

**BOROUGH OF SOMERSET
SPECIFICATIONS
Lime**

The purpose of these specifications is to obtain for the Borough of Somerset, Hydrate Lime, for use at the Water Filtration Plant. All material will be in conformity with the specifications of the American Water Works Association.

Analysis shall be:

Minimum Calcium Oxide: 72%

Minimum Magnesium Oxide: 5%

Minimum Oxides contained as carbonate: 20%

Total mineral value in terms of calcium carbonate: 129.76% minimum.

Lime shall be ground so that 100 percent will pass through a 20-mesh screen; 98 percent through a 60-mesh screen, and 95 percent through a 100-mesh screen. It shall be packed in double bags of **50 pounds each**. Annual estimated usage is 5 tons. **Note: It has been found that certain makes of lime will pack and not properly feed through the Omega Dry Chemical Feeders at our Water Filtration Plant.** Bidder certifies that the product offered will not pack or cake in the gravity feeders at our plant.

The lime shall be delivered to the Borough's Laurel Hill Filtration Plant near Bakersville. Supplier shall call the office of the Borough Manager, 445-9742, at least twenty-four (24) hours prior to delivery.

Training Requirements for this product

The successful bidder for this product shall provide training materials for the use of this product. The training materials shall be in one or more of the following formats: written, video slide, VHS, DVD, or the bidder may elect to put on a seminar-type program. In any event the materials presented shall be in English and shall be at a high school reading level. At a minimum, the bidder must cover the following subjects in the training materials provided:

1. **The properties of the product;**
2. **The chemical and common names;**
3. **The acute and chronic effects of exposure to the product;**
4. **The symptoms arising from exposure;**
5. **The potential for flammability, explosiveness, and reactivity;**
6. **Appropriate emergency treatment for exposure to the product;**
7. **Appropriate personal protective equipment and proper conditions for the safe use of this product;**

8. Emergency procedures for fires, leaks, spills, or other accidents that may occur using this product;
9. Define the different levels of protection needed for handling the product under normal conditions and emergency conditions;
10. Proper storage conditions for this product;
11. Ways the product may be used to enhance water/wastewater treatment;
12. Proper decontamination procedures to remove product from protective clothing or encapsulating suits;
13. Evacuation distances and resources that may be contacted in the event of an emergency;
14. Different types and sizes of containers that the product may be shipped in, as well as the different forms the product may be available in, such as liquid, powder, etc.;
15. Any other information that may be helpful in the safe and efficient use of this product.

Somerset Borough reserves the right to reproduce any of the training materials provided. Said materials shall be provided before the first product shipment.

Labeling Requirements

The successful bidder shall label all containers or bags of the product. The labels shall include the following information at a minimum:

1. The chemical or common name;
2. The name, address, and emergency number of the manufacturer;
3. Hazard warnings;

The successful bidder shall provide a minimum of 10 additional stick-on labels measuring a minimum of 6 inches square and shall contain the same information as on the shipping container. Said labels shall be durable and suitable for mounting on secondary containers, chemical feeders, or pipelines.

Material Safety Data Sheets

The successful bidder shall provide 6 copies of a Material Safety Data Sheet for this product. At a minimum, the data sheets shall contain the following information:

1. Who makes the product, their address, emergency phone number, and the date the data sheet was prepared;
2. Hazardous ingredients and their TLV's;
3. Physical and chemical characteristics;
4. Physical Hazards;

5. Reactivity;
6. Health Hazards;
7. Precautions for safe handling and use;
8. Chemical and Common name;
9. C.A.S. Registry Number;
10. UN or NA Number;
11. Any other information that may be required to comply with the Pennsylvania Worker and Community Right-to-Know law.

Material Safety Data Sheets must be received by Somerset Borough prior to or with the first product shipment.

Containers

Products shall be shipped in appropriate containers. These containers shall not rupture or break under normal handling. Leaking, broken or torn containers shall not be accepted. Duct or masking tape shall not be appropriate to repair bags or containers and the shipper shall be responsible for any spillage or leakage due to inadequate packaging of the product. All containers and bags should be properly sealed and identified.

General Provisions

1. This product shall be manufactured in the United States.
2. Delivery vehicles shall be appropriate for the product being hauled and shall carry the proper placard as well as proper equipment for loading the product.
3. The drivers shall be trained in chemical safety and in proper loading and unloading procedures for the product.
4. The shipper shall have adequate insurance as required by the Federal Motor Carrier Act.
5. Driver of the delivery vehicle shall have in his possession a material safety Data Sheet for all the products that are on the delivery vehicle when in Somerset Borough or en route to a Somerset Borough facility. Said sheets shall be turned over to police, fire, or EMS personnel upon request, in the event of an accident or routine traffic stop

All bids shall be submitted on forms furnished by the Borough and none other will be accepted. No bidder may withdraw his bid within 60 days after the opening thereof. Bids shall be in sealed envelope. On the face of the envelope, upper left corner, print your name and address; in center, print or type:

**Lime Bid
Council, Somerset Borough
P.O. Box 71
Somerset, PA 15501-0071**

Bids shall be for the calendar year 2015.

Council reserves the right to reject any or all bids and to award the purchase so that the best interests of the Borough of Somerset will be served.

Bids must be received by 10:00 a.m. Friday, January 23, 2015 at which time the bids will be publicly opened and read aloud.

BIDS CLOSE 10:00 A.M. FRIDAY, JANUARY 23, 2015

**BOROUGH OF SOMERSET
Bid Form**

Lime

The undersigned states he has carefully read the specifications attached and is aware of all conditions. He offers to supply material for the year 2015 in full conformity with the specifications, and guarantees that his product will work properly in the Omega gravity dry chemical feeders at our water treatment plant.

Price per 50 pound bag, delivered to the Water Treatment Plant, Bakersville, in minimum lots of 5 tons: (Price shall be firm for one year)

\$ _____

Brand Name: _____

Firm: _____

By: _____
(authorized representative)

Address: _____

Phone: _____

Date: _____

BIDS CLOSE 10:00 A.M. FRIDAY, JANUARY 23, 2015.