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**Quotation for Electrical Work Repair Of Main Slide Gate Operator**

**For: New Windsor USARC**

3/14/2019

**Location: New Windsor , N.Y.**

**Scope of work involved at New Windsor USARC**

**Additional Work required**

1. Evaluation of Main Parking Lot Slide Gate.
2. Replace Trolley Wheels assemblies on Bollard Posts to align gate to roll correctly through New Installed Gate Operator. Slide rail does not move through Slide Driver without binding. Existing trolley wheels are broken, and bent out of alignment
3. New Gate Operator Installed requires 2 Levels of Entrapment Protection for pedestrian safety. Existing gate has only 1 Level.
4. Install a Safety Wireless Edge With Remote Transmitter & Receiver on Gate to provide Entrapment Protection for Pedestrian Traffic. This protection is necessary per 2016 UL325 Standards.
5. Existing Free Exit Loop is not operating correctly. The existing parking lot loop is not sealed and has intermittent operation. Remove existing loop wiring. Re-cut existing loop pattern in parking lot exit area. Install New Loop Wiring, run to New Operator.  
Install New Loop Controls, Wire to Slide Driver, Install New Loop Detector Relay. Program Unit,
6. Seal New Loop wiring with Loop Sealant.

**Exclusions-** Programming of Security Access Entry to Customers System

Labor Rate \$ 100.00 per hour x 36 Hours \$ 3,600.00

Materials HySecurity Edge Sensor, Wireless Remote Kit \$ 300.66

Mechanical Trolley Wheel Assemblies, Hardware \$ 1320.00

Loop Liquid Sealant, Detector Relay, Loop Wire \$ 230.00

<b>Materials</b>	<b>\$1,851.00</b>
<b>Labor</b>	<b>3,600.00</b>
<b>Mark-Up 20%</b>	<b><u>\$370.00</u></b>
<b>TOTAL</b>	<b><u>\$5,821.00</u></b>