

Rite-Hite® Eclipse® NH Dock Shelter (Model 620NH)

PART 1 - GENERAL

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- 1.1 CONDITIONS SPECIFIED ELSEWHERE: Section 010000 - General Requirements.
- 1.2 SUBMIT SHOP DRAWINGS showing overall dimensions (width, height).
- 1.3 SUBMIT 3 copies of manufacturer's owner's manual.
- 1.4 WARRANTY: Proposals submitted without the following written warranties will be considered non-responsive.
 - 1.4.1 Shelter manufacturer shall provide with his bid a written minimum 1-year parts and labor warranty, detailed specification sheet with sizes, projection, range of trucks to be serviced, and any other information necessary for proper installation and operation of the unit.
 - 1.4.2 Shelter parts not covered under the warranty shall include: NONE.
 - 1.4.3 In addition to all other warranties, the manufacturer shall warrant that the equipment will perform in a manner satisfactory to the Owner for a period of 12 months after date of installation. If Owner is not then satisfied with the performance of the equipment, the Owner may notify the manufacturer, and the manufacturer shall remove the equipment and refund the equipment purchase price to the Owner. This warranty shall be provided by the manufacturer in writing at time of bid.

PART 2 - PRODUCTS

- 2.1 Shelter shall be manufactured by Rite-Hite or an approved substitute. Shelter shall be sized by manufacturer to meet specific application requirements.
- 2.2 Shelter shall be _____' _____" overall unit width x _____' _____" unit height off grade x _____" projection.
 - 2.2.1 Tallest truck heights to be serviced shall be _____' _____". Effective coverage range of the header seal shall be 15". Standard coverage range includes trailers between 12'3" and 13'6" high off grade.
- 2.3 Side curtains shall provide full access to trailer and shall be removable. Removal shall require no tools.
 - 2.3.1 Side curtains shall be attached with Touch-N-Hold fastening and furnished with stay stiffeners in fabric panels.
 - 2.3.2 Side curtains shall have a double sealing leading edge.

- 2.4 Header shall be constructed as a canopy style header with a pivoting steel tube frame, and an integrated gutter and capable of pivoting up should trailer height rise unexpectedly during positioning.
 - 2.4.1 Header seal shall provide a tight, consistent seal across the entire width of the trailer top, regardless of trailer height within standard range.
 - 2.4.2 Foam sealing member shall be weighted and lie flat across entire width of trailer top.
- 2.5 Header seal member shall be self positioning and require no manual activation.
 - 2.5.1 Weighted foam sealing member shall be protected by flexibly attached front impact plates that act to position the seal on top of the trailer.
 - 2.5.2 Weighted foam sealing member shall be free to move vertically with trailer displacement to maintain a tight seal during loading and unloading conditions.
- 2.6 Header seal shall provide unobstructed full height access to the trailer opening.
- 2.7 Canopy top and side frame fabrics shall be a lightweight fabric.
- 2.8 Side frame shall be constructed with foam wrapped in flexible HMWPE sheets and wrapped in outer fabric layer. Side frame shall be impactable by trailer.
- 2.9 Side curtain construction consists of a sealing pocket at the top for the foam sealing member to penetrate during operation. Gaps at upper corners of unit where head curtain meets side curtain shall be blocked.
 - 2.9.1 Side curtain pocket shall be self positioning with foam sealing member and require no manual activation.
 - 2.9.2 Side curtain fabric shall be high strength with friction-resistant surface.
- 2.10 Collapsible bottom draft pads shall seal the gap between the sides of the trailer and the side frames.

PART 3 - EXECUTION

- 3.1 INSTALLER shall examine the substrate and conditions under which shelter/seal is to be installed and notify the A/E and Contractor in writing of any conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected in a manner acceptable to the installer.
- 3.2 SHELTER MANUFACTURER'S REPRESENTATIVE shall install header seal/shelter in accordance with approved shop drawings and manufacturer's recommendations.
- 3.3 AFTER INSTALLATION is completed, a representative of the manufacturer shall examine the installation and require that all adjustments necessary to assure proper operation of header seal/shelter has been made. Before acceptance, an inspection shall be conducted in the presence of the Owner's representative to guarantee that the shelter/seal operates properly in every respect.