

**DIVISION 10
SPECIALTIES**

SECTION 10290.0 BIRD NETTING

PART 1: GENERAL

1.01 SUMMARY:

This Section presents the requirements of the bird netting for Evaporation Pond construction. The **CONTRACTOR** shall provide labor, materials and supervision to install bird control netting over the Evaporation Ponds. The bird netting shall preclude water fowl from entering into the Evaporation Ponds.

1.02 SUBMITTALS:

- A. **CONTRACTOR** shall obtain technical information on products and installation from the **MANUFACTURER** and submit to the **MANAGER** and **ENGINEER OF RECORD** for evaluation prior to installation.
- B. **CONTRACTOR** shall provide samples of each type of bird netting used, including proposed fastening methods and hardware.
- C. Prior to installation of the bird netting, the **INSTALLER** shall submit a statement by official indicating that they are a certified installation company.

1.03 WARRANTY:

- A. **INSTALLER** of the bird netting shall provide a warranty on materials and installation to the **OWNER** at the completion of installation, as follows:
 - a. The bird netting shall carry a minimum ten (10) year guarantee against ultraviolet (UV) breakdown for black netting.
 - b. Installation of the bird netting shall be guaranteed for a minimum of two (2) years.
 - c. Installation shall be performed by a certified authorized **INSTALLER**, and proof of this certification is required.

1.04 QUALITY ASSURANCE:

- A. Any work found unsatisfactory or any work disturbed by subsequent operations before acceptance is granted shall be corrected by **CONTRACTOR** as directed by **MANAGER**.
- B. Single source responsibility – All parts and accessories of the bird netting shall be from one **MANUFACTURER**.
- C. Prior to installation, the **INSTALLER** shall visit the site to gather information regarding site conditions. The **INSTALLER** shall visit the site and field measure prior to fabrication and delivery of materials.

PART 2: PRODUCTS

2.01 MATERIALS:

- A. Bird netting shall consist of high density polyethylene netting, black or stone color as approved by **MANAGER**, with a four (4) inch mesh size opening as indicated on the **DRAWINGS**. Netting shall be UV, flame, and rot resistant.
- B. Bird netting shall be seamless knotted construction, and meet the requirements of ISO 9001 2000.

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2.02 STORAGE AND HANDLING:

- A. Provide storage to keep all bird netting and netting hardware shipping boxes dry, clean and undamaged.

PART 3: SUMMARY

3.01 INSPECTION:

- A. Visually inspect the surfaces that will receive the netting hardware and all areas that will end up behind or inside the installation. Note any damaged surfaces or incomplete construction that could compromise the bird netting installation.
- B. Note all areas, surfaces or objects that may require maintenance or periodic replacement after the bird netting is installed (i.e. lights, electrical equipment). Plan on using the appropriate netting hardware to allow access after installation.

3.02 PREPARATION:

- A. Field measurements: Verify dimensions of the areas to be enclosed. Ensure that sufficient quantity of bird netting, netting hardware and surface cleaning products to properly install the bird netting as shown on the DRAWINGS.
- B. All surfaces are to be clean, dry and free of obstructions before bird control is installed.

3.03 INSTALLATION:

- A. Coordinate installation with existing conditions, other construction activities, and within on-site tolerances.
- B. Install the bird netting hardware as recommended by the MANUFACTURER. General order of installation: install perimeter and support hardware; attach bird netting to installed hardware; install access or additional support hardware as specified.
- C. Install bird netting as recommended by the MANUFACTURER. If necessary, cut the netting to fit the area. If multiple pieces are needed, join the pieces together with the recommended seam fastening hardware.
- D. Install bird netting to avoid contact with machinery, vehicles, extreme heat, tree branches, etc. Make necessary adjustments to keep the netting a sufficient distance from these objects or conditions.
- E. Finished installation should be free of wrinkles, gaps or openings.

*** END OF SECTION ***