SPECIFICATIONS – SHOCK TRACK ELECTRIC 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 wire 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. Obtain all technical information from the manufacturer.

C. Utilize labor or Bird-B-Gone Authorized Installers who are Certified in Bird-B-one product installations. Proof of certification required.

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

1.3 SUBMITTALS

A. Submit all descriptive information for the manufacturer including catalogs, installation instructions and other descriptive material.
B. Provide Warranty on material and installation.
C. Provide samples of 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.

1.6 PROJECT CONDITIONS

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

1.7 WARRANTY

A. Product shall carry a minimum 5-year guarantee against U.V. breakdown.

PART 2 – PRODUCTS

2.1 ACCEPTABLE MANUFACTURER

A. Manufacturer:

Bird-B-Gone, Inc.
Shock Track – Electric Bird Abatement System
23918 Skyline
Mission Viejo, CA 92692
Tel: 800-392-6915 or 949-472-3122
Fax: 949-472-3116
P.O.C.: Bruce Donoho

2.2 PRODUCT DESCRIPTION

A. Model Designation:

1. Shock Track – Electric Bird Abatement System
    a. Height: 1/2”
    b. Spacing: Staggered - To prevent water from damming.
    c. Base Strip: Flexible - Can bend 360° in any direction.
    d. Length: 100 ft. rolls.
    e. Packaging: 100 ft. rolls with all installation hardware needed.
    f. Color: Available in Gray, Stone, Black, Clear, or Terracotta.
        i. As designated by the product specifications.
    g. Number of rows as determined by the manufacturer and based on project conditions.
    h. Mounting Systems: As determined by the manufacturer and based on project conditions.

2.3 MATERIALS

A. Shock Track System Kit Components:
    1. Flexible PVC base with stainless steel wires heat staked into plastic.
        a. 100 ft. rolls.
    2. Stainless steel mounting clips.
        a. 30 per 100 ft. installation.
    3. Warning labels.
        a. 10 per 100 ft. installation.
    4. Power terminal connectors.
        a. 2 per 100 ft. installation kit.
    5. Insulated lead-in wire.
        a. 20 ft. per 100 ft. installation kit.
    6. Connectors
        a. 10 sets per installation kit.
            i. 10 pieces - Male.
            ii. 10 pieces - Female.

B. Shock Track Charger System Options:
    1. ST2004-AC750:
        a. Shock Track Direct Charge:
        Housed in NEMA Type 4 or 3 weatherproof enclosure. **Input Voltage**:

        110-120 VAC, 60 Hz, .035 amp, 10W. **Output Voltage:** 800 v (+/-) 20% open circuit voltage, intermittent AC output.

    2. ST2004-SCR740
        a. Shock Track Solar Charger: **Input Voltage:** 4V, .02 amp, .08 W. **Output Voltage:** 7.5KV (+/-) 20% open circuit voltage, intermittent DC.

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C. Construction:
    1. Shock Track: Rigid one-piece construction.
    2. Installation Hardware: Highest quality stainless steel, plastic and metal components.
D. Adaptation: Tin snips, etc. can be used to cut / adapt the product to desired section length.

2.4 MOUNTING SYSTEMS

A. Steel, Brick, Stone or Concrete: Attach Shock Track Mounting Brackets and Shock Track using an outdoor construction adhesive that is non-silicone based. Purchase directly from the manufacturer or call for recommended adhesives. If mounting surface warrants, screw or bolt down Shock Track 2004 System in conjunction with using construction adhesive.

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 Shock Track Electric Bird Abatement System including overhanging foliage, brush and loose parts on the structure.

3.3 INSTALLATION

A. Install Shock Track Electric Bird Abatement System.

    1. Install with appropriate anchors or fasteners for each substrate.
        a. Glue and Snap-fit the Shock Track down into each mounting clip.
        b. Glue remaining track (between mounting clips).
        c. All Shock 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 warning labels on windows where electrified wire is on outside ledge.
4. For installations on roofs, coordinate with placement of ballast.

3.4 INSPECTION

A. Upon completion of installation, test operation to demonstrate satisfactory operation and acceptability.
B. Visually inspect Shock Track – Electric 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