

ITEM 599.2101 10 M - MAIN DRIVE MOTORS NB BRIDGE

DESCRIPTION

This work shall consist of the repair of the main drive motors in accordance with the contract documents and as directed by the Engineer.

MATERIALS

None Specified.

CONSTRUCTION DETAILS

This work shall be in accordance with the applicable requirements of the latest edition of the following codes and standards:

1. National Fire Protection Association, National Electrical Code (NEC)
2. National Electrical Contractors Association, NECA 1, Standard Practices for Good Workmanship in Electrical Contracting.

Basis of Acceptance

All shop drawings submitted shall follow the general guidelines and procedures given in the New York State Steel Construction Manual. No installation or rehabilitation work may take place until the shop drawings and procedures have been approved by the Engineer.

The work for the main drive motors shall include, but not be limited to, the following:

1. Remove surface rust on the housing. Prepare paint surface as recommended by the paint manufacturer. Prime and repaint with corrosion-resistant paint. Do not paint over the motor nameplate.
2. Replace any motor nameplate which is approaching illegible condition with a stainless steel nameplate engraved with appropriate information.
3. Replace covers and gaskets of all brush access holes.
4. Replace the corroded brush holders.
5. Remove dust and debris within the motor housing and on the windings.
6. Relocate the in-sight disconnect switch to the location as indicated in plans. Mounting supports and hardware shall be stainless steel.
7. Properly dispose of removed existing components.

METHOD OF MEASUREMENT

This work will be measured for payment on a lump sum basis.

BASIS OF PAYMENT

The lump sum price bid shall include the cost of furnishing all labor, materials, and equipment necessary to satisfactorily complete the work.