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: PL 38V

PL 38V-SS(22 ga stainless steel finish add on the panel change it into PL38V-SS)

2.2 DOOR COMPONENTS

A. **Door Panel**:
Constructed with a high-impact ABS textured finish and bonded foam core, forming a total panel thickness of 1-1/2". Leading and bottom edges shall be extruded to accept gasket inserts. Rear edges shall include an aluminum reinforcement spine nosing designed to accept additional gasket sealing.

B. **Door Core**:

High-density foam core bonded to the inner surface of the molded ABS shell.

C. **Hinge System** (Standard):

1. **Upper Hinge**: Self-closing “V” cam design with [1-3/8" standard rise]. V-cam assembly is fully composite and resistant to corrosion and rust.
2. **Lower Hinge**: Cast aluminum lower hinge adapter.
3. **Hinge Shaft**: 1" diameter tubular steel shaft, securely connected to the reinforced aluminum spine of the door.

D. **Vision Panel**:

Window glazing shall be 1/8" thick polycarbonate. The maximum distance from the finished floor to the bottom of the viewing area shall not exceed 48".

Window size options: 10” x 16”,16”X16”, 17” x 23”, 10” x 30” ADA, 12”X30”

E. **Gaskets**:

Black PVC gaskets shall be extruded to fit into pre-formed gasket key slots along the door

edges. **2.3 WARRANTY**

A. Warranty period shall be 730 days from the date of installation or 760 days from the date of shipment, whichever occurs first

PART 3 – EXECUTION

3.1 EXAMINATION

A. Verify that all openings are prepared to receive the specified door systems and that the dimensions and clearances match the contract documents.

B. Coordinate with the appropriate trades to correct any unsatisfactory conditions prior to installation. C.

Commencement of installation shall be considered acceptance of the opening conditions by the installer.

END OF SECTION