

SECTION 01600

MATERIALS AND EQUIPMENT

PART 1.00 – GENERAL

1.00 DESCRIPTION

A. Related Work Described Elsewhere:

1. Submittals and Substitutions – Section 01300

1.02 QUALITY

- A. Incorporate only new materials and equipment in the work unless otherwise specified. All materials and equipment furnished by the CONTRACTOR shall be subject to the inspection and approval of the CITY. Do not deliver material to the work without prior approval of the CITY.
- B. Furnish all facilities and labor for the handling and inspection of all materials and equipment. If required by the CITY, either prior to beginning or during the progress of the work, submit samples of materials for such special tests as may be necessary to demonstrate that they are of the quality specified. Furnish, store, pack and ship such samples as directed. Except as otherwise noted, the CITY will make arrangements and pay for the test.

1.03 HANDLING AND STORAGE OF MATERIALS

- A. Handle and store all materials and equipment to be incorporated in the work, before, during and after shipment in a manner to prevent warping, twisting, bending, breaking, shipping, rusting and any injury, theft or damage of any kind whatsoever to the material or equipment.
- B. Store cement and lime under a roof and off the ground. Keep completely dry at all times. Store all miscellaneous steel and reinforcing steel off the ground or otherwise to prevent accumulations of dirt or grease, and in a position to prevent accumulations of standing water and to minimize rusting. Handle and store brick, block and similar masonry products in a manner to reduce breakage, shipping, cracking and keep spilling to a minimum.
- C. Store in a building, all mechanical equipment subject to corrosive damage by the atmosphere.

- D. Remove promptly from the site of the work all materials which have become so damaged as to be unfit for the use intended or specified. The CONTRACTOR shall not receive compensation for the damaged material or its removal.
- E. Unload, place and secure pipe and all other materials delivered to the job in a manner which will not hamper the normal operations, or interfere with the flow of necessary pedestrian or vehicular traffic.
- F. The CONTRACTOR shall provide suitable equipment and labor, and shall handle material at all times so as to avoid damage. Under no circumstances shall pipe be dropped.
- G. The CONTRACTOR shall be fully responsible for all material until final acceptance of the work.

1.04 PRODUCTS LIST

- A. Within 30 days after date of Contract, submit to CITY five copies of complete list of all products which are proposed for installation.
- B. Tabulate list by each specification Section.
- C. For products specified under reference standards include with listing of each product:
 - 1. Name and address of manufacturer
 - 2. Trade name
 - 3. Model or catalog designation
 - 4. Manufacturer's data
 - 5. Performance and test data
 - 6. Reference standards

1.05 CONTRACTOR'S OPTIONS

- A. For products specified only by reference standards, select any product meeting standards by any manufacturer.
- B. For products specified by naming several products or manufacturers, select any product and manufacturer named.

C. For products specified by naming one or more products, but indicating the option of selecting equivalent products by either a specific or general “or equal” clause, CONTRACTOR shall submit a request, as required for substitution, for any product not specifically named.

END OF SECTION