SPECIFICATIONS – Bird Jolt Flat Track® Bird Abatement System

PART 1 – GENERAL

1.1 SUMMARY

A. Description of work: Work for this section includes, but is not limited to the following:

1. Electrified track bird deterrent system.
2. Control devices and associated wiring and connections for the work of this section.

1.2 QUALITY ASSURANCE

A. Single Source Responsibility: Furnish products from one manufacturer for the entire project.

B. Country of Origin: Product must be manufactured in the U.S.A.

C. Obtain all technical information from the manufacturer.

D. Utilize labor or Bird·B·Gone® Authorized Installers who are certified in Bird·B·Gone® product installations. Proof of Certification is required.

E. Installer shall visit the site to gather all information of existing site conditions.

1.3 SUBMITTALS

A. Product Data: Submit all descriptive information from the manufacturer including catalogs, installation instructions and other descriptive material.

B. Provide Warranty: Material and installation.

C. Provide Samples: Each type of hardware, including proposed fastening methods.

D. Provide statement by official indicating that they are a Certified Installation Company.

1.4 SYSTEM REQUIREMENTS

A. Electrical Requirements:

1. Provide wiring in accordance with applicable local codes and National Electric Code Standard.
2. Test wiring system for insulation to ground.

1.5 PRODUCT HANDLING

A. Protect Bird·B·Gone® products from damage before, during and after the installation.

B. If damage occurs to any Bird·B·Gone® Products, make all necessary replacements immediately.

1.6 PROJECT CONDITIONS

A. Coordination: Furnish samples of system so installation can be coordinated with existing conditions and within on-site tolerances.

PART 2 – PRODUCTS

2.1 ACCEPTABLE MANUFACTURER

A. Manufacturer:

Bird B Gone LLC
Bird Jolt Flat Track® Bird Abatement System
1921 E. Edinger Ave.
Santa Ana, CA 92705
Tel: 800-392-6915 or 949-472-3122
Fax: 949-472-3116
E-mail: nobirds@birdbgone.com
P.O.C.: Chris Fields

2.2 PRODUCT DESCRIPTION

A. Model Designation:

1. Bird Jolt Flat Track™ – Electric Bird Abatement System
   a. Height: 3/8” at the highest point.
   b. Width: 1-5/8”.
   c. Features:
      a. Patented anti-arcing design
      b. Two (2) strips of corrosion resistant copper, ETP (Electrolytic Tough Pitch) .005” dia., tin-plated per ASTM B-33 Knitted Wire Mesh (continuous knitted wire mesh stocking) .25” high; .032” thick, sewn into the top of the track.
      c. Two (2) glue troughs running on bottom of strip for easy installation and maximum adhesion.
   d. Base Strip: Flexible. Can bend 360° on vertical plane.
   e. Length: 100 ft. rolls.
   f. Packaging: 100 ft. kits with installation hardware.
   g. Color: Available in Gray, Stone, Black, or Terracotta.
      i. As designated by the project specifications.
   h. Number of rows as determined by the manufacturer and based on project conditions.
   i. Mounting Systems: As determined by the manufacturer and based on project conditions.
   j. Lead-in Wire: Use 18-gauge copper lead-in wire.

B. Product made in the U.S.A.

2.3 MATERIALS

A. Bird Jolt Flat Track™ System Kit Components:
   1. Flexible U.V. stabilized PVC base with corrosion resistant copper, ETP (Electrolytic Tough Pitch) .005" dia., tin-plated per ASTM B-33 knitted wire mesh (continuous knitted wire mesh stocking) sewn into base strip.

   2. Bilingual Warning labels.
      a. 10 per 100 ft. installation.
   3. Power terminal connectors.
      a. 2 per 100 ft. installation kit.
   4. Snug-Fit Connectors
      a. 3 per 100 ft. installation kit.

B. Bird Jolt Flat Track™ Charger System Options:
   1. CHG-AC750:
      a. Bird Jolt Flat Track Direct Charger:
         Housed in NEMA Type 3 or 4 weatherproof enclosures.

         Input Voltage: 110-120 VAC, 60 Hz, 1 VA.
         Output Voltage: 6,000 V unloaded (open circuit).
         Output Energy: 0.1 joules.
         Output Type: Low impedance, pulsed output (approx. 1 pulse per second).
         Track Capacity: Up to 500 ft of Bird Jolt Flat Track.

   2. CHG-SLR740
      a. Bird Jolt Flat Track Solar Charger:
         Input Voltage: 4.0 VDC.
         Output Voltage: 7.0KV (+/-) 20% open circuit voltage, intermittent DC current.

C. Construction:
   1. Bird Jolt Flat Track™: Flexible one-piece construction.
   2. Installation Hardware: Highest quality stainless steel, plastic and metal components.

D. Adaptation: Sharp scissors, Exact-O knife, cable cutters, etc. can be used to cut / adapt the product to desired section length.

2.4 MOUNTING SYSTEMS

A. Steel, Brick, Stone or Concrete: Attach Bird Jolt Flat Track and Bird Jolt Flat Track connectors using an outdoor construction adhesive that is non-silicone based. Purchase directly from the manufacturer or call for recommended adhesives.

PART 3 – EXECUTION

3.1 EXAMINATION

A. Examine the installation area and note any detrimental or hazardous work conditions. Notify contracting officer or inspector of the detrimental work conditions.
B. Do not proceed with the installation until conditions are corrected.

3.2 SURFACE PREPARATION

A. Surface should be thoroughly cleaned and free of bird droppings, nesting materials, rust, peeling paint or other debris.
B. Remove or repair articles that may damage Bird Jolt Flat Track™ Electric Bird Abatement System including overhanging foliage, brush and loose parts on the structure.

3.3 INSTALLATION

A. Install Bird Jolt Flat Track™ Electric Bird Abatement System.

1. **Warning:** Electrical track systems should not be used if contact with flammable liquids, vapors, or fumes is possible. Electric track systems should never be used in and around gas stations.
2. Install with appropriate anchors or fasteners for each substrate.
    a. Glue track to mounting surface.
    b. All Flat Track strips should be adhered (glued or secured) to surface area being treated.
2. Space materials in accordance with the manufacturer's recommendations.
    a. Follow angles and contours closely.
3. Install bilingual warning labels near power source and no more than 10' apart on buildings, and on windows where electrified wire is on outside ledge.

3.4 INSPECTION

A. Upon completion of installation, test operation to demonstrate satisfactory operation and acceptability.
B. Visually inspect Bird Jolt Flat Track™ Bird Abatement System for any signs of poor installation, including loose screws, fasteners or un-removed debris.
C. Immediately correct and repair as necessary.

END OF SPECIFICATIONS