Suggested Specification for Digilock KP-H
Surface Mount in Nickel Finish

All locksets shall be Digilock KP-H series locksets, as manufactured by Security People Inc., Petaluma, California, USA or exact functional, size, material and finish equivalent.

The lockset shall be a keypad operated electronic lock with the following operating functionality:

> The lockset shall be operable by a re-programmable four-digit user code, five-digit management code or an electronic bypass key. Entry of a valid user code or bypass key shall unlock the lockset by retracting its deadlatch/bolt for an adjustable amount of time with a default of 1 1/2 seconds; allowing the opening of the door by pulling the lockset's optional pull handle or other handle(s) provided by the locker vendor. The door shall be locked automatically when shut. The lockset shall accept up to twenty-five unique electronic bypass keys. The lockset shall automatically lockout for one minute after three consecutive entries of invalid operating codes. The lockset shall contain an LED for visual feedback as well as a buzzer for audio feedback. When opening, the LED shall emit a green light to indicate opening. The buzzer shall emit an audio feedback in the case of each keypad stroke, entry of valid/invalid code or key, low battery and binding. The user code shall be re-programmable by use of the electronic bypass key. The electronic bypass keys shall be registered to the lock with an electronic programming key that is unique to the lock/system. The lockset shall be able to load and manage all bypass key data via windows based software. This software shall also be used to display the audit trail readings. The lockset shall not require the user to insert cards or other peripherals to operate.

The lockset shall be battery operated. The batteries shall be included with the lockset. The lockset shall work stand-alone. No wiring shall be required from a lockset to another or to a central processor. The batteries shall last a minimum of 5 years with 20 operations per day.

The lockset's housings and deadlatch/bolt shall be made of metal and contain a keypad with the buttons made of metal and the characters engraved in blank ink.

The lockset shall consist of two modules with the front module containing the keypad and the rear module containing the deadlatch/bolt. The front and rear modules shall contain a built-in connector capable of mating when the modules are installed on the door. The dead latch/bolt shall be motor driven and extend ½" from the lock housing. If provided with a ½" deadlatch, the deadlatch unit shall consist of a 45º angled main latch and sublatch which shall provide the dead latching functionality when the door containing the locking unit is closed shut. The sublatch shall be placed against the surface of the strike plate or door jam while the main latch engages with the opening of the door strike or behind the door strike (whichever the case may be) triggering the internal deadlocking. The ½" deadlatch/bolt cannot be retracted, jimmied or fished or otherwise forced manipulation from the outside of the lock case but only by internal function of the lock by presentation of a valid operating code or key.

A security strike plate surrounding the latch/bolt shall be included with each lockset to enable the deadlocking feature.

The front module shall be installed on the outside of the door and the rear module on the inside of the door placing the door in between the two modules. The two modules shall be connected to one another

through an opening on the door with their built-in connector; and secured to one another and to the door via two 10-24 mounting screws placed through the rear module and the mounting holes on the door.

The lockset's front module containing the keypad shall not be larger than 2.100(w) x 2.700(h) x 0.640(d) with a receptacle for the management bypass key and shall carry an architectural finish of U.S. BHMA 619 (brushed nickel).