

## DIVISION 11 – EQUIPMENT

### SECTION 11160 – LOADING DOCK EQUIPMENT

#### PART 1 – GENERAL

##### 1.01 SCOPE OF WORK

- A. Work required under this Section includes the furnishing and installation of dock leveler, dock bumpers, light communication package, dock lights, seals around dock levelers, and dock door shelters as shown on the drawings and described in the specification.
- B. Deviations, exclusions, electrical or hydraulic alterations and any equipment substitutions must be clearly identified in bidders' proposal and supported with product collateral and layout drawings. Failure to do so will result in disqualification of bidder's proposal.

##### 1.02 SUBMITTALS

- A. Shop Drawings
  - 1. This Contractor shall prepare and submit complete shop drawing for approval prior to fabrication.
  - 2. The drawings shall show all items as required or specified in order that a proper evaluation can be made of the materials and construction to be provided.
- B. Brochures
  - 1. Complete manufacturers brochures shall be submitted. Brochures shall be marked up to indicate all products to be employed in the work in order that a proper evaluation can be made of the materials, methods, assemblies and construction to be provided.

##### 1.03 DELIVERY, STORAGE AND HANDLING

- A. All materials for the work of this Section shall be delivered, stored and handled so as to preclude damage of any nature. Manufactured materials shall be delivered and noted in their original containers, plainly marked with the product's and manufacturer's name. Materials in broken containers or in packages showing watermarks or other evidence of damage shall not be used and shall be removed from the site.

##### 1.04 RELATED WORK

Division 3 – Cast-In-Place Concrete  
Division 5 – Miscellaneous Metal  
Division 8 – Overhead Doors  
Division 16 – Electrical primary and control wiring

##### 1.05 SUBMITTALS

In compliance with requirements established within Section 01300, submit detailed shop drawings for specified equipment.

##### 1.06 WARRANTY

- A. Warranty shall be in accordance with provisions of the General Conditions except where additional requirements are specified here. All warranty periods commence with the date of substantial completion.

## PART 2 – PRODUCTS

Specified herein is DLM Loading Dock Equipment. Other acceptable manufacturer (s) as approved by the owner provided all specified features are included. Bidders should clearly indicate variations to specification on proposal.

### MATERIALS      *THIS IS WHERE WE HAVE TO CUSTOMIZE IT PER OUR PRODUCT*

#### **A.      Edge of Dock Levelers**

1. Edge of dock levelers shall be series NL \_\_\_\_ manufactured by DLM. Leveler shall be \_\_\_\_” wide by 27-3/4” long with minimum of \_\_\_\_\_ lb. capacity.
2. Leveler shall have working range of  $\pm 3$ ” above to  $\pm 3$ ” below dock.
3. Leveler to be mounted to dock face on steel embedded channel, (minimum 8” face) or other sufficient steel.
4. Deck and lip are constructed of high strength steel safety tread plate (minimum yield of 50,000 psi on 20,000 lb. capacity units).
5. Operation – Lever operated by pulling back on the lever approximately 50 degrees, then pushing lever forward placing lip plate of leveler into trailer. Leveler automatically returns to stored position when trailer is moved away from dock.
6. Includes two (4” x 12” x 13”) molded rubber bumpers attached to bump blocks of high strength steel plate.
7. Leveler to be painted gray with orange bumper blocks.

## PART 3 – EXECUTION

### INSTALLATION

#### **LEVELERS**

Install dock levelers as shown on the drawings. Install per manufacturer’s recommendations. Demonstrate leveler operation to Owner’s representative and instruct Owner’s maintenance personnel regarding equipment maintenance.