

## **SECTION 10293**

### **BIRD CONTROL**

#### **SPECIFICATIONS – AVIAN BARRIER BIRD CONTROL NETTING SYSTEM 3/4" POLYETHYLENE LIGHT GREY**

#### **PART 1 - GENERAL**

##### **1.1 DESCRIPTION**

- A. The contractor shall provide all labor, supplies, equipment, materials, management and supervision to install Avian Barrier bird control netting on the exterior of the structure to provide for the permanent exclusion of birds generally found infesting man-made structures. The bird-netting system shall not be noticeable from locations where the structure is normally viewed.
- B. Provide the necessary equipment to install the bird-netting system in the sections of the structure indicated on the attached drawing.

##### **1.2 QUALITY ASSURANCE**

- A. Single Source Responsibility. Furnish products from one manufacturer for the entire project.
- B. Obtain all technical information on products and installation requirements from the manufacturer prior to installation.
- C. Utilize only qualified installers with experience in pest bird control to include labor that is knowledgeable in the installation of Avian Barrier bird control netting system.
- D. Installer may visit the site to gather all necessary information relevant to the existing site conditions.
- E. Comply with all legal requirements for the correct disposal of bird waste.

##### **1.3 INSTALLER QUALIFICATION STANDARD**

- A. The contractor must provide evidence of at least 3 similar projects in size and complexity which have been performed by the installer within the previous five years.
- B. The contractor must provide individual qualifications and past projects history of each installer who will work on this project.

##### **1.4 WARRANTY**

- A. The contractor shall guarantee workmanship, materials and effectiveness of the installation.

##### **1.5 SUBMITTALS**

- A. Prior to installation the contractor shall submit samples of all materials to be installed but not limited to:
  - 1. Netting 12" x 12"
  - 2. Anchors to support framework
  - 3. Stainless steel cable
  - 4. Netting to framework attachments

##### **1.6 PRODUCT HANDLING**

- A. Protect all Bird Control Depot products from damage prior to, during and after the installation.

## **PART 2 - PRODUCTS**

### **2.1 MANUFACTURERS**

- A. Acceptable Manufacturer: Bird Control Depot, 13 Linnell Circle, Billerica, MA. 01821. 1-800-562-2473
- B. Substitutions: None Permitted.

### **2.2 PRODUCT DESCRIPTION**

- A. Model Designation: Avian Barrier Bird Control Netting System.

### **2.3 MATERIALS**

- A. Bird netting shall be an 8/6, knotted multi twine, Ciba U.V. resistant polyethylene material in a light grey matte, non-reflective finish. Netting twine shall be a maximum 0.008" in diameter and have a knotted square strength of at least 33 lbs, with a maximum 3/4" (22mm) square mesh size.
- B. The cable framework shall be a maximum of 1/16" diameter stainless steel and shall be supported by stainless steel screw eyes with an inside eye diameter not exceeding 3/16".
- C. Netting to framework connectors shall be stainless steel c-rings with a maximum closed inside diameter of 3/16".

### **2.4 MATERIALS SOURCE**

- A. All parts and accessories including Avian Barrier Bird Control Netting shall be from the manufacturer Bird Control Depot, 13 Linnell Circle, Billerica, Ma. 01821.

## **PART 3 - EXECUTION**

### **3.1 PREPARATION**

- A. Surface should be thoroughly cleaned and free of bird droppings, nesting materials, rust peeling paint or other debris.
- B. Ensure that the area where bird netting is to be installed is cleared of extraneous debris that would hinder the installation, performance or damage to the bird netting including:
  - 1. Foliage
  - 2. Tree branches
  - 3. Loose stones or other objects on the structure.

### **3.2 INSTALLATION**

- A. Follow manufacturer's instructions for Avian Barrier Bird Control Netting system.
- B. Netting shall be installed taut and flat within 1/16" diameter stainless steel cable framework. All fittings, fasteners and hardware shall be stainless steel. The stainless steel cable framework shall be supported by stainless steel reversible screw eyes with a maximum inside eye diameter of 3/16". All netting to framework connections shall be stainless steel c-rings with a maximum closed inside diameter of 3/16".
- C. Holes to be drilled only where deemed necessary and be no more than 3/16" diameter and 1" deep.
- D. The bidders shall provide a detailed plan of the method, materials and resources to be used in the installation of the bird netting system.

### **3.3 PROTECTION AND CLEAN UP**

- A. The contractor shall provide protection and maintain conditions in a manner acceptable to the owner which ensures protection of masonry from damage, discoloration, or deterioration during installation of the bird netting system.
- B. The contractor shall protect work from damage until final acceptance of the project, protect all adjacent construction and finishes from damage due to work performed under this contract.
- C. The contractor shall, at the end of each work day remove all rubbish and discarded materials from the site.

### **3.4 HOURS OF WORK**

- A. The contractor shall submit to the owner not later than five working days after the contract award, a phasing schedule which shows the sequence of work.

### **3.5 INSPECTION**

- A. Visually inspect the Avian Barrier bird netting for signs of poor installation including loose screws, cables, other attachments and overall workmanship quality.
- B. Immediately correct and repair where necessary.

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**END OF SPECIFICATION**