

SECTION 01600

MATERIALS, EQUIPMENT AND WORKMANSHIP

PART 1 GENERAL

1.01 DESCRIPTION

- A. This section addresses the material, equipment, and workmanship needed to complete the construction of the project.

1.02 MATERIALS AND EQUIPMENT

- A. Contractor shall furnish all materials, equipment, labor, and all other facilities and incidentals necessary for the execution, testing, and completion of the work.
- B. Materials and equipment that are part of the permanent work shall be of good quality and new, except as otherwise accepted by the City.
- C. When specified or requested by the City, the Contractor shall furnish satisfactory evidence (including manufacturer's certification) as to the kind and quality of materials and equipment, and their compliance with these specifications.
 - 1. It is the Contractor's responsibility to ensure the manufacturer's/supplier's materials meet these specifications.
 - 2. The City will test any manufacturer's/supplier's material they deem necessary.
 - 3. All materials and equipment shall be installed and used in accordance with the instructions of the applicable manufacturer, fabricator, supplier or distributor, except as otherwise provided in these specifications.
 - 4. The materials and equipment in these specifications is representative of a quality of performance, operation and construction which is acceptable to the City.
- D. Pavement repairs and resurfacing shall be completed in accordance with Chapter 25, Reconstruction and Repair, of the Larimer County Urban Area Street Standards (LCUASS).
- E. The City will make every effort to evaluate all written requests for a product substitution within thirty (30) calendar days after receiving the requests.
 - 1. Product substitution requests shall be provided in writing and shall include detailed product literature and a description of benefits that will be achieved by this substitution.
 - 2. In approving materials or equipment for installation, the City assumes no responsibility for injury or claims resulting from failure of the materials or equipment to comply with applicable National, State, and local safety codes or requirements, or the safety requirements of a recognized agency; or failure due to faulty design concepts, or defective workmanship.

1.03 WORKMANSHIP

- A. Contractor shall provide competent, disciplined, suitably qualified personnel to lay out the work and perform the construction.
 - 1. Any individuals deemed not qualified to perform the task they are assigned, in the opinion of the City, shall not be allowed to perform that task.

2. Reference paragraph 1.02.A of Section 01010.
- B. The construction standards, tests and methods outlined in these specifications are considered adequate to produce the product desired by the City.
1. The City may evaluate alternative methods of construction upon written request, and shall attempt to do so in a timely manner.
 2. Requests for alternative methods of construction shall include detailed descriptions of the equipment, methods and controls needed for the alternative, and a description of the benefits that will be achieved by this substitution.

PART 2 PRODUCTS

Not Used

PART 3 EXECUTION

Not Used

END OF SECTION