

ITEM 04203.967001 M - REMOVAL, PACKAGING FOR TRANSPORT, TRANSPORTATION AND DISPOSAL OF FLUORESCENT LIGHT BALLASTS

ITEM 04203.967002 M - REMOVAL, PACKAGING FOR TRANSPORT, TRANSPORTATION AND DISPOSAL OF FLUORESCENT LIGHT BULBS

A. DESCRIPTION: This work shall consist of packaging, transportation and disposal of fluorescent light ballasts and bulbs. The light ballasts shall be handled and disposed of as a TSCA (Toxic Substance Control Act) PCB (polychlorinated biphenyl) waste. The bulbs shall be disposed of as a RCRA (Resource Recovery and Conservation Act) hazardous waste for mercury toxicity, waste code D009. Each container shall be labeled for shipment in accordance with US DOT regulations, 49 CFR Part 172-172.

B. MATERIALS: None specified.

C. EQUIPMENT: None specified.

D. CONSTRUCTION DETAILS:

General:

1. **Removal:** The fluorescent lights shall be removed from the bridge in a manner so that the ballasts and bulbs are not damaged during removal.
2. **Packaging for transport:** After the fluorescent lights have been removed from the bridge the Contractor shall separate the ballasts and bulbs from the light fixtures. After the ballasts and bulbs have been separated, the ballasts and bulbs shall be packaged for shipment. The Contractor shall provide all acceptable containers for shipment. Bulb waste shall be marked as hazardous waste in accordance with 40 CFR Part 262 and NYS 6 NYCRR Part 372. Ballasts shall be marked as PCB wastes in accordance with 40 CFR 761 and 6 NYCRR Part 372. All containers shall be closed during storage and transport. The Contractor shall inspect containers in storage, correct any deterioration, and document at least weekly inspection.
3. **Pre-construction requirements:** Prior to working with the fluorescent light ballasts and bulbs, the Contractor shall prepare a section for the Project Health & Safety Plan (HASP) for the protection of workers and the public during pre-construction and construction activities.

A copy of this section of the Project Health and Safety Plan shall be submitted to both the Engineer and the Regional Environmental Contact for review and approval.

Removal, Packaging for Transport, Transportation and Disposal of Fluorescent Light Ballasts (Item 04203.967001 M):

1. **Packaging:** The fluorescent light ballasts shall be packaged to the satisfaction of the proposed final disposal facility. Packaging shall meet any transport requirements which apply.
2. **Transportation and disposal:** The fluorescent light ballasts shall be transported off-site for disposal within 60 days of packaging for shipment. Transportation shall be by a NYSDEC Part 364 permitted Waste Transporter approved by the Engineer. Disposal shall be in accordance with 6 NYCRR Parts 371-374 and 40 CFR 761 at a TSCA approved facility for disposal of PCB wastes as approved by the Engineer. All necessary manifests, shipping papers and other required documentation shall be prepared by the Contractor and submitted to the Engineer for review prior to shipment.
3. **Documentation:** The Contractor shall provide the Engineer with documentation, as soon as it is available, from the NYSDEC permitted Waste Transporter and from the disposal facility which verifies that the fluorescent light ballasts have been transported and disposed of in accordance with all applicable Local, State and Federal rules and regulations.

Removal, Packaging for Transport, Transportation and Disposal of Fluorescent Light Bulbs (Item 04203.967002 M):

1. **Packaging:** The fluorescent light bulbs shall be packaged to the satisfaction of the proposed final disposal facility. Packaging shall meet any transport requirements which apply.

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2. **Transportation and disposal:** The fluorescent light bulbs shall be transported off-site for disposal within 60 days of packaging for shipment. Transportation shall be by a NYSDEC Part 364 permitted Waste Transporter approved by the Engineer. Disposal shall be in accordance with 6 NYCRR Parts 371-374 at a RCRA permitted hazardous waste disposal facility, RCRA permitted mercury bulb recycler and/or a RCRA universal waste destination facility as approved by the Engineer. All necessary manifests, shipping papers, land disposal restriction forms and other required documentation shall be prepared by the Contractor and submitted to the Engineer for review prior to shipment.

3. **Documentation:** The Contractor shall provide the Engineer with documentation, as soon as it is available, from the NYSDEC permitted Waste Transporter and from the disposal facility which verifies that the fluorescent light bulbs have been transported and disposed of in accordance with all applicable Local, State and Federal rules and regulations.

E. METHOD OF MEASUREMENT:

Removal, Packaging for Transport, Transportation and Disposal of Fluorescent Light Ballasts (Item 04203.967001 M):

This work will be measured as metric tons of fluorescent light ballasts accumulated, packaged, transported, and disposed of in accordance with the requirements of this item.

Removal, Packaging for Transport, Transportation and Disposal of Fluorescent Light Bulbs (Item 04203.967002 M):

This work will be measured as the linear meter of the fluorescent light bulbs accumulated, packaged, transported, and disposed of in accordance with the requirements of this item.

F. BASIS OF PAYMENT:

Removal, Packaging for Transport, Transportation and Disposal of Fluorescent Light Ballasts (Item 04203.967001 M):

The unit bid price per metric ton for this item shall include the cost of all labor, equipment and materials necessary to complete the work.

Removal, Packaging for Transport, Transportation and Disposal of Fluorescent Light Bulbs (Item 04203.967002 M):

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