid phenolic core and decorative surface sheet on both faces. Panels shall be ½ inch thick solid phenolic core and decorative surface sheet on both faces. Doors, panels, pilasters and urinal screens shall be fabricated from phenolic material. All components shall be water-resistant. Edges shall be machine finished with chamfered edges and tan finish. Partitions shall be anchored to the floor with ¼ inch x 1 inch stainless steel mounting bar attached to the bottom of the pilaster. Each mounting bar shall be secured to the floor with 3/8 inch zinc plated bolts.

STRUCTURAL REQUIREMENTS FOR HEADS # 1 and # 2

1. Remove and dispose of properly, all 2"X 2" ceramic wall tiles from entire head area, along with any other mounting brackets not being used and prepare wall for new installation of 2"X 2" ceramic wall tile.
2. Remove and dispose of properly, all 2"X 2" existing ceramic floor tiles and prepare substrate for of installation of new 2"X 2" ceramic floor tile.
3. Demo portion of floor and wall required to rework plumbing for new arrangement. See drawing.

4. **Only in Head #1**, install two each, 34x34 inch gel coat finish, fiberglass reinforced polyester shower pans. Shall be equal to American Standard model # 6034.ST.020 single threshold shower base-white. (See drawing for location) The contractor shall extend and build wall around shower pans. Install shower valve, handle type, chrome lever. Shower valve shall be equal to American Standard model #T000.500.002 Ceramix shower valve. The shower stall tile shall match the existing wall tile and the shower floor shall be 2"x2." The floor tile color shall match the color of the wall tile. Contractor shall use 5/8 inch cement backing board in places where tile is to be installed.
5. Demo threshold at entrance doors. The new finish flooring shall make a smooth transition to the existing hallway flooring.
6. Prep floor to receive new 2"x 2" ceramic floor tile including floor. Floor tile shall be a textured, shadow stone porcelain tile with durability and appearance of stone. Install ceramic base around perimeter of walls to match newly installed 2"x 2" ceramic floor tile. Contractor shall use 5/8 inch cement backing board in places where tile is to be installed. Tile color shall be chosen by POC.
7. Prep walls to receive new 2"x 2" ceramic wall tile on all walls per manufacturer's instructions. Tile shall be of high quality and durability with gloss finish. Ceramic tile shall cover approximately 50 inches from floor.
8. All tiles shall have 1/8 inch grout spacing. The contractor shall use a grout release to prevent finely powdered pigments from lodging in the pores of the tile surface. Commercial Portland Cement Grout shall meet ANSI A118.6 standard. Grout shall be a sanded, commercial Portland cement with pure mineral pigments, lime-proof, and non fading, complying with ASTM C979. All coloring pigments shall be added by the manufacturer. Job colored grout is not acceptable. Mix grout with a stain resistant additive in place of water to provide protection from water and oil-base stains. Color to be chosen by POC.
9. Replace the access panel that covers water hammer arrestors with matching covers. Replace all ceiling vent covers with matching covers.

CEILINGS AND WALLS (HEADS # 1 AND # 2)

1. Repair holes in ceiling and walls.
2. Scrap, prep, and repair any surface damage in ceiling and walls to insure a sufficient surface for painting. Ceiling color shall be white and walls colors chosen by POC.
3. Repair all surfaces to provide a solid foundation for painting: Blistering, cracking, flaking and peeling or other deteriorated coatings shall be removed. Damaged areas such as, but not limited to, nail holes, cracks, chips, and spalls shall be repaired with suitable material to match adjacent undamaged areas. Edges of chipped paint shall be feather edged and sanded smooth.
4. Apply 2 coats of primer sealer and 2 coats of mildew resistant gloss finish paint to all previously painted interior surfaces in the bathroom area. This shall also include the entry door frames and window frame. Scrap, prep, and repair any surface damage in ceiling to insure a sufficient surface for painting.

MIRRORS (HEADS # 1 AND # 2)

1. Install new mirrors in both head # 1 and head # 2 over each wall hung lavatory. The mirrors shall be framed mirrors, 1pc, 16"x20."

2. Install new soap dispensers next to mirrors, beside each lavatory in both heads. All heads shall have motion sensor towel dispensers, two in each head. All toilet stalls shall have one each wall mounted coat hook and one each toilet paper dispenser mounted on side of wall of stall. The dispenser shall hold two standard toilet paper rolls.

ELECTRICAL REQUIREMENT FOR HEAD #1 & # 2

1. Demo existing fluorescent light fixtures total (2) and emergency light fixtures total (2). Demo wall light switch in each head.
2. Install a T-8 two lamp 4 foot fluorescent surface troffer light fixture with the optional emergency ballast battery pack in each head area, Total (2). Lenses fixture to provide general area illumination, housing finished with baked white enamel, and doors with tee hinges and rotary action cam latches. Wire fixture in accordance with manufactures recommendations.
3. Install an Ultrasonic Occupancy Sensor wall switch that has a manual option in each head area to operate the lighting.
4. The exhaust fan systems shall remain operated from toggle switch.
5. Install cover for sensor and fan toggle switch for the exhaust fans.
6. Upon completion of electrical installation all light fixtures and occupancy sensors shall be a complete and operational lighting system.

General Notes

1. All construction materials may be discarded at the Base Landfill
2. All areas shall be free and clean of debris at the close of business each day.
3. All work shall comply with the latest edition of the National Electrical Code and ELECTRICAL SPECIFICATION/REQUIREMENTS for Camp Lejeune and New River Air Station
4. The measurements and quantities furnished here are for reference only. The contractor is responsible for actual field verification prior to bidding, ordering materials and during every step of construction for existing surfaces, dimensions and conditions.
5. All water piping shall be type L copper and all plumbing work shall comply with the National Plumbing Codes.

Submittals: None

SPECIAL SCHEDULING AND ACCESS:

1. The contractor shall coordinate work schedule and access to work with POC, LtCol Melso (micheal.melso@usmc.mil) 2d Marine Regiment 451-1838 or Maj. Catanzarito (john.cantanzarito@usmc.mil) 2d Marine Regiment 451-0152
2. The contractor shall start and complete Head # 2 prior to starting work on head # 1. Head #2 shall be fully operation and available for use by the occupants before starting Head #1.
3. The contractor shall provide, maintain, and empty 2 each porta-potties while Head #2 is unavailable for tenant use. The portable heads shall be removed within 48 hours of Head #2 becoming available for tenant use.

SPECIAL CONDITIONS: None Identified

HAZARDOUS MATERIALS: None Identified

ENVIRONMENTAL: None Identified

