

Date: 03-6-2025



Region: 4C

FEMS/CSS No.: 3071112

FAC ID: WV005

Maximo WO No.: 18286

Asset #:

Priority: 2

**Original Work Request:**

Main gate opener has been acting up and AFOS has had it replaced to no avail. The motherboard for the sensor has been replaced, chain tightened, and nothing seems to help. Based on gate failing and intermittently working, the motherboard is going out. It open/closes when it wants instead of opening when tripped as its intended. There is not a way for it to be manually opened and closed. The team timed it to where when it was in the open position to shut the auto aopener off so the gate is permanently left open The motor pool is locked and secured. Per vendor, the operating system is discontinued and parts hard to find. recommend replacing auto gate mechanism

**Description of Repairs Needed:**

Proposal is to replace main gate operator as it is no longer functioning as designed with continued problems after multiple repair attempts. The operating system has been discontinued and parts for it are hard to come by and expensive if found. At this point it would be cheaper to replace the auto gate mechanism than to keep repairing even if the parts are available second hand.

Labor:	Labor Hrs	Labor Rate	Total
Tech (3)	96	\$ 95.00	\$ 9,120.00
Administration	8	\$ 45.00	\$ 360.00

Material List:	Quantity	Cost	Total
Slide Rail Gate Operator (SD50F-3P)	1	\$ 14,927.86	\$ 14,927.86
Loop Detector (HY-5B 2.0)	1	\$ 256.00	\$ 256.00
Photo Beam (E3KR10K4)	1	\$ 626.89	\$ 626.89
Aluminum Drive Rail (14' - MX3885)	4	\$ 599.96	\$ 2,399.84
Snowbrush kit (MX001224)	1	\$ 575.00	\$ 575.00
Base Extension Rise (MX001033)	1	\$ 1,234.00	\$ 1,234.00
Heater Kit	1	\$ 818.44	\$ 818.44
Sealant (1 lot)	1	\$ 200.00	\$ 200.00
AKR-1 Keypad	1	\$ 327.33	\$ 327.33
Keyfobs	10	\$ 15.00	\$ 150.00
Weather Drive and Wheel (MX5349)	1	\$ 421.30	\$ 421.30
Weather Track (MX002599)	20	\$ 94.80	\$ 1,896.00
Shipping	1	\$ 500.00	\$ 500.00
Loop Detector Wire (DSI/120)	1	\$ 396.00	\$ 396.00
P&O	1	\$ 1,400.21	\$ 1,400.21

Equipment List:	Quantity	Cost	Total
Saw Cutting (2 loops)	100	\$ 4.50	\$ 450.00
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**PM WO History:**

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**Estimate Summary:**

Labor	Material	Equipment
\$9,480.00	\$26,128.87	\$450.00

Sub Total	G&A 12%	Fee 6%	Total Estimate
\$36,058.87	\$4,327.06	\$2,163.53	\$42,549.47