SECTION PART 1 – GENERAL

1.1 RELATED DOCUMENTS

A. The Drawings and general provisions of the Contract, including General Conditions, Supplementary Conditions, and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes traffic doors and door frames.

1.3 SUBMITTALS

A. Product Data: Submit product data for each specified type of door and frame. Include detailed information on materials, components, profiles, finishes, and fire ratings (if applicable).

B. Shop Drawings: Submit shop drawings showing fabrication and installation details for traffic doors and frames. Drawings shall include plans, elevations, sections, and details of attachment to adjacent construction.

PART 2 – PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS/PRODUCTS A.

Traffic Door Manufacturer: Subject to compliance with requirements, no substitutions.

TDK DOORS INC

604-243-1424

sales@tdkdoors.com

www.tdkdoors.com

B. Model: RS 3000

RS3000-SS(22 ga stainless steel finish add on the panel change it into RS3000-SS)

2.2 DOOR COMPONENTS

A. Model RS 3000 Solid Core Traffic Doors

1. Doors shall be constructed with a 3/4" thick solid wood core and finished with high-pressure laminate

on both sides.

2. Doors shall be equipped with stainless steel impact plates, [12", 24", 30", or 36"] high on both faces of the panel.

   OR

   Doors shall be equipped with ABS impact plates, [12", 18", 24", 30", or 36"] high on [one side or both sides] of the panel. Color to be selected by the Architect from the manufacturer's standard color range. **OR**

   Doors shall feature polyethylene teardrop bumpers with a 3" projection, [6", 12", 18", 24", 36", or 42"] high.

3. Standard hardware shall be the "E" Series adjustable gravity-close system with powder-coated panel mounted hinge body and matching powder-coated jamb mounting brackets. Removable black covers allow for hinge adjustment during installation. Optional stainless steel covers are available. **OR**

   Optional "E" Series adjustable gravity-close hardware system in stainless steel, including a stainless steel panel-mounted hinge body and stainless steel jamb mounting brackets. Removable covers shall also be stainless steel.

4. Bottom hinge assembly shall include a 1/2" diameter powder-coated steel pin with a panel-mounted saddle bracket and all necessary hardware for floor and jamb mounting.

   OR

   Optional bottom hinge assembly shall include a 1/2" diameter stainless steel pin with a panel-mounted saddle bracket and all necessary hardware for floor and jamb mounting.

5. Standard window shall be a 9" x 14" shatter-resistant acrylic pane, factory-installed and sealed in black rubber molding. The window shall be centered 60" above finished floor level.

   OR

   Optional window types include:

   – 9" x 14" acrylic window

   – 12" round gasketed window

   – Flush-mounted window

2.3 FABRICATION

A. General:

Traffic doors shall be provided as complete, factory-assembled units, ready for installation.

B. Metal Surfaces:

Metal components exposed to view upon project completion shall be free of blemishes, and have smooth, flat surfaces.

2.4 WARRANTY

A. The manufacturer shall provide a warranty of **730 days from the date of installation** or **760 days from the date of shipment**, whichever occurs first.

PART 2 – EXECUTION

A. Install traffic doors complete with all necessary hardware and accessories in accordance with the final approved shop drawings, the manufacturer's instructions, and the requirements specified herein.

B. All assemblies shall be installed plumb, level, and properly aligned.

C. Upon completion of installation, all doors shall be lubricated, tested, and adjusted to ensure smooth operation without warping, twisting, or distortion.

END OF SECTION