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Agreement - The Steeple People

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Campbellsville Industries, Inc.

"The Steeple People"

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Specifications For Steeple Work

Prepared by Donald W. Dabney, C.E.

GENERAL PROVISIONS

1.1 DEFINITIONS

- (a) The term "owner" as used herein means the church, general contractor or any person or persons authorized to execute the contract on behalf of the owner.
- (b) The term "steeple contractor" as used herein means "Campbellsville Industries, Inc., Campbellsville, Kentucky."

1.2 MATERIAL AND WORKMANSHIP

- (a) All material and details incorporated in the steeple work are to be new, of suitable quality and shall comply with approved drawings.
- (b) All work under this contract shall be performed by qualified workers in a skillful and workmanlike manner.

1.3 OTHER WORK

The owner shall furnish all work relating to the sub-structure supporting the steeple. The steeple contractor shall coordinate steeple work to comply with supporting structure.

1.4 PROTECTION OF EXISTING STRUCTURES, UTILITIES AND VEGETATION

- (a) Existing structures, utilities or new work shall be protected, to the extent possible, by the steeple contractor during installation operations. Any damage done except to underground utilities not known by the steeple contractor will be repaired completely by same at no cost to the owner.

1.5 CLEANING UP

Upon completion of the steeple installation, the steeple contractor shall leave the work premises in a clean and workmanlike condition satisfactory to the owner.

1.6 FINAL INSPECTION

Upon completion of the steeple installation, a joint inspection by the steeple contractor and the owner will be made thereof. If such work is found to comply with the requirements, it will be accepted and final payment therefore will be made in accordance with the contract agreement.

TECHNICAL PROVISIONS

- 2.1 **MATERIALS.** The materials incorporated into the steeple shall be free from defects impairing strength, durability and appearance, shall be of the best commercial quality for purpose required, and shall be obtained from a source that is regularly engaged in the manufacture of such products.

2.2 EXTERIOR ALUMINUM COVERING

- (a) White acrylic finish shall be applied by the roll coat method and shall be oven baked. The finish shall be of such quality that any shearing or forming encountered during fabrication will not separate the finish from the aluminum. Streaks and holidays will not be permitted. The aluminum shall be minimum .032 gage, alloy 3003 H 14.

- 2.3 LOUVERS shall be made from .032 gage, alloy 3003 H 14 and shall be formed true to dimensions as shown on the approved drawing. Blades of louvers shall be accurately fitted, firmly secured and riveted to frames. The louvers shall allow proper sound emission of bells or carillons.
- (a.) Each louver shall have a back up screen of 18x18 mesh aluminum. The screen shall be given enough tension to be held taut and shall be held suitably on each side by aluminum straps.
- 2.4 ALUMINUM CROSS shall be fabricated from .125 gage, alloy 6061-T6 and shall have a mill finish unless anodizing is specified herein in which case alloy 6063-T5 shall be used.
- 2.5 CORNICES shall be made from .032 gage, alloy 3003 H 14 and shall be formed true to dimensions as shown on the approved drawings. Vertical joining shall be kept to a minimum.
- 2.6 TOWER FRAMING shall be fabricated from aluminum alloy 6061-T6. The tower shall be fastened together with rivets with welding limited to secondary architectural members.
- (a.) Aluminum surfaces in contact with steel at the base of the steeple shall be given one coat of zinc chromate primer. The steel surface shall be painted with a primer such as red lead, followed by one coat of aluminum paint. The steel preparation shall be performed by the owner.
- (b.) Anchoring bolts, nuts and washers shall be cadmium plated.
- (c.) Rivets shall be from alloy 6061-T6 and shall be cold driven to fill the holes completely.
- (d.) Rivets shall not be loaded in tension.
- 2.7 CAULKING COMPOUND shall be suitable for external use and shall have good adhesive qualities.
- (a.) All surfaces shall be clean and dry when compound is applied. Compound shall be applied with a gun using nozzle of proper size to fit the joint width, and shall be forced into grooves with sufficient pressure to fill the groove solidly. Premium grade "Butyl-flex" as manufactured by DAP, Inc. or equal shall be used.
- 2.8 LIGHTNING PROTECTION grounding shall be by others.
- 2.9 DESIGN FACTOR of the steeple as submitted shall be structurally designed to withstand a wind force of up to 100 mph.
- 3.0 The steeple contractor shall comply with the suggested specifications for structures of aluminum alloys 6061-T6 and 6062-T6 as recorded in the *Journal of the Structural Divisions*, Proceedings of the American Society of Civil Engineers.

SPECIAL REQUIREMENTS

- SR-1 SHOP DRAWINGS: The steeple contractor shall submit to the owner for approval four (4) copies of shop drawings for steeple. If approved by the owner, one (1) copy is to be returned to the steeple contractor appropriately marked and dated. The approval of the drawings by the owner shall not be construed as a complete check, but will indicate only that the general method of construction and detailing is satisfactory.
- SR-2 INSURANCE REQUIRED: Unless the owner has adequate insurance coverage, the steeple contractor shall procure and maintain, during the entire on-site work performance, the following minimum insurance:
- (a.) Coverage complying with state laws governing insurance requirements, such as those requirements pertaining to Workmen's Compensation and Employees' Insurance.
- (b.) Comprehensive General Liability and Automobile Liability Insurance, in each instance for both bodily injury and property damage, shall be furnished in limits as specified by the owner.