SECTION 11 62 16 - CARILLONS

 GENERAL

 SUBMITTALS

 Action Submittals:

 Product Data: Manufacturer’s descriptive data and product attributes.

 Closeout Submittals:

 Operation and Maintenance Data.

 QUALITY ASSURANCE

 Installer Qualifications: Firm specializing in work of this Section, with minimum [2] [\_\_] years’ experience.

 WARRANTY

 Manufacturer’s [5] [\_\_] year warranty against defective materials and failure of carillon system.

 PRODUCTS

 MANUFACTURERS

 Contract documents are based on products by Chime Master (800) 344-7464, [www.chimemaster.com](http://www.chimemaster.com)

 Substitutions: [Refer to Division 01.] [Not permitted.]

 EQUIPMENT

 Digital Electronic Carillon System Description: Model: Platinum AX; solid cherry front casing with color touchscreen with dual 15 watt front panel speakers.

 Bell instruments digitally recorded in high definition with choice of musical voice and liturgical ringing sound.

 Minimum [23] [73] bell notes covering [5] [\_\_] octaves from [C1 to Re#.] [\_\_\_\_ to \_\_\_\_.]

 Available music library with hymn arrangements. Option to record or import additional arrangements.

 Liturgical ringing programs for standard events. Custom tolling by means of color touch screen or smartphone remote.

 Clock chiming with choice of chiming melodies or no chiming.

 Internet capable, allowing for management by smartphone remote control or chime center management portal.

 Weatherproof speakers, minimum [800] [\_\_] watt, [five] [\_\_] high-fidelity speakers.

 Long throw speakers, maximum of eight.

 Digital low distortion Amplifiers, minimum of two.

 Interior loudspeaker.

 Subwoofer.

 Directional volume control for loud and quiet zones.

 Wired and wireless MIDI organ tie-in and keyboard USB input with cable.

 Ethernet port for Internet connection.

 Rechargeable backup power source.

 Internet clock synchronization.

 Automatic Daylight Time correction.

 Professional balanced audio outputs.

 Horn protection.

 Rack mounting brackets.

 WiFi Adapter.

 ACCESSORIES

 [Sanctuary speakers.]

 [Tower clock control.]

 [Tower bell control.]

 [Wired and wireless MIDI organ tie-in]

 [AGO Keyboard, steel chassis in oak sold wood cheeks with 61 key semi-weighted keys.]

 [WCF keyboard controller, fully assembled.]

* + - 1. [Wooden] [Synthetic] keys.
			2. Size: 43 high x 60 wide x 26-1/2 inches deep.
			3. Wooden adjustable bench.

 Wiring: As required by applicable building code.

 EXECUTION

 INSTALLATION

 Install carillon system in accordance with manufacturer’s instructions.

 CLOSEOUT ACTIVITIES

 Demonstration: Demonstrate system operation and programming to Owner.

END OF SECTION