

Item 8017

Lime (Materials Only)



1. DESCRIPTION

Furnish Lime materials that meet the requirements of the specification.

2. MATERIALS

Furnish uncontaminated material of uniform quality that meet the requirements of the plans and specifications. Notify the Engineer of the proposed material source and of any change to the material source. Obtain verification from the Engineer that the specification requirements are met before using the source.

- 2.1. **Lime.** Furnish lime that meets the requirements of [DMS-6350](#), "Lime and Lime Slurry," and [DMS-6330](#), "Pre-Qualification of Lime Sources." Use hydrated lime, commercial lime slurry, quicklime, or carbide lime slurry as shown on the plans. Do not use quicklime when sulfates are present in quantities greater than 3,000 ppm. When furnishing quicklime, provide it in bulk.
- 2.2. Verify the source is listed on the current Material Producer List, only materials appearing on the MPL will be accepted. Sample and test hydrated lime and quicklime at a minimum rate of 1 per project. Sample and test lime used for commercial lime slurry every 200 tons. Sample and test lime used for carbide lime slurry every 100 tons. Sample in accordance with Tex-600-J. The location or time of sampling is during time of delivery to the project.

3. MEASUREMENT

- 3.1. **Lime.** When lime is furnished in trucks, the weight of lime will be determined on certified scales, or the Contractor must provide a set of standard platform truck scales at a location approved by the Engineer. Scales must conform to the requirements of Item 520, "Weighing and Measuring Equipment."

When lime is furnished in bags, indicate the manufacturer's certified weight. Bags varying more than 5% from that weight may be rejected. The average weight of bags in any shipment, as determined by weighing 10 bags taken at random, must be at least the manufacturer's certified weight.

This Item will be measured by the ton or bag size as defined in the plans and specifications.

- 3.1.1. **Hydrated Lime.**
- 3.1.1.1. **Dry.** Lime will be measured by the ton (dry weight).
- 3.1.1.2. **Slurry.** Lime slurry will be measured by the ton (dry weight) of the hydrated lime used to prepare the slurry at the jobsite.
- 3.1.2. **Commercial Lime Slurry.** Lime slurry will be measured by the ton (dry weight) as calculated from the minimum percent dry solids content of the slurry, multiplied by the weight of the slurry in tons delivered.
- 3.1.3. **Quicklime.**

- 3.1.3.1. **Dry.** Lime will be measured by the ton (dry weight) of the quicklime.
- 3.1.3.2. **Slurry.** Lime slurry will be measured by the ton (dry weight) of the quicklime used to prepare the slurry multiplied by a conversion factor of 1.28 to give the quantity of equivalent hydrated lime, which will be the basis of payment.
- 3.1.4. **Carbide Lime Slurry.** Lime slurry will be measured by the ton (dry weight) as calculated from the minimum percent dry solids content of the slurry, multiplied by the weight of the slurry in tons delivered.

4. PAYMENT

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid in accordance with Section 260.6.1., "Lime,".

Lime. Lime will be paid for at the unit price bid for "Lime" of one of the following types:

- Hydrated Lime (Dry),
- Hydrated Lime (Slurry),
- Commercial Lime Slurry,
- Quicklime (Dry),
- Quicklime (Slurry), or
- Carbide Lime Slurry.

Material (Pick up). Payment will be made for the type specified. This price is full compensation for furnishing materials, assistance provided in sampling, loading provided vehicles, furnishing scales and labor for weighing and measuring, and equipment, labor, tools, and incidentals.

Material (Site Delivery). Payment will be made for the mixture type. This price is full compensation for furnishing materials, assistance provided in sampling, loading, hauling, delivery of materials, furnishing scales and labor for weighing and measuring, and equipment, labor, tools, and incidentals. If bid codes in the estimate indicate site numbers, each site will be shown in the plans.