

ITEM 08560.1007 M - CLEANING OF STONE MASONRY AND CONCRETE SURFACES

DESCRIPTION:

The work shall consist of cleaning of stone masonry and concrete surfaces of graffiti, efflorescence, and any organic material. The work shall be done where indicated on the plans, or where ordered by the Engineer.

MATERIALS:

Abrasive material for blast cleaning may be selected by the contractor. All abrasives shall be free of lead. Silica sand and other types of non-metallic abrasives containing more than 1.0% free silica, by weight, will not be allowed.

All equipment shall be approved by the Engineer, prior to use.

CONSTRUCTION DETAILS:

All stone masonry and concrete surfaces to be cleaned shall be blast cleaned, or abraded by other mechanical means satisfactory to the Engineer.

The cleaning method(s) shall be demonstrated on a test area at a location determined by the Engineer.

After cleaning, surfaces shall exhibit no evidence of organic material (e.g. oil, asphalt, dirt, paint, efflorescence, etc.).

No particulate matter, of any nature, shall be permitted to remain on the cleaned surface. After cleaning the surface shall be air-blown or vacuum cleaned. Air-blowing may be used on vertical, or overhead surfaces. Vacuum cleaning shall be required for all other surfaces.

If, after cleaning is completed, the cleaned surface becomes dirty as a result of the contractor's operations, it shall be re-cleaned by the foregoing procedures at the expense of the contractor.

METHOD OF MEASUREMENT:

This work will be measured as the number of square meters of stone masonry and concrete surface cleaned.

BASIS OF PAYMENT:

The unit price bid per square meter shall include the cost of all labor, materials and equipment necessary to complete the work.