Suggested Specification for Digilock T-70

All locksets shall be Digilock T-70 series locksets, as manufactured by Security People Inc., Petaluma, California, USA or exact functional, size, material and finish equivalent.

The locksets shall be operated or programmed by touching of valid Button Keys to the receptacle on the front face of the lock. The Button Keys shall be identification devices manufactured by Dallas Semiconductor of Dallas, Texas.

There shall be three different types of Button Keys:

- User Button Keys
- Management Button Keys
- Programming Button Keys

The User and Management Button Keys shall operate the lock and the Programming Button Key shall be capable of programming the operating keys to the lock.

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

> The lockset shall be re-programmable and operate with the User or Management Button Key. Touching of a valid operating key shall unlock the lockset by retracting its ½" deadbolt allowing the opening of the door by pulling the lockset's optional pull handle or other handle(s) provided by the locker vendor. Closing the door and touching a valid operating key to the lockset shall lock the door. The lockset shall contain an LED for visual feedback as well as a buzzer for audio feedback and shall emit a single flash of the LED and a single beep when locking and a double flash of the LED and double beep when unlocking. The LED shall emit visual feedback in the case of reading a valid/invalid Button Key and the buzzer shall emit an audio feedback in the case of a low battery or binding. All keys shall be re-programmable by use of the Programming Button Key; touching of the programming key followed by touching of the User or Management Button Key should accomplish the programming. The locks shall be capable of being programmed to one User Button Key and up to twenty-five Management Button Keys. 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 using off the shelf premium alkaline batteries.

The lockset shall consist of two modules with the front module containing a Button Key reading receptacle and the rear module containing the deadbolt. The front and rear modules shall contain a built-in connector capable of mating when the modules are installed on the door.

The Button Key reading receptacle shall be made or durable all weather material to resist corrosion and contain a spring loaded data pin to assure positive contact with the Button Keys.

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 sliding the built in mounting screws on the front unit through the holes on the rear unit and securing it with provided locking nuts.

The housings of the front and rear modules shall be made of metal. The deadbolt shall not be retracted, jimmied or fished when fully extended from the outside but only by internal function of the lock.

The lockset's front module containing the Button Key reading Receptacle shall be oval in shape and have a recess above the built-in post to allow insertion of the finger to lift the vertical locking bar upon unlocking of the locker. The unit shall not be larger than 2.100(w) x 2.700(h) x 0.750(d) and the built in posts shall be designed to fit the standard lock mounting hole pattern supplied by locker manufacturers. No additional holes shall be required to install the locking device. The lockset's front module shall carry an architectural finish of U.S. BHMA 619 (brushed nickel).