

ITEM 10615.1246 M - BAT HOUSE

DESCRIPTION

Under these items, the Contractor shall furnish and install Bat houses in accordance with the plans and at the locations indicated on the plans or as designated by the Engineer.

MATERIALS

Unless otherwise approved, the following shall apply:

Lumber: All lumber shall be in accordance with Subsection 712-13. The lumber shall be rough cut cedar. Oil based preventative treatments will not be permitted.

Hardware: Nails shall be standard quality galvanized box nails.

Sheet Metal: Sheet metal for predator guards shall be ASTM A606 and shall be hot-dip galvanized per Subsection 719-01 Type IV. Type 304 or 316 stainless steel sheet for bracket mounting plate shall conform to ASTM A276.

CONSTRUCTION DETAILS

Construction of Bat House shall be as detailed in the contract plans. These Bat houses shall not be painted, nor shall they receive a stain or any other protective coating. A bead of silicon caulking along each exterior joint to prevent heat loss shall be applied.

The treated wood posts shall be driven into the ground at the locations indicated or where directed by the Engineer, to a depth as specified on the plans. The post top shall be cut off at a height as specified on the plans, above the ground. If the Bat House is to be mounted to a tree it shall face South or Southeast so that it catches the morning sun and is in the shade during midday.

After a post is driven, the Bat house, complete with bracket mounting plate, shall be securely fastened to the top of the post at the indicated height and as detailed in the plans. At locations near water, the Bat house shall be oriented to face South, or 90° to the prevailing winds. Sheet metal predator guards shall be fastened to the posts as detailed in the plans. The Contractor shall exercise care to cause minimal disturbance to any pond or stream bed during the driving of posts and attachment of the Bat houses.

The completed Bat House must meet the approval of both the Engineer and the Regional Environmental Contact Person and/or Regional Landscape Architect. The Contractor shall make whatever modifications are required to meet this approval at no additional cost to the State.

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METHOD OF MEASUREMENT

This item will be measured as the number of Bat Houses installed and accepted.

BASIS OF PAYMENT

The unit price bid shall include the cost of furnishing all labor, equipment and material necessary to complete the work. Payment will be made upon acceptance of the completed Bat Houses.

DISAPPROVED
BY EI 12-001