

PUBLIC SAFETY COMMITTEE

Wednesday, November 9, 2016

6:30 P.M.

McFarland Municipal Center
Conference Room A

AGENDA

1. CALL TO ORDER.
2. PUBLIC APPEARANCES.
3. STAFF REPORTS.
 - a. Fire/EMS Department
 - b. Police Department
 - c. Emergency Management
4. APPROVAL OF MINUTES.
 - a. Review and possible approval of the draft minutes of the September 14, 2016 Meeting.
5. BUSINESS.
 - a. Discussion and action to make a recommendation to the Village Board regarding the purchase of radar speed boards by the Police Department as included in the 2016 Capital Projects Fund.
 - b. Discussion and action to make a recommendation to the Village Board regarding the selection of a proposal for the Facility Access Control Project.
 - c. Discussion on safety when biking and walking at night.
6. ADJOURNMENT.

- NOTES:**
- 1) Persons needing special accommodations should call 838-3153 at least 24 hours prior to the meeting.
 - 2) A quorum of the Village Board may attend this meeting for the purpose of gathering information relevant to their responsibilities as Village Trustees. No matters shall be considered nor shall any action be taken by said Village Board members at this meeting.
 - 3) More specific information about agenda items may be obtained by calling 838-3153.

This agenda was posted, or caused to be posted, by my hand on the 4th of November, 2016 at the following three (3) posting places in the Village of McFarland, to wit: McFarland Municipal Center, 5915 Milwaukee Street; E.D. Locke Public Library, 5920 Milwaukee Street; & the McFarland State Bank, 5990 US Hwy 51.

Cassandra Suettinger, Clerk



McFarland Fire & Rescue Department

5915 Milwaukee Street • PO Box 110 • McFarland, WI 53558-0110
(608) 838-3278 • Fax: (608) 838-3619

Emergency: 911

October 2016 Fire & Rescue Department Report

- **General**

- We hosted our annual open house on October 12th during fire prevention week. We estimated to have over 750 visitors pass through the Fire House. Visitors were able to get some pulled pork or hot dogs for dinner. We also able to provide some excellent information to the public on many of the services we provide and some helpful information for their health and safety. We even had Sparky the Fire Dog make a visit to help make the night even more fun for the kids when we could get them away from operating one of our fire hose lines. The highlight of the night was demonstrating of extricating a patient from a car crash.
- We were also very pleased to work with the schools and daycares in community to provide fire prevention education to nearly 500 preschoolers, pre-K students and kindergarten students during fire prevention week. The children either visited the fire station or we took an engine and ambulance to them at the schools. The children learned valuable lessons in what to do during a fire, what to do in case of an emergency and many tips and tricks to pass on to their parents.
- Local Tactical Radio Channel & DaneCOM
 - DaneCOM has been delayed to November 9th. The decision to delay DaneCOM was determined between Dane County and the vendor providing the system. The final installations are having some issues that the vendor wasn't sure would be worked out.
 - We have 95% of the radios reprogrammed at this point. The remaining radios that may affect operations are the ambulance radios. With radio protocols being updated with DaneCOM it has caused some challenges with setting up the ambulance radios in contact hospitals. With the delay on go live we delayed programming to ensure proper programming. All programing is scheduled to be completed on November 5th.
 - We are still working with our vendor on a local tactical channel and obtaining FCC licensing. We had a difficulty with one channel due to proximity of another entity to the frequency.
- As previously reported, we are currently developing the information to request funding to purchase Lucas 2 devices with the Assistance to Firefighters Grant (AFG). Additionally, we are working on submission to the Firehouse Subs Public Safety Grant; which is 100% funded on awards. The EMT Associations pledge to provide the matching funds to the AFG. The hopeful result will be to obtain two Lucas 2 devices with no contribution from the Village.

- We have been awarded a grant with South Central Regional Trauma Advisory Council (SCRTAC) for a multi-victim trauma bag. On October 18th we attended a required Train the Trainer session and received the multi-victim trauma bag. The requirement of the grant is we place the bag after trainer our staff on the primary ambulance. The bag will provide (10) sets of critical life saving trauma supplies that are easily deployable to individual members.
- On October 8th, the Firefighter's Association presented MDA with \$7,431.87 in donations collected on their behalf during the annual Fill The Boot campaign.
- We finished off the month of October with hitting the streets to provide additional safety presence through out the District with having trucks with members handing out candy to trick or treaters. This is an exciting event that we have more members help out with and more customers every year.

Staffing

- On October 17th, Tim Holzhauser started as our newest fulltime member in the vacant 24 Hour EMT position. Tim comes to us with over 15 years experience with Hartford Fire & EMS where he worked as a part-time and paid on call member. He also worked with Jackson Fire & EMS as part time member.
 - We completed our quarterly interviews for paid on call members. The interview committee is completing their review and recommendations.
 - We are in the process of completing the hiring for two paid on call EMTs. One of the members is currently licensed as EMT-Basic and the other member is completing the Registered Nurse to EMT-Basic class to obtain an EMT-Basic license.
 - Current Staffing Levels
 - Fulltime Fire Rescue Chief – 1
 - Fulltime Fire Inspector/Public Education Specialist – 1
 - Fulltime EMTs – 5
 - Paid on Call – 64 (22 EMTs, 31 Firefighters & 11 EMT/Firefighters)
 - Total Staffing Level - 71
- **Staff Achievements**
 - Davin Blazek has completed all the requirements to be an operator for Ladder 8.
 - Kyle Koch has completed all the requirements to be an operator for Squad 5.
 - Madison Whiting had completed the requirements and successful passed the certification for State of Wisconsin Firefighter II.
 - Paul Vind has been fulfilling the role of acting Lieutenant for sometime and demonstrated his abilities in learning and performing his role. Effective November 14th he will be promoted full status as a Fire Lieutenant.
 - **Training Activity**
 - October training
 - On the first firefighter training half of firefighters perform live fire and forcible entry training at Madison College in the training towers. The other firefighters remained in district and available to handles calls while performing training on ladder rescues and placement. The second firefighter training members switch training sessions.
 - Day training for the firefighters was on pumping operations with an emphasis on Tender 6.

- For EMT Training we invited Bill Ballo from Madison College provided an in depth and catered training on EKG's. The training was mainly a question and answer session.
 - The third firefighter training was in depth of Hazmat Operations with the City of Madison Hazmat team. The team brought in their truck with trailer to review a large portion of their equipment. During a Hazmat Operations we will not only maintain overall command of incident but also become integral to Hazmat Team with decontamination of entry teams.
 - We finished the monthly training with a session on the DaneCOM radio system and how it will be operating when it goes live.
 - Our annual exercise with the Terminal Coop. was held on October 20th. There were over 75 participates between Flint Hills Resources, Koch Pipeline, the Village Department, terminal operators, regulatory agencies, Dane County Emergency Management, Stoughton Fire Department, Monona Fire Department and City of Madison Fire Department. The exercise simulated a pipeline failure and storage tank failure that would have resulted in gasoline being spilled and eventually made it's way into Lake Waubesa. The exercise allowed everyone to work through the scenario in a controlled environment.
 - November training will concentrate structural firefighting with an acquired structure in the Town of Dunn that we will be demolishing with fire during the month. The EMT training for the month will be advanced skills recertification.
 - We will be performing live burn training on an acquired structure in the Town of Dunn on November 12th. This is training allows the most realist training of one the highest risk incidents for our department of a house fire. House fires contribute to most civilians deaths due to fire and for firefighter injury or death from fires.
- **Apparatus & Equipment**
 - Majority of maintenance for October was minor. However almost all of the antennas on the apparatus had to be replaced for DaneCOM.
 - The 1997 Ladder (L8) has been scheduled to have rust repair performed to help extend the life of the truck to maintain value and service for the next several years. Additionally at the same time the truck will have the rims painted and the chrome wheel covers removed. The covers have cause issues with the air lines for filling the wheels in the past.
 - The boat is being schedule to have work performed during the off season to the trim and tilt of the motor.
 - The ATV tires are scheduled for replacement prior to the winter

<u>Inspection/Prevention Activity</u>	<u>Completed</u>	<u>Year to Date Total</u>
Building Inspections	27	500
Re-Inspections	0	0
Special Inspections	1	23
Fire Code Violations Identified	17	297
Fire Code Violations Corrected	0	31
Plan Reviews	6	24
<u>Public Instruction (Not Updated for October)</u>	<u>Completed</u>	<u>Year to Date Total</u>
CPR Certifications	2	107
First Aid Training	0	46
High School CPR (Hands Only)	0	112
Baby Sitters First Aid	0	46

Incident Summary

Incident Type	2016		2015	
	Oct	Year to Date Total	Oct	Year to Date Total
EMS – Falls	8	131	5	84
EMS – General Medical	24	273	30	291
EMS – Motor Vehicle Crash	4	47	5	47
EMS – Trauma Other	3	33	3	54
EMS – Other types	6	104	3	66
EMS – Total (+8.5%)	45	588	46	542
Fire – Building, vehicle or outside	2	31	0	32
Fire – Assist EMS Crew	7	77	4	76
Fire – Motor Vehicle Crash	2	22	2	21
Fire – Alarms	1	32	2	36
Fire – Other types	8	68	8	51
Fire – Total (+6%)	20	230	16	216

- **Significant Incidents**

- On October 1st we received a request for the ambulance to home shortly after midnight for a person having difficulty breathing. While Rescue 84 was responding the person was believed to suffer a cardiac arrest. Police arrived on location and confirmed the patient was in arrest in began life saving efforts. Our ambulance and fire crews with City of Madison Medic 5 were able to reestablish a pulse however due to advanced cardiac disease the patient was able to be fully revived. As an additional note, this was a challenging call for CPR and care due to the area of the home the patient suffered the arrest. It would have been beneficial call for the use of the Lucas devices.
- On October 7th we received a mutual aid request from the Cottage Grove Fire Department for semi tractor and trailer fire. The semi had a van style trailer with freight. The fire had extended from the tractor into majority of the trailer. We provided an engine company and tender to the incident. The engine company assisted in overhauling (ensure fire was extinguished) the fire while the tender provided supplemental water in addition to the two Cottage Grove tenders that were on scene.
- On October 29th at 9:00 pm the department was paged to home in the Village of McFarland for a structure fire. While responding to the incident we were updated that a police was reporting the fire was from a fire pit that ignited leaves extending towards the gas meter of the home. Car 3 (Chief Dennis) arrived on scene and found the fire was reduced from an Officer utilizing a dry chemical fire extinguisher from the police squad car. Soon after Engine 1 arrived on location and was able to provide a water/foam extinguisher to keep the fire under control while the crew extended a hose from the engine to finish extinguishing the fire. The crews removed siding and insulation to overhaul and ensure fire was out. This is an excellent example of when burning in a fire pit ensure the fire is completely out before leaving it unattended. The fire caused an estimated \$7,500 and more importantly due to the quick discovery and response saved over \$275,000 of a home and property.

VILLAGE OF MCFARLAND
MCFARLAND MUNICIPAL COURT
November, 2016

Monthly Court Docket

October 11, 2016 – Court Docket – Initial Appearances

- 23 cases scheduled for Initial appearances (34 citations)
 - 3 No Contest or Guilty pleas – Citations adjudicated at Initial Appearance
 - 5 Paid prior to Appearance
 - 4 Not Guilty pleas - Citations adjudicated or Pretrial scheduled for October 25, 2016
 - 10 Default appearances – Scheduled for December 13, 2016 Indigency Hearing
 - 1 Rescheduled Court date to October 25, 2016
 - 0 Transferred to Dane County for Trial

October 11, 2016 - Juvenile Court – Initial Appearances

- 4 cases scheduled for Initial appearances (6 citations)
 - 2 No Contest or Guilty pleas – Citations adjudicated at Initial Appearance
 - 0 Paid prior to Appearance
 - 1 Not Guilty pleas – Citations adjudicated or Pretrial scheduled for October 25, 2016
 - 0 Default appearances - Scheduled for December 13, 2016 Indigency Hearing
 - 1 Rescheduled Court date to October 25, 2016
 - 0 Transferred to Dane County for Trial

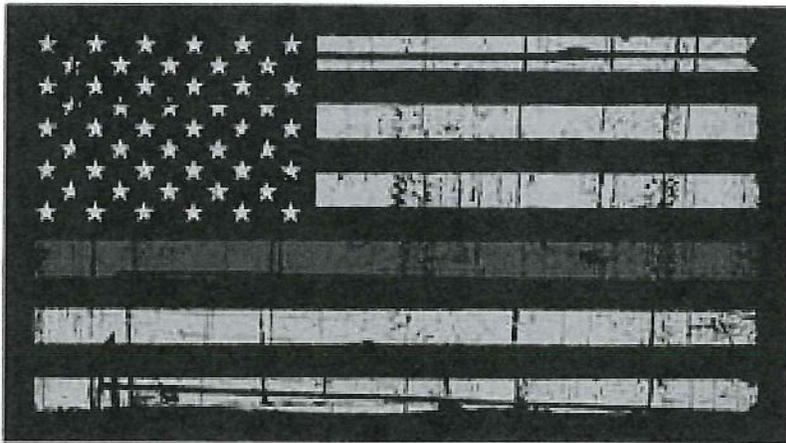
October 25, 2016 – Court Docket – Initial Appearances

- 28 cases scheduled for Initial appearances (45 citations)
 - 1 No Contest or Guilty pleas – Citations adjudicated at Initial Appearance
 - 2 Paid prior to Appearance
 - 8 Not Guilty pleas - Citations adjudicated or Pretrial scheduled for November 22, 2016
 - 16 Default appearances – Scheduled for January 10, 2017 Indigency Hearing
 - 1 Rescheduled Court date to November 22, 2016
 - 0 Transferred to Dane County for Trial

October 25, 2016 - Juvenile Court – Initial Appearances

- 1 case scheduled for Initial appearances (1 citation)
 - 0 No Contest or Guilty pleas – Citations adjudicated at Initial Appearance
 - 0 Paid prior to Appearance
 - 0 Not Guilty pleas – Citations adjudicated or Pretrial scheduled for November 22, 2016
 - 1 Default appearances - Scheduled for January 10, 2017 Indigency Hearing
 - 0 Rescheduled Court date to November 22, 2016
 - 0 Transferred to Dane County for Trial

MCFARLAND POLICE DEPARTMENT



October 2016 Monthly Report

CONTENTS

INTRODUCTORY INFORMATION 2

CASES OF INTEREST 2

STAFFING REPORT 2-3

EQUIPMENT REPORT 3

TRAINING REPORT 3

BUDGET REPORT 3-4

OTHER INFORMATION 5

INCIDENT STATISTICS 6-7

OCTOBER 2016 MONTHLY REPORT

Introductory Information

As observed on the attached Call Summary Report, the McFarland Police Department logged 451 cases in October. This is compared to 535 cases for the same time period in 2015. Cases of interest for the month were: seven intoxicated drivers, one domestic disturbance, eight disturbances, five juvenile complaints, one burglary, four thefts, ten traffic accidents, twenty-six EMS assists, and responded to five alarms. Officers also logged 124 traffic incidents/stops during this month.

Cases of Interest

10/16/2016 Officers were dispatched to the BP on Burma Road for a robbery that had just occurred. Officers arrived on scene and learned the suspect had entered the store, displayed a handgun, and demanded money from the employee. The suspect left the store with the money and did not hurt anyone. Officers used K-9 Boris to attempt a track of the suspect's movements but he was not located. The same suspect has been responsible for several other robberies in the Dane County area. The case is still under investigation.

10/25/2016 Officers were sent to Indian Mound Middle School for a female student who ran from the school and into the heavily wooded Indian Mound Park. School staff could not locate the student who had some special needs. A perimeter was set up around the park and K-9 Boris was used to track her movements. The student was located and safely returned to the school.

10/28/2016 An officer was dispatched to United Church of Christ on Anthony Street for a burglary to a storage unit. The suspect forced entry into the storage unit and stole a riding lawn mower and snow blower from within. The case is still under investigation.

Staffing Report

- Our current recruitment initiative to fill a vacancy continues. To date:
 - Officer Towns has completed field training and has been assigned regular solo patrol duties.
 - A senior patrol officer who was on FMLA leave due to a serious illness in the family will return to active duty the first week of November.
 - We are anticipating two short term FMLA leaves due to childbirth in the month of December.

- Our current recruitment process to fill the last vacancy is on schedule. Four semi-finalists were interviewed by the Police and Fire Commission on October 15th.
- As a result, a conditional offer of employment has been made to and accepted by recruit candidate Joel Zietsma. A pre-employment background investigation and medical, drug and psychological assessment will be conducted prior to tendering a final offer of employment. Anticipated start date of late December.
- We look forward to transitioning Officer Josh Barnier into the role of Investigator in late December or early January as we move into a fully staffed position.
- As for 2017, we anticipate a possible retirement mid-year.

Equipment Report

- Several crosswalk safety improvements have been purchased as part of the 2016 Capital Budget, and will be installed in the near future. These include: crosswalk safety indicators and/or speed monitoring boards near the four school campuses.
- The RFP issued for building security upgrades, specifically related to access control enhancements, received seven contractor bids. These were assessed by Village staff and narrowed to two finalists. These finalists presented to the group on October 31st, and a final vendor selection will be made by the Public Safety Committee and Village Board. We anticipate work to begin in December.
- The department has completed its programming of all mobile and portable radios in anticipation of the November 9th DaneCom go live date. The original cutover date was November 1st, but was delayed slightly by County officials.

Training Report

- All officers completed the final in-service session for the year. The training included several courses of fire for the handgun and rifle along with some tactical training. The training was held at the Dane County Range.
- Officer Joshua Barnier attended a three day training on conducting Child Forensic Interviews. The training was held at Fox Valley Technical College in Appleton.

Budget Report

- As has been reported each month of this year, I am anticipating an overage in the overtime budget account due to unanticipated staffing shortages, and in the uniform budget account this year due to the hiring of very likely four officer positions that were unanticipated at the time the budget was approved in 2015. These hires will require additional expenditures of roughly \$ 3,000 per officer.
 - At present, we are running approximately 15% over where we would like to be in the overtime account at this point in the year

- At present, we have for the most part exhausted the uniform account. This includes the outfitting of two of the four unanticipated hirings. I would anticipate roughly a full 100% (\$13,000) overage of this account by year's end.
- In BY 2017 budget, I have requested additional overtime funding as compared to previous years. In the BY 2016 budget, I also requested more funding but agreed to a lesser amount with the caveat that it would be sufficient only if we experienced a model year. Simply put, we didn't.

To recap the BY 2016 budget year, immediately following the finalization of the 2016 budget, the following occurred:

- The death of Officer Copeland
- An officer who was dismissed following legal issues
- The dismissal of a recruit candidate presenting irreconcilable performance deficiencies
- An officer who left law enforcement altogether and moved out of State
- Four separate medical leave situations (two short term and two longer term)
- An officer coping with a tragic family medical situation
- The final retirement of a part-time officer whom we relied upon to pick up significant hours

Frankly, given the totality of what occurred in this budget year, I am amazed that at the end of August we are only 15% over.

It's important to understand the following when considering this overage:

- Medical situations that would keep a typical worker out of work for a few days may mean months of time off for a police officer. Police officers simply cannot work patrol duties when not fully functional. In reviewing the medical leaves that we experienced this year, this would have been the case with all four.
- The nature of our business, and frankly the expectation of our community is that we at all times have adequate staffing. We cannot simply say "Oh, well...I guess Fred won't be in today so that particular piece of work won't get done." Shifts absolutely must be filled and adequate staffing put forth each and every shift, each and every day. I am very proud of the manner in which my staff has stepped forward and made personal sacrifice to make sure that we are able to provide this level of service.
- Our exposure to staffing shortage is over four times greater than that of any other Village department. Most departments are open 40 hours a week...we are open 168 hours per week, in other words 24/7. Despite this, we operate with only 4 more staff positions than that of another comparable Village department that is open 40 hours per week. The wheel never stops turning, the doors never close.
- Despite the addition of two staff positions, we perpetually operate with the absolute minimum number of staff required to put forth an acceptable coverage scheme. When we operate in this manner, while it may save money, it puts us a great risk to experience staffing shortages. Life happens in our department just like in any other, and there always seems to be some situation going on, be it retirement, training, FMLA leaves, injuries and even death.
- My recommendations to rectify this situation over the next couple of budget cycles would be:
 - Increase the funding to the overtime account to a realistic dollar amount, such as I have attempted to do in past budget years.

- Add additional staff so that we are not always running with the absolute bare minimum needed to just get by – as I indicated, we are a small department, but large enough to where there likely will always be a situation of some sort occurring.

Other Information

- The department will be sending a representative to the funeral of the recently slain Rusk County Sheriff's Deputy on November 4th. This representative will be Officer Malcolm Haag, who knew and worked with the Deputy in his past employment with the Sawyer County Sheriff's Office.
- The month of November will signify the one-year anniversary of the death of Officer Ryan Copeland.



Incident Analysis Report Summary By Incident Type

McFarland Police Department
Official Case Report

Do Not Re-Release

Print Date/Time: 11/03/2016 10:21
 Login ID: mcbgr
 Incident Type: All
 Call Source: All

From Date: 10/01/2016 00:00
 To Date: 10/31/2016 23:59

McFarland Police Department
 ORI Number: WI0137300

Officer ID: All
 Location: All

Incident Type	Number of Incidents
911 Abandoned Call	17
911 Call Silent	7
911 Call Unintentional	4
911 Disconnect	5
911 Misdialed Call	1
Accident Mv/Deer	1
Accident Property Damage	8
Accident Unknown Injuries	1
Adult Arrested Person	3
Alarm	5
Animal Bite	1
Animal Complaint	1
Animal Disturbance	3
Animal Lost	1
Animal Stray	6
Annoying/Obscene Phone Call	1
Assist Citizen	15
Assist Citizen Vehicle Lockout	4
Assist EMS/Fire	26
Assist Fire/Police	15
Assist K9	8
Assist- Follow Up	1
ATL Person	1
Burglary Non-Residential	1
Check Person	29
Check Property	23
Civil Dispute	3
Damage to Property	6
Disturbance	5
Disturbance Unwanted Person	3
Domestic Disturbance	1
Drug Incident/Investigation	7
Foot Patrol	1
Information	21
Juvenile Arrest	1
Juvenile Complaint	2
Local Ordinance Violation	1
Missing Adult	2



Incident Analysis Report Summary By Incident Type

McFarland Police Department
Official Case Report

Do Not Re-Release

Print Date/Time: 11/03/2016 10:21
 Login ID: mcbgr
 Incident Type: All
 Call Source: All

From Date: 10/01/2016 00:00
 To Date: 10/31/2016 23:59

McFarland Police Department
 ORI Number: WI0137300

Officer ID: All
 Location: All

Incident Type	Number of Incidents
Missing Juvenile/Runaway	2
Noise Complaint	2
OMVWI Arrest/Intoxicated Driver	7
On Duty Training	1
Parking Complaint On Street	12
Phone	14
Preserve the Peace	3
Property Found	5
Repo	2
Robbery Strong Armed	1
Safety Hazard	10
Serving Legal Papers	1
Sexual Assault of a Child	1
Silent Case Number	1
Stolen Auto	1
Suspicious Person	4
Suspicious Vehicle	10
Test 911 Call	2
Theft	3
Theft Retail	1
Threats Complaint	1
Traffic Arrest	18
Traffic Complaint/Investigation	16
Traffic Stop	90
Traffic/Citizen Complaint	1
Unknown	1
Total:	451

PUBLIC SAFETY COMMITTEE

EMERGENCY MANAGEMENT REPORT

November 2016 Report

Update on outdoor warning siren:

At this time both sirens in the village are operating correctly as they pass weekly silent tests and the monthly warning test as well.

Update on Community Events:

Family Fest September, 17 and 18 we had a booth which was an opportunity to educate the public and reach out to the children on public safety. Emergency Management, the Police Department and Senior Outreach shared the booth and distributed information and spoke to the public. We also had a video presentation on the large screen, although had problems as the Wi-Fi kept restarting. Recommendation for next year is to have video presentations of close proximity such as the Stoughton tornado. My thanks to Chief Sherven and Lori Anderson for them manning the booth with me. Since then I have been maintaining seasonal safety handouts in the Village Hall Office.

Emergency Management Committee Meeting:

Was held on September 22, 2016 at 2:00pm. 10 members present

Approval of the July 28 committee minutes

Discussion on the upcoming table top exercise on October 20

Information and explanation of Dane Com

Next meeting November 17, 2016 at 2:00pm as the 4th Thursday will be Thanks Giving.

Update on Training:

October 20, 2016 Village department heads and administration met with the tank farm community as the EOC went into effect with a table top exercise of a serious product leak that eventually flowed into Lake Waubesa. The scenario incidents changed as the exercise continued with approximately 80 in attendance, the session went very well. Training exercises of this nature is a safe way to train and plan ahead for a serious situation of this magnitude. I will be meeting with department heads and village admiration to review their notes on the exercise to include this training as a protocol in the Emergency Response Manual. I wish to thank all who attended and participated in the training

Infrastructure Disaster Management Program: A four tier program that Jim Hessling knew of an instructor for these FEMA courses and brought the information forward which we have shown a definite interest in. We will be looking at these programs further later in the year of the first part of next year.

Emergency Response Manual Update:

Scenarios have been provided to department heads for their response to the incidents. Action from their departments may assist in implementation of a possible protocol for the manual. I will be meeting with department heads in the near future to review the status of the emergency incident scenarios.



Memorandum

To: Public Safety Committee

From: Matthew G. Schuenke, Village Administrator/Treasurer 

Date: November 4, 2016

Re: **Public Safety Meeting – November 9, 2016**

4. APPROVAL OF MINUTES

a. **Review and possible approval of the draft minutes of the September 14, 2016 meeting** – Presented for approval.

5. BUSINESS

a. **Discussion and action to make a recommendation to the Village Board regarding the purchase of radar speed boards by the Police Department as included in the 2016 Capital Projects Fund** – Included in your packet is a general plan to continue the enhancement of several streets with additional traffic controls. The 2016 Capital Projects Fund included \$22,000 in funds to purchase speed boards to help control and track the speed of vehicles within several neighborhoods. Up to 6 radar speed boards can be purchased at an amount of \$20,913.30. There are 5 shown on the included plans with a six planned for Marsh Road near Red Oak Trail. These locations were selected by the Police Department. As a follow up to the RRFB discussion a few meetings ago, the final locations of the RRFB's have been determined in working with the School District. One will be located at the crossing for the High School and the other by Waubesa Intermediate School. The RRFB near Waubesa will need a couple additional bollards for push buttons but will allow the intersection to function at two crossings and still fits within the funding parameters set by the School including costs for installation. Staff has also put forth for inclusion a blinking pedestrian crossing sign as an upgrade to the sign that is currently located at Burma Road. The RRFB costs are shared with the school at a not to exceed amount of \$12,000 and the remainder comes out of the Village's Capital Projects Fund as authorized. Staff recommends approval.

b. Discussion and action to make a recommendation to the Village Board regarding the selection of a proposal for the Facility Access Control Project – The Committee recommended as part of an overall safety upgrade to pursue additional access control technologies at the Municipal Center, Library, and Public Works. This technology is currently being used sparingly in these locations and expanding it will help to provide improved safety and access control for Staff and the public in these facilities. An RFB was issued following Village Board approval of the project and 7 proposals were received varying in cost from \$59,990 to \$116,279. Staff ruled out the two highest proposals and invited the lowest proposal, our current provider, and one other complete proposal to a presentation with Staff. Following this meeting and a review of their proposals, two final proposals are being put forth for consideration: 1) Boldtronics of Madison and 2) Protection Technologies (current provider) of Madison. Some direction was given to both companies which will affect their final cost and scope of work. These updated proposals are expected back on Monday and will be reviewed by Village Staff Wednesday morning in order to make a final recommendation on this service. Included in your packet are the original proposals for review as part of the discussion on Wednesday.

c. Discussion on safety when biking and walking at night – Committee members have expressed their concerns over this topic at previous meetings. It is included as a discussion item with Staff to review their concerns and potential safety alternatives regarding the issue.

PUBLIC SAFETY COMMITTEE MINUTES

Wednesday, September 14, 2016 6:30 p.m.

1. CALL TO ORDER

The meeting was called to order at 6:30 p.m. in the Community Room of the McFarland Municipal Center by Chairperson Adrian.

Committee Members Present: Trustees Jerry Adrian and Tom Mooney, and citizen members: Rich Staley, Ken Machtan, Kathy Lyons, and Sandy Bakk

Committee Member Absent: Barbara Zabawa

Staff Present: Emergency Management Director Chuck Dipiazza, Community Development Director Pauline Bonness, Police Lieutenant Brian Redman, Fire Inspector Blake Karnitz, and Village Administrator Matt Shuenke

Others Present: Ron Trachtenberg (Beach House Properties) 10 East Doty, Madison WI; Mike Scarmon, 20 Garfield Avenue, Evansville WI; Jim Jouhnik, 5526 Oxford Drive, Greendale, WI; Bonnie & Stuart Albaugh, 5526 Lake Edge Road, McFarland, WI; Gail & John Poser, 5822 Lake Edge Road, McFarland, WI; Sue Smith, 5434 Bremer Road, McFarland, WI.

2. **PUBLIC APPEARANCES.** This is an opportunity for anyone to address the Committee on any issue NOT on the current agenda. There were no Public Appearances.

3. APPROVAL OF MINUTES.

a. **Review and possible approval of the draft minutes of the July 13, 2016 meeting.**

b. **Review and possible approval of the draft minutes of the August 10, 2016 meeting.**

Motion Machtan, seconded by Kirby to approve the draft Minutes from July 13 and August 10, 2016 meetings of the Public Safety Committee. Motion carried unanimously by acclamation.

4. **BUSINESS.** Prior to proceeding with Business items Chairperson Adrian introduced new Village Administrator Matt Schuenke.

a. **Discussion and action to make comments to the Plan Commission regarding traffic and safety issues related to the Beach House Development Project.** Schuenke began by reporting that in July of this year, the Plan Commission requested that the PSC review traffic and other public safety concerns regarding the Development. Since the PSC wanted additional time from when these concerns were addressed at the August 10th PSC Meeting to review traffic and engineering report that was provided at that meeting as well as to further consult with Village staff. Schuenke suggested the five following improvements:

1. **Street Realignment.** The southwest corner of Bremer and Lake Edge could be squared to create a true "T" intersection with 90 degree angles in all directions.
2. **Stop Signs.** With the proposed street realignment, make the intersection a 3-way stop.
3. **Additional Sidewalks.** Ensure the sidewalk connectivity is maintained through the frontage of the development as may be appropriate.
4. **Parking Restrictions.** New parking restrictions could be introduced by the Village in and around the Development as well as the intersection to provide maximum visibility for users both on and off the street.

- 5. Off-site parking.** The creation of the additional parking lot off-site is critical to helping these issues and their general plan for land use function.

Mooney asked about the inclusion of a bike lane to which Schuenke responded that the addition of a bike lane was not included in this phase of the development since the lane would have larger implication for the entire stretch of Lake Edge Road, including parking and right of way issues.

Adrian opened the floor for comments from the public.

Ron Tractenberg, an attorney with Von Briesen & Roper, representing Beach House Properties, stated that there are no objections to the 5 recommendations from Schuenke.

Stuart Albaugh, 5622 Lake Edge Road, began by thanking the committee. Albaugh reported that two mailboxes were hit by a delivery truck of a nearby business. Albaugh expressed concern of large trucks using the roadway.

Sue Smith is concerned with parking at the intersection of the development and the amount of pedestrian traffic and encourage the committee to look at further parking alternatives.

Adrian addressed that the parking issues could be controlled by Village with the use of restrictions and regulations.

Kirby asked about the incident regarding the large truck and the mailboxes and if the commercial aspect of the development would increase the amount of large trucks on Lake Edge Road. Lt. Redman reported that Lake Edge Road is not a designated truck route therefore restrictions on the weight and size of trucks using that road already are in place.

Motion by Adrian and seconded by Staley that the Public Safety Committee recommends to the Plan Commission for their consideration that in the development of the Bremer Road and Lake Edge Road Junction:

1. The creation of a three way stop sign intersection
2. Realign the intersection to create a 90 degree angle
3. Additional sidewalk in front of the development
4. Any developments in regards to parking be addressed by the Village
5. The construction of an additional parking lot by the developer.

Bakk expressed concern that there will be adequate lighting for pedestrians. Schuenke said that the issue can be addressed.

Motion carried unanimously by consent.

b. Discussion on revision to Village Ordinance 11-304 as it relates to weights and measures application and testing service fees.

Adrian explained that all commercial entities that sell items with the use of weights and measurements have to be licensed by the Village and must commit to inspections from the State of Wisconsin Department of Agriculture. The Department of Agriculture then bills the Village, who, in turn, bills the individual establishments. Currently the Village bills on the number of devices a business may use. The Department of Agriculture, however, bases its rates on the amount of time it takes to do an inspection (an hourly rate).

The Village is requesting a change in Village Ordinance to match the billing structure of the Department of Agriculture for a more equitable and accurate distribution of the inspection fees.

Motion by Bakk and seconded by Mooney to revise Village Ordinance 11-304 as it relates to weights and measures application and testing fees.

Motion carried unanimously by acclamation

5. STAFF REPORTS

- a. **Fire/EMS Department.** Fire Inspector Karnitz highlighted items from the PSC monthly Fire/Rescue beginning with an update of the local tactical radio channel in relation with pending implementation of DaneCom. The Department has filed for new frequencies with the assignment of those frequencies to be assigned by mid-September.

Karnitz also reported that the Department was awarded Assistance for Firefighters Grant which will be used to install a exhaust removal system in the apparatus bay. Next year the Department is considering applying for a Lukas chest compression device.

Final interviews were conducted for the open Village EMT position has been conducted with the job offering to be extended within one week.

August was a particularly maintenance heavy month for the Department. The Village mechanic was able to correct and fix many of the issues. This provided a substantial savings to the Village in both time and expense.

- b. **Police Department.** Lieutenant Redman reported that the McFarland PD responded to 488 calls for the month of August, which was down significantly for the same time frame of one year ago. The decline was largely attributed to a decrease in the amount of traffic stops. Fewer traffic stops is the result of the currently level of staffing and training that was experienced in August.

McFarland PD officers found an unresponsive patient in the bed of a pickup as result of a traffic stop. EMS was called and treated the patient for a narcotic overdose.

Officer Townes started on August 31, leaving one position vacant.

Officer Jacobson has been placed on FMLA family leave.

- c. **Emergency Management.** Chuck Di Piazza submitted the Emergency Management report. He has completed village official training and is reviewing the emergency response plan. He is going to resume the Emergency Management Committee as well as attend meetings of the Lions Alert Committee. The EM will have a booth at the McFarland Family Festival.

The date for the tank farm table top training will be October 20th, 2016.

6. **ADJOURNMENT.** **Motion** by Machtan, second by Staley and carried 6-0 by acclamation to adjourn the September 14, 2016 meeting of the Public Safety Committee at 7:31 p.m.

Respectfully Submitted,
Tom Innes, Clerk

Village of McFarland



Radar Speed Board



Pedestrian Blinker Sign



Pedestrian Blinker Sign

RRFB



Radar Speed Board

Radar Speed Board



LEGEND
Aerial Photos 2014 (6")
RGB

- Red: Band_1
- Green: Band_2
- Blue: Band_3

N 0 115 230 460
Feet
Date Map Printed: 10/17/2016

Village of McFarland



RRFB

Need to add pedestal with push button activation.

Radar Speed Board

Need to add pedestal with push button activation.

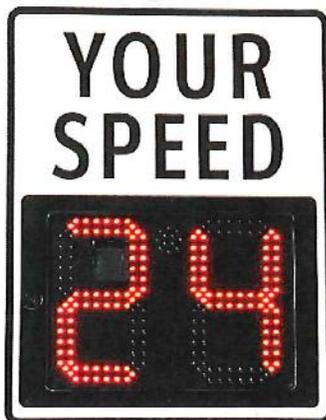
LEGEND
Aerial Photos 2014 (6")
RGB

- Red: Band_1
- Green: Band_2
- Blue: Band_3

N 0 110 220 440
Feet
Date Map Printed: 10/19/2016



SafeSpace 100 Radar Sign



The TAPCO SafeSpace 100 is the radar speed sign that fits your budget. This compact entry level sign offers exceptional visibility and power efficiency in a lightweight and portable solution. Featuring the options you need at remarkably affordable pricing, the SafeSpace 100 is the sign you'll want to use again and again to keep your neighborhoods safe.

Features

- **Affordable:** Priced low enough for any budget, the SafeSpace 100 is an ideal entry point to radar speed signs.
- **Portable:** At around 20 lbs, the lightweight sign is quick and simple to transport and can be mounted in minutes.
-  **Energy Efficient:** The ultra low power sign utilizes the most power-efficient radar technology available. The sign can function up to four weeks autonomously with optional battery power.
- **Optimal Visibility:** Unique light enhancing, anti-glare lens system provides brilliant visibility even in poor lighting conditions.

Ideal for use in:

- Private communities
- School zones
- Shopping centers
- Corporate campuses
- Construction zones
- Residential neighborhoods

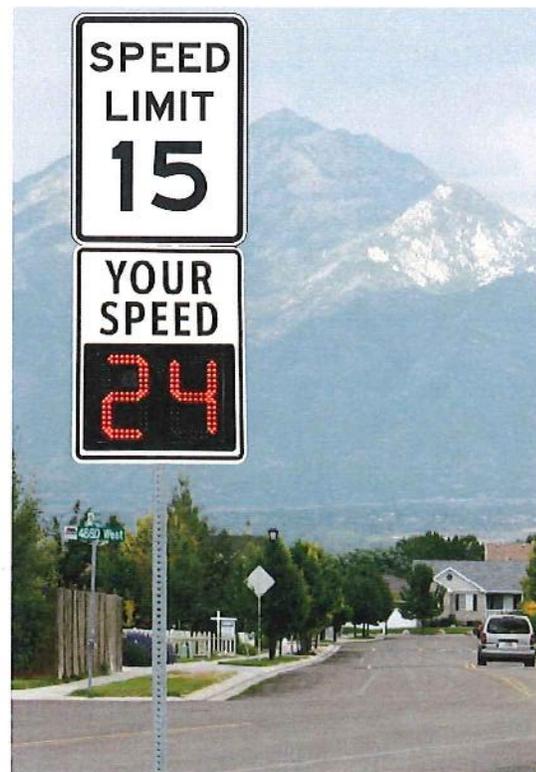
• User Friendly Software

Interface: Easy-to-use software lets you set set parameters such as local speed limit, range of operation, and whether to optimize brightness or power.

• On-Sign Programming:

Commonly used settings, such as threshold speeds for strobe and

range of operation, can be programmed directly on sign with a convenient rotary switch.



- **Vandalism Resistant:** With a 1/4" durable aluminum protective cover and individual optical lenses shielding each LED, the sign is well protected against theft or vandalism.



Individual Protective Lenses
Close-up View of Sign Digit

- **Standard Strobe:** Programmable flashing strobe to alert speeding drivers comes standard with every sign.

Sign Options

- **Universal Mounting Bracket:** Optional bracket makes mounting quick and easy, allowing you to use one sign at multiple locations. Bracket locks and unlocks with the turn of a key.
- **Battery Power:** Lithium ion batteries offers extended operation with choice of 9.6V, 10Ah battery for two week performance or 12.8V, 15Ah battery for four week performance before recharge under normal operating conditions.
- **Solar Power:** Complete and compact solar power system available.



Sign in process of being folded

- **Folding Sign Plate:** Sign is available with smaller "Your Speed" sign plate that folds compactly for convenient relocation.
- **Data Collection:** Built-in data engine collects traffic statistics including vehicle speed and count, allowing you to create valuable analysis reports.



Optional mounting bracket

Specifications

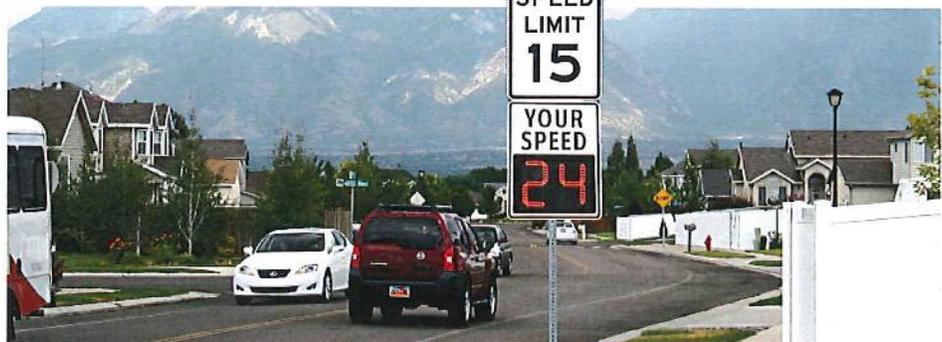
- Sign size with full "Your Speed" sign plate: 23" (w) x 29" (h)
- Sign size with foldable "Your Speed" sign plate: 21.5" (w) x 30.3" (h)
- Digit height: 11"
- Sign depth: 2.98"
- Protective aluminum cover thickness: 0.25"
- Range: 350 ft
- Sign weight: 21 lbs with AC Power
- Power supply: AC Power, Battery or Solar Power Optional
- Operating temperature: -40F - 185F



About TAPCO

TAPCO takes pride in the many products and services we have provided for over fifty years. We are, however, proudest of our history of contributing to higher levels of safety throughout the traffic industry. That is why we say that TAPCO is in "The Business of Safety". We have made it our mission to make roads safer for all everyone. We consider the "MAKING ROADS SAFER" worldwide campaign an everyday part of our corporate culture.

Our dynamic line of products has evolved to include a complete line of interlocking rubber solutions such as speed humps, tables, and cushions, flexible rubber curbing, and a range of radar speed signs and options including driver feedback signs, variable message signs, a school zone system, variable speed limit signs, and now the entry level SafePace 100.





The business of safety since 1956

1-800-236-0112



[Enlarge Image](#)

BlinkerSign® Flashing LED Pedestrian Crossing (Symbol) Sign W11-2

TAPCO SKU: 2180-00232

Price: \$1,700.00

Power Source: [Solar](#)

Size: [36 in H x 36 in W](#)



TAPCO's BlinkerSign® Signs combine flashing LEDs and 3M DG³ reflective sheeting, resulting in the most visible signage available. Powered by an eco-friendly solar panel, BlinkerSign® LED signs deliver their message day and night. Ideal for high-incident areas or where new traffic conditions exist. The TAPCO patented AutoBright circuitry measures the available light and adjusts the LED flash brightness accordingly. Every BlinkerSign® is backed by a one year warranty (extended warranty available). TAPCO can make any MUTCD (or non-MUTCD) sign into a BlinkerSign®: Please call a TAPCO salesperson to discuss your project needs. Installs easily into new or existing signpost.

- Can be integrated into an ITS (Intelligent Transportation System)
- Optional programming available: around-the-clock operation, off time clocks, push buttons and/or vehicle motion detectors
- Multiple signs can be synchronized
- Heightens driver awareness
- Anti-graffiti film overlay
- Easy installation
- Proprietary AutoBright™ circuitry

Other Activation Methods Available

Do you have a unique problem requiring a custom activated BlinkerSign® system? For years TAPCO has been providing custom stand-alone solar solutions. These electrical grid independent systems provide reliable warning when needed most-in harsh environments, dangerous areas and remote locations.

- Climate activation (fog, snow, ice, wind, etc.)
- In-ground inductive loop
- Temperature sensor
- Water sensor (flood detection)
- Overheight detection

[Learn More or Request a Custom Quote](#)

Blinkersign, W11-2, 36", Ped Xing, DG3, FYG, Solar, 8 Amber LEDs, Single Post Mount

Specifications for selected SKU: 2180-00232

Power Source	Solar
Height	36 in
Width	36 in

Sheeting Color	Fluorescent Yellow Green
Sheeting Type	Diamond Grade Cubed (DG3)
MUTCD	W11-2
Activation types	24/7 operation
Shape	Diamond

DISCLAIMER: Specifications are subject to change without notice. For additional specifications and details, please contact us!

Pedestrian Crossing 110 VAC BlinkerSign® (W11-2)

[pedestrian-crossing-110-vac-blinkersign-w11-2.pdf](#) | file size: 2.94 MB

Pedestrian Crossing Solar BlinkerSign® (W11-2)

[pedestrian-crossing-solar-blinkersign-w11-2.pdf](#) | file size: 2.23 MB

5100 W Brown Deer Road, Brown Deer, WI 53223 | Phone: 1-800-236-0112 | Fax: 1-800-444-0331
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**- Village of McFarland –
Electronic Lock Access Project**

Attention: Cassandra Suettinger, Village Clerk

5915 Milwaukee St
McFarland, WI 53558

**Electronic Lock Access Project
Proposal**

Provided By:

BOLDTRONICS, INC.

655 Post Road
Madison, Wisconsin 53713
Phone (608) 271-8979 Fax (608) 274-5111

October 09, 2016

**ATTACHMENT A
Door Lock Project
Tabulation Sheet
and Final Bid**

Village of McFarland Electronic Lock Access Project

I have full authority to make such statements and to submit this proposal as the duly recognized representative of the Proposer.



Signature of Duly Authorized Individual

October 9, 2016

Date

Printed Name: Burt Boldebeck

Title: President

Address; 655 Post Road, Madison, WI 53713

Phone Number: 608-271-8979

Email Address: Burt@Boldtronics.com

Final Bid: \$83,685.00 – (Eighty Three Thousand, Six Hundred, Eighty Five, dollars)

ATTACHMENT B
Village of McFarland Electronic Lock
Access Project Statement of
Understanding of Proposal

Boldtronics Inc.

Vendor name _____

655 Post Road
Vendor's address _____

Madison Wis 53713
City State Zip code

Burt Boldebuck President
Contact person's name & position _____

608-271-8979 608-274-5111
Vendor's Phone number Vendor's Fax Number

We have read the Village's Request for Proposals (RFP) for the Village of McFarland Electronic Lock Access Project and fully understand its intent. We certify that we have adequate personnel, equipment, and license to perform said services. We understand our ability and fitness to perform shall be judged solely by the Village of McFarland. In addition, we certify that:

- (a) Our proposal is not made in the interest or on behalf of any person not named therein;
- (b) We have not directly or indirectly induced or solicited any person to submit a false or misleading proposal or to refrain from proposing;
- (c) We have not in any manner sought by collusion to secure an advantage over any other vendor;
- (d) We have thoroughly examined the RFP requirements, and our proposed fees cover all costs for service/equipment we have proposed; and
- (e) We acknowledge and accept all the terms and conditions included in the RFP

 **PRESIDENT**
Signature of vendor or vendor's Representative

October 6, 2016
Date

**ATTACHMENT C
Village of McFarland
Electronic Lock Access
Project Addendum
Sheet**

(If Addendums exist for this project, please sign, date, and submit with Proposal.)

The undersigned acknowledges receipt of the following addenda:

Addendum #1 Answers to the questions _Initials BGB

Addendum #2 _____ Initials _____

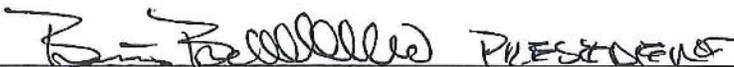
Addendum #3 _____ Initials _____

Addendum #4 _____ Initials _____

Addendum #5 _____ Initials _____

The undersigned agrees with the following statement:

I have examined and carefully prepared the response to proposal from the plans and specifications and have checked the same in detail before submitting to the Village of McFarland.

Name  PRESIDENT
Signature

Date October 6, 2016

All vendors are responsible to check for addenda, posted on the Village website at Village www.mcfarland.wi.us, for this project prior to the due date. No notification will be sent if addenda are posted unless there is an addendum within two (2) business days of RFP due date.

All vendors receiving initial notification of project will be notified by the Village of McFarland of all addenda issued within two (2) business days prior to due date. If a RFP has already been submitted, vendor is required to acknowledge receipt of addendum via fax or e-mail prior to due date. A new RFP response must be submitted by vendor if addendum affects costs.

Vendors that do not have internet access are responsible to contact the Village of McFarland at (608) 838-3153 to ensure receipt of addenda issued. RFPs that do not acknowledge addendums may be rejected.

All RFPs submitted shall be sealed. Envelopes are to be clearly marked with required information. Sealed RFPs that are opened by mistake due to inadequate markings on the outside may be rejected and returned to the vendor.

ATTACHMENT D

VILLAGE OF MCFARLAND/BOLDTRONICS INC., PROJECT AGREEMENT

THIS AGREEMENT is made by and between the Village of McFarland, a municipality, hereinafter referred to as THE VILLAGE, and Boldtronics Inc. hereinafter referred to as VENDOR, for the purpose of the Electronic FOB Door Control Access Readers and related equipment project.

The parties agree as follows:

1. Contact Persons and Contract Administrators:

THE VILLAGES's agent and contact person is: Cassandra Suettinger, Village Clerk
Whose principal business address is: Village of McFarland
5915 Milwaukee St.
McFarland, WI 53558

VENDOR agent and contact person is:

Name: Burt Boldebuck
Title: President
Company: Boldtronics Inc.
Address: 655 Post Road
Madison, WI 53713
Telephone: 608-271-8979

2. VENDOR agrees the following services, as set forth in the response to the Request for Proposal (RFP) dated October 6, 2016 will be provided to the Village of McFarland.
3. VENDOR agrees to present manufacturer's literature regarding materials & warranty.
4. Start/Completion dates to be determined.
5. THE VILLAGE agrees to the following:
 - Payment Terms –the Village of McFarland will pay the VENDOR for all satisfactorily completed work within 30 days of receipt of an invoice.
6. Both parties agree that the relationship between the parties shall be that of an independent VENDOR and shall not be construed to be an Employer-Employee relationship; specifically the parties agree that:
 - VENDOR will be responsible to pay all Federal, State and socialsecurity taxes on any income received under this Agreement.
 - THE VILLAGE will pay no fringe benefits or other compensation to VENDOR.

7. VENDOR will provide and maintain certificates of insurance with minimum limits as follows:

General liability, each occurrence	\$1,000,000
Auto liability, each occurrence	\$ 300,000
Workers Compensation	Statutory Requirements

Certificates of insurance must be presented to the Village of McFarland Village Clerk with a signed copy of this agreement prior to commencing work. Additionally, all policies shall contain endorsements by respective insurance companies waiving all rights of subrogation, if any, against the Village of McFarland and shall further provide that policies are not cancelable except upon thirty days written notice to the Village of McFarland.

8. VENDOR hereby agrees to release, indemnify, defend and hold harmless the Village of McFarland, its officials, officers, employees and agents from and against all judgments, damages, penalties, losses, costs, claims, expenses, suits, demands, debts, actions and/or causes of action of any type or nature whatsoever, including actual and reasonable attorney fees, which may be sustained or to which they may be exposed, directly or indirectly, by reason of personal injury, death, property damage, or other liability, alleged or proven, resulting from or arising out of the performance under this agreement by vendor, its officers, officials, employees, agent or assigns. The Village of McFarland does not waive, and specifically reserves, it's right to assert any and all affirmative defenses and limitations of liability as specifically set forth in Wisconsin Statutes, Chapter 893 and related statutes.
9. This contract may be amended in writing by mutual agreement of both parties at any time.
10. This agreement shall be governed by the laws of the State of Wisconsin.
11. THE VILLAGE may terminate this agreement in the event VENDOR breaches any of the terms of the agreement or for unsatisfactory performance by VENDOR. Termination shall be immediate upon written notification by THE VILLAGE.


VENDOR

10-6-16
Date

Cassandra Suettinger, Village Clerk

Date

BOLDTRONICS, INC.

655 Post Road
Madison, Wisconsin 53713

Phone (608) 271-8979

Fax (608) 274-5111

October 6, 2016

Cassandra Suettinger, Village Clerk
Village of McFarland
Village of McFarland – Electronic Lock Access Project
5915 Milwaukee St
McFarland, WI 53558

Ms. Suettinger,

Enclosed is the information that you requested regarding updating your Police Department Electronic Access Control System. This proposal is based on information received from your RFP and our walk through of the sites with Chief Sherven on September 30, 2016.

Because of the age of your current system and the fact that's a "Proprietary" type of system, meaning only the current vendor and a select few other select dealers in the state can work on it. We have opted to update your current system with a brand new state-of-the-art IP (Internet Protocol) system.

Our proposed system will allow for easy and flexible expansion to anywhere, to any building within your village and on your computer network system. Additionally, all of our components are of open architect design and expansion parts are easily obtainable by other security interrogators and not limited to just us or a select few dealers as your current system is.

All of your existing cabling, locks and equipment cabinet will be reused during our installation and implementation of our replacement equipment. Any of the new additional doors will use brand new locks, readers and cables. This will all be new equipment and installations.

Your proposed upgrade, retrofit is identical to others we have completed at other sites similar to yours. At all of these sites, we have met successful results and our customers can easily and cost effectively expand their system to anywhere on their computer network. (References and on sites demonstrations are available upon request)

Understanding that is only so much money available for your project we have provided an overall cost for everything and then broken our costs out for you as a menu type of pricing to allow you to easily "Pick and Choose" what doors are the most important for you.

For any future expansion of this system and possible integration into a new future video surveillance system, our access control products will integrate seamlessly into our video surveillance products if desired.

Below you find a complete breakdown of all the equipment and proposed system layout we are proposing for your facilities.

Your upgrades and additional doors will contain the following:

Your Main control equipment updates for your existing 14 doors include the following:

- 1, Electronic Access Control, Main System Controller - Appliance for connecting multiple Door Controllers and Devices: 50 readers, 200 I/O, 10,000 card holders and ID Badging
- 1, Master two door controller board
- 6, updating two door controller boards
- 1, Panel system battery back
- 14, HID R-10, I class card readers
- 1, Cable and Hardware Kit
- 1, Labor to Set Up, Install and Program, for the current 14 doors

Community Development ad Administration Department, 5 doors

- 3, complete door, includes electronic strike, reader, contact, cables & installation
- 2, complete door, includes electronic strike, reader, contact, cables, **closer** & installation

Fire/EMS Department, 10 doors

Note: the door on the tower access, required additional conduit work.

- 5, complete door, includes electronic strike, reader, contact, cables & installation
- 5, complete door, includes electronic strike, reader, contact, cables, **closer** & installation

Police Department, 7 doors

- 4, complete door, includes electronic strike, reader, contact, cables & installation
- 3, complete door, includes electronic strike, reader, contact, cables, **closer** & installation

Community Outreach and cable Department, 5 doors

- 3, complete door, includes electronic strike, reader, contact, cables & installation
- 2, complete door, includes electronic strike, reader, contact, cables, **closer** & installation

General Municipal Center Building, 3 doors

- 3, complete door, includes electronic strike, reader, contact, cables, **closer** & installation

Public Works Facility, 9 doors

- 6, complete door, includes electronic strike, reader, contact, cables & installation
- 3, complete door, includes electronic strike, reader, contact, cables, **closer** & installation

Library, 3 doors

Note: the door on the Mechanical room door didn't appear to be lining up right and may need additional work.

- 1, complete door, includes electronic strike, reader, contact, cables & installation
- 2, complete door, includes electronic strike, reader, contact, cables, **closer** & installation

Each of the above proposed doors will contain the following components:

- 1, BRIVO, door controller board/module
- 1, HID, R-10, I-Class access control card/FOB reader
- 1, HES, Model 5000 or 9600 electronic strike
- 1, Magnetic door contact
- 1, Door controller cable to the POE switch/controller board
- 1, Door cable kit, including reader, strike, contact switch cables
- 1, Complete installation, set-up and programming

Cost information:

Realizing the village has only so much funds available for this project, we have listed the total overall costs for everything as you have requested. Then we have itemized our proposal for you cover each individual building and then breaking it down even further to a per door cost.

The total cost for everything as requested, including the existing system upgrade would be: \$83,685.00.

First, we recommend upgrading the current main controller and existing system from its current state. This would include replacing your current system which is numerous years old with a new start-of-the-art IP addressable system. This would include replacing all of the existing door control boards, with new controllers and readers then adding in our new On-Site, network controller server. This will allow for seamless expansion of your system anywhere in the village you have a building or municipal network connection. Below is the cost listed for this upgrade at \$13,479.00

Then we have broken the cost for each building as you have requested for all of the specific doors listed on your requested work sheet. One cost includes a door closer, the other doesn't.

The total cost **for the entire project as requested** would be: \$83,685.00

Itemized cost break downs:

Your **Main control equipment** for updating for your existing 14 doors \$13,479.00

Individual building costs:

Community Development ad Administration Department, 5 doors	\$ 8,215.00
Fire/EMS Department, 10 doors	\$16,805.00
Police Department, 7 doors	\$11,576.00
Community Outreach and cable Department, 5 doors	\$ 8,215.00
General Municipal Center Building, 3 doors	\$ 5,604.00
Public Works Facility, 9 doors	\$14,562.00
Library, 3 doors	\$ 5,229.00

Individual door costs regardless of building:

Note: These individual doors will require the above main system upgrade.

1, door, includes elec. strike, reader, contact, cables & install	\$1,493.00
1, door, includes elec. strike, reader, contact, cables, a door closer & install	\$1,868.00

The last item needed would be upgrading your current access cards or FOB's with the new "I-Class" style cards from HID. The costs are listed below:

HID "I-Class cards are: \$419.00 per 100 and the HID "I-Class" FOB's are: \$439.00 per 100

We warrant that our installation shall be good and workmanlike and shall be free from defects for a period of twelve (12) months. Such warranty shall not extend to any damage caused by you, your employees, your customers or the general public, whether intentionally or through negligent acts or omissions. Upon installation of the equipment shown above, we will also transfer to you any accompanying manufacturers' warranties. This proposal is valid for 30 days and does not include State or Local tax. Unused or returned products are subject to a 15% restocking fee. Terms are net 30 days, upon completion of work. Clerical errors are subject to correction. Past due accounts will be assessed a monthly finance charge of 1.5% per month.

I appreciate the opportunity to provide you this price quote. Please feel free to contact me at (608) 271-8979 with any questions you may have. As one of the largest electronic security providers in the area, **BOLDTRONICS, INC.** looks forward to working with and serving you.

Sincerely,
Burt Boldebuck
President – **BOLDTRONICS, INC.**

Accepted By: _____ Title: _____ Date: _____

ACS OnSite Aparato™

Full-featured Appliance-based Access Control



Robust, Secure, Scalable

OnSite Aparato is a full-featured appliance-based access control platform with unmatched built-in security features. With a capacity of up to 1,000 readers and half a million active card holders, Aparato's scalable licensing model gives users the ability to choose the system that best fits their needs, increase capacity as needs grow, and add capabilities in an à la carte manner.



Aparato Account Administration

- Web browser interface for all administration
- Multiple logins for security and partitioned access
- Audit trail of administrative actions
- Unlimited threat levels definable to control group permissions, administrative roles, schedules, devices, and two-factor credentials
- Immediate notification of alarms via email or text messaging
- Bulk device management via device profiles



System Highlights

- Browser-based embedded security management platform
- Flexible licensing model
- Live database and back-ups are encrypted via AES 256 encryption
- Authentication to panels using X.509 Certificates
- Hardware-backed software integrity verification—Trusted Platform Module (TPM)—compliant with ISO Standard 11889
- HSPD-12/FIPS 201 compliant when used with Codebench's PIVCheck Plus and Certificate Manager products
- FIPS 140-2 validated encryption with ACS5000-A panels

Scalable platform with unmatched data security

The Trusted Platform Module (TPM), standard in every system and compliant with ISO Standard 11889, is a hardware-backed software integrity verification function with fully encrypted Advanced Encryption Standard (AES) 256 data storage. The TPM enhances security and ensures data is safe from both software attacks and physical theft, guards against unauthorized modification of application software, provides tamper detection, and simplifies software upgrades by eliminating tokens and other peripheral security measures.

Feature Highlights

- Graphic maps with real-time status updates
- Video integration
- Fully integrated badging application with dual-sided badge printing
- Antipassback
- Mustering
- Swipe & show—view user photos associated with access events
- Customizable reports
- User aliases—easily copy user records from one account to another

IP Connectivity and Interfaces

- TCP/IP—works on any network
- 128-bit SSL encryption—your information is secure
- DHCP or Static IP—little or no IT resources needed
- DNS Support—Internet connectivity using Domain Name System address
- DataSync Application Programming Interface (API) available
- ODBC compliant

ACS OnSite Aparato™

Full-featured Appliance-based Access Control



ACS OnSite Aparato Specifications

Maximum # of system-wide readers	1,000
Maximum # of input points	30,000
Maximum # of auxiliary outputs	30,000
Maximum # of accounts	50
Number of user-definable fields	Unlimited
Text message and email notifications	Yes
Maximum # of active card holders	500,002
Event buffering	10,000,000 events in a circular queue
Graphic maps	Yes
Elevator control	Yes
Back up to Brivo capability	Yes
Flexible licensing	Yes
Badging	Yes
Video integration	Yes
Dimensions (HxWxD)	42.6 x 431 x 393.7 (mm); 1.68" x 17" x 15.5"
Weight	8.058 kg (17.6 lbs.)
Mounting	1U 19" rack mountable enclosure; unit height 1.7"; rails included

Aparato Technical Specifications

Operating temperature	10°-35° C (50°-95° F)
Input power	132.6 Watts (452.5 but/H)
Airflow rate	11 L/S; 23.3 CFM
Relative humidity	20% to 80% Non-condensing
Energy star compliant	Yes
RoHS	Yes
Compliance	FIPS-140-2, TPM 1.2 compliant
Regulatory Certifications	FCC Class A, ICES Class A, CE 55022 Class A (EN55024, EN61000-3-2, EN61000-3-3), C-Tick Class A, UL 60950-1, CAN/CSA C22.2 No. 60950-1, EN 60950-1, IEC 60950-1, NOM

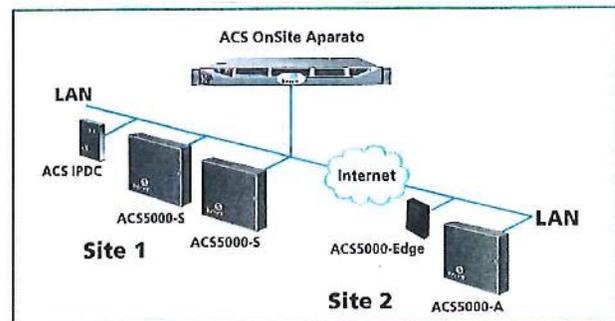
Brivo supports a variety of readers. For a full list, visit www.brivo.com/support/manuals-downloads and download the ACS5000 Reader/Keypad Wiring Guide under OnSite Appliance Controllers.

Ordering Information for ACS OnSite Aparato System Components

ACS-Aparato BA xx*	ACS Onsite Aparato (See MSRP for model options)
ACS5000-A	ACS5000 OnSite Aparato control panel**
ACS5008-A	(Necessary for FIPS 140-2 validated encryption support)
ACS5000-S	ACS5000 OnSite control panel**
ACS5008-S	
ACS5000-EDGE	HID EdgePlus™ with Brivo ACS Plug-in (Reader not included)
ACS IPDC 1A	IP Door Controller
ACS IPDC 2A	(Single or dual reader)

*See all options for capacity on the MSRP.

**Power supply, transformer, and battery included.



Powerful security made simple.

Learn more at www.brivo.com/demo or email demo@brivo.com to arrange a personal demonstration.



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M-LIT-AparatoCutsheet

ACS OnSite®

Web-connected Access Control



Simple, Affordable, Scalable

ACS OnSite is a cost-effective, easy to use, Web-based access control solution that requires no dedicated PCs and provides robust access control features. ACS OnSite is ideally suited for providing security at a single facility, even if that facility houses more than one business. The system is also fully convertible to accommodate the growth of a business to additional facilities.



ACS OnSite Account Administration

- Web browser interface for all administration including Activity Log
- Reports, activity log, and journals let you keep close tabs on system activity
- Quick control over doors from intuitive, comprehensive system dashboard
- Multiple logins for security and partitioned access
- Up to 5,000 users/credentials per control panel
- Audit trail of administrative actions
- New firmware updates available online at no additional cost

IP Connectivity and Interfaces

- TCP/IP—works on any network
- 128-bit SSL encryption—your information is secure
- DHCP (Default) or Static IP—little or no IT resources needed
- DNS Support—Internet connectivity using Domain Name System address
- XML Application Programming Interface (API) included—integrates with other systems to streamline processes, saving you time and money

Use any Web browser to access and manage your system. The intuitive and easy-to-use interface has you up and running with minimal training. ACS OnSite's convenient dashboard gives you a single screen from which to manage the system—from monitoring activity to opening or locking doors with a single click.

System Highlights

- No software to install, no dedicated PC needed
- Instantaneous lockdown can be applied to entire system or specific groups
- Notifications of alarms via email, pager, or cell phone
- Intuitive and familiar Web-based administration has users up and running in no time
- Easy conversion to Brivo's OnSite Appliance-based systems using existing hardware for when your system grows
- Antipassback
- Meets DoD 5220.22-M NISPOM and Intelligence Community Directive (ICD) 705 "Sensitive Compartmented Information Facilities" for SCIF use

Service and Support

- User manuals and quick-start guides
- Context-sensitive online help
- Professional services available

ACS OnSite®

Web-connected Access Control

ACS OnSite Specifications

Communications	Direct Ethernet/LAN/WAN
Active card holders	5,000 user credentials
Max # of system-wide readers	Up to 30
Max # of accounts	16 per database
Max # of custom fields	10 per account
Maximum # of workstations	Unlimited browser connections (Included)
Firmware upgrades	Downloadable via Internet
Text message and email notifications	Configurable by account via customer-supplied SMTP server
Stored events	50,000 events (FIFO)

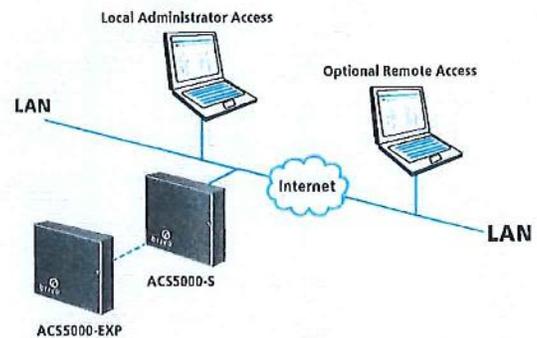
Supported Readers

Brivo supports a variety of readers. For a full list, visit www.brivo.com/support, click "Manuals & Downloads," and download the ACS5000 Reader/Keypad Wiring Guide under ACS5000-S for ACS OnSite.

Ordering Information for ACS OnSite System Components

ACS5000-S	ACS5000 OnSite control panel* (Standard size chassis)
ACS5008-S	ACS5000 OnSite control panel* (Large chassis)
ACS5000-DB	ACS5000 Door Expansion Board
ACS5000-IO	ACS5000 Input/Output expansion board
ACS5000-EXP	Expansion Chassis* (2 board enclosure)
ACS5008-EXP	Large expansion chassis* (4 board enclosure)

*Power supply, transformer, and battery included.



The ACS OnSite control panel can accommodate up to 30 readers. Local Administrator Access is via a Web browser over the Local Area Network (LAN). Remote Access can be set up with the appropriate network configuration, so that the system can be administered from any Web browser with Internet access.

Learn more at www.brivo.com/demo or email demo@brivo.com to arrange a personal demonstration.



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M-ACSOnSiteCutsheet-LIT Rev.02 Jan 2014

ACS5000-A/ACS5008-A Control Panels

The ACS5000-A and ACS5008-A control panels are shipped as complete two-reader control panels—including UL-listed chassis and power supplies—that are designed to work with the ACS OnSite Aparato® solution. One additional ACS5000 expansion board can be mounted into the ACS5000-A chassis and up to three additional ACS5000 expansion boards can be mounted into the ACS5008-A chassis. Both the ACS5000-A and the ACS5008-A can support up to 14 expansion boards. This can be in any combination of door boards or I/O boards.

IP-based Control Panel for ACS OnSite Aparato®

- FIPS 140-2 validated embedded encryption modules for use with ACS OnSite Aparato
- Supports up to 14 expansion boards for up to 30 readers per panel

Ordering Information

ACS5000-A – ACS5000 control panel* (standard size chassis)

ACS5008-A – ACS5000 control panel* (large chassis)

*Power supply, transformer, and battery included

Ordering Information – Associated ACS5000 Series Components

ACS-Aparato BA xx* – ACS Onsite Aparato (See MSRP for model options)

ACS5000-DB – ACS5000 Door expansion board

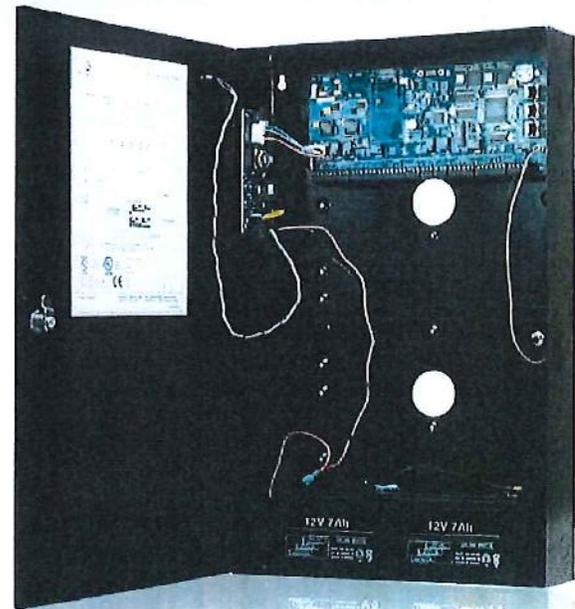
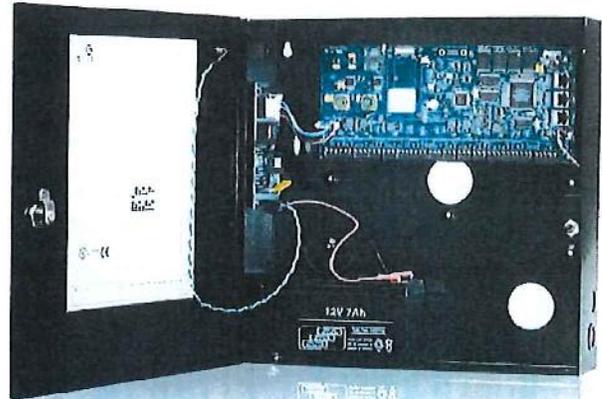
ACS5000-IO – ACS5000 Input/Output expansion board

ACS5000-EXP – Expansion chassis** (2 board capacity)

ACS5008-EXP – Large expansion chassis** (4 board capacity)

* See all options for capacity on the MSRP.

** Power supply, transformer, and battery included.



Service and Support

- Toll-free telephone and email support
- User manual, online help, and installation guide
- Professional services available for fast and seamless system implementation; options include training, technical support, and conversion of legacy systems and databases

ACS5000-A/ACS5008-A Control Panel Specifications

Total number of active card holders	Total card holder capacity is linked to the Aparato license providing up to 500,002 card holders. Panels enable both static and dynamic caching of card holders in local memory using Brivo's Dynamic Credential Synchronization Protocol (DCSP).
Maximum number of readers	Up to 30 per master panel
Event history	50,000 events per panel
Maximum number of input points	Up to 120 per ACS5000-A/ACS5008-A
Maximum number of output relays	Up to 118 per ACS5000-A/ACS5008-A
Maximum number of ACS5000-IO and/or ACS5000-DB expansion boards	Up to 14 per ACS5000-A/ACS5008-A
Authentication and encryption	x509 certification authentication and 256-bit, FIPS 140-2 compliant encryption
Inputs points on ACS5000-A board (optional 4 state supervision)	(2) Door position points; (2) Request to Exit points; (4) Auxiliary input points
Output relays on ACS5000-A board	Form C (SPST) 3A @24VDC – (2) Lock switching; (4) Auxiliary output relays
Power consumption	12VDC @ 500mA peak with all relays engaged (board only)
Communication bus wiring	CAN Bus - Use CAT5 (or higher) UTP cable up to 1,500 feet
Temperature and humidity range	Operating Temp: 32° to 125° F, (0° to 49° C) Humidity: Max 85% non-condensing
ACS5000-A board dimensions	5" h x 11.5" w
Included components	(2) MOV surge suppressors and (16) 2K ohm End-of-Line resistors
Expansion board capacity	ACS5000-A: Capacity for (1) additional ACS5000-IO or ACS5000-DB; ACS5008-A: Capacity for (3) additional boards, may be a combination of ACS5000-IO and ACS5000-DB
Power supply (included)	12VDC @ 3A (Supports expansion boards and readers only) Aux output – 12VDC @ 250mA (Not to be used for lock power)
Transformer (included)	16.5VAC 40VA
Standby batteries and cables (Included)	ACS5000-A: (1) 12VDC 7Ah Rechargeable ACS5008-A: (2) 12VDC 7Ah Rechargeable
Control chassis dimensions	ACS5000-A: 15" h x 15" w x 3.75" d ACS5008-A: 23.5" h x 15" w x 3.75" d
ACS5000-A / ACS5008-A enclosure details	NEMA type 1, tamper switch, key locks, and knockouts
Compliance	Access Control UL294/ULC Listed, CE Certified

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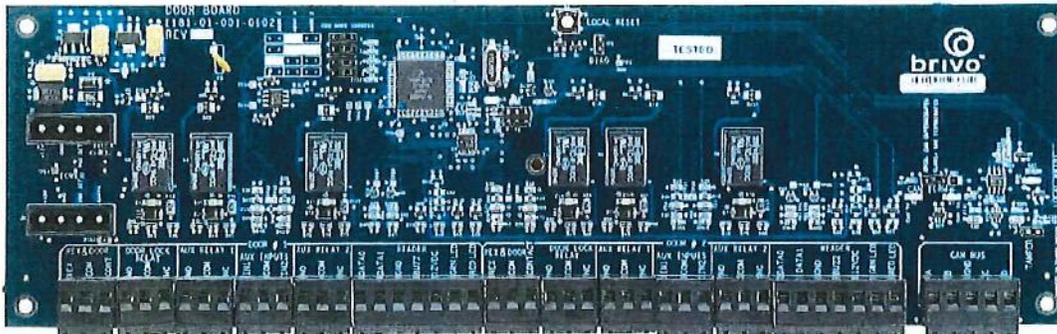
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MKT-DOC-201-ACS5000ACutsheet

ACS5000-DB Expansion Board

The ACS5000-DB dual reader expansion board provides two additional Wiegand reader inputs to the Brivo ACS5000 series control panels. Each reader node (input) provides (1) form C (SPDT) output relay for lock power switching, (1) dedicated request to exit input, (1) dedicated door position switch input, (2) auxiliary inputs, and (2) auxiliary Form C (SPDT) output relays. Each input point can be programmed for input line supervision and for normally open or normally closed inputs. ACS5000-DB expansion boards

must be connected to an ACS5000-E, ACS5000-W/G, or ACS5000-S control panel to operate properly. Brivo ACS5000 series control panels support any combination of ACS5000-I/O and ACS5000-DB expansion boards up to a maximum of 14 expansion boards per ACS5000 series control panel and are connected via high speed CAN bus. To maintain UL294 compliance, the ACS5000-DB must be installed and powered by an ACS5000 series chassis.



All wiring terminations are removable

Ordering Information

- ACS5000-DB – ACS5000 Dual reader expansion board
- ACS5000-EXP – Expansion chassis (2 board enclosure)
- ACS5008-EXP – Large expansion chassis (4 board enclosure)

Ordering Information – Associated ACS5000 Series Components

- ACS5000-E – ACS5000 Ethernet ACS WebService™ control panel (Standard size chassis)
- ACS5008-E – ACS5000 Ethernet ACS WebService control panel (Large chassis)
- ACS5000-W/G – ACS5000 Wireless ACS WebService control panel (Standard size chassis)
- ACS5000-S – ACS5000 ACS OnSite™ control panel (Standard size chassis)
- ACS5008-S – ACS5000 ACS OnSite control panel (Large chassis)
- ACS5000-IO – ACS5000 Input/Output expansion board

Service and Support

- Toll-free telephone and email support
- User manual, online help, and installation guide
- Professional services available for fast and seamless system implementation; options include:
 - training
 - technical support
 - conversion of legacy systems and databases
 - custom branding

ACS5000-DB Expansion Board

ACS5000-DB Expansion Board Specifications

Feature Description	Specification Details
Number of readers per board	2 Wiegand reader terminations
Input points (optional 4 state supervision)	2 door position points; 2 request to exit points; (4) auxiliary input points (total per board)
Output relays	Form C (SPST) 3A @24VDC – (2) lock switching; (4) auxiliary output relays (total per board)
Power consumption	12VDC @ 90mA idle / 400mA peak with all relays engaged (board only)
Communication bus wiring	CAN Bus - Use CAT5E cable up to 1500 feet
Temperature and humidity range	Operating Temp: 32° to 125° F (0° to 49° C); Humidity: Max 85% non-condensing
Compliance	UL294/ULC Listed, CE Certified
Dimensions	3.5”h x 11.5”w
Included components	(2) MOV; (1) Molex power connector cable, (5) plastic stand-off pins, and (16) 2K ohm EOL resistors

Learn more at www.brivo.com/demo or email demo@brivo.com to arrange a personal demonstration.



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M-LIT-DBCutsheet Rev.01 July 2013

Brivo ACS IP Door Controller

Powerful Security in a Compact Size



Providing cost-effective, flexible, IP-based access control at the door

Brivo's ACS IP Door Controller (ACS IPDC) is a native Ethernet access control panel in a compact form factor. Available as a one or two door controller, the IPDC is supported by both ACS WebService® and ACS OnSite Aparato® systems.

IPDC with ACS WebService

Browser management of control panels via secure data centers over the Internet

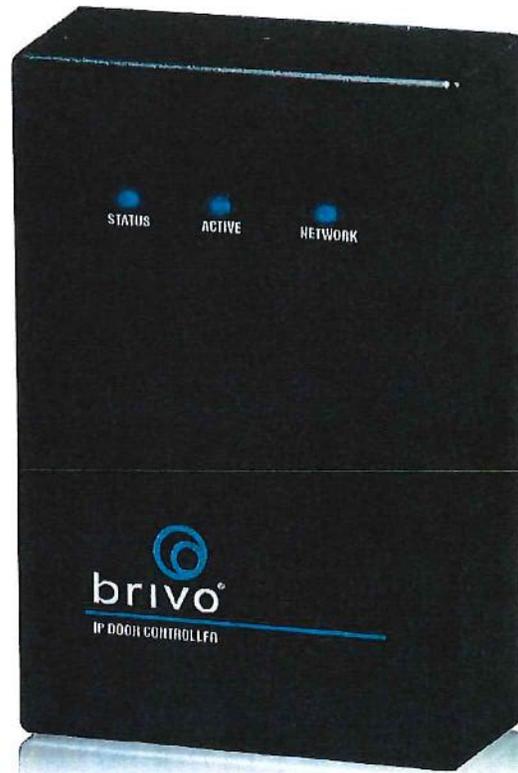
Fully redundant, geographically dispersed hosting centers operated by professionals ensure unparalleled data security and disaster recovery. ACS WebService is a flexible system with unlimited growth potential, unconstrained by geography. The intuitive browser-based interface is a snap to learn, and there is no software to support and no servers or dedicated PCs to manage. With ACS WebService, audited information security ensures strict compliance for data integrity and system reliability.

IPDC with ACS OnSite Aparato Systems

A scalable growth path, richer features, and greater sophistication

The ACS OnSite Aparato appliance-based access control system is designed to manage multiple control panels for larger systems—including multiple locations. With no dedicated PCs to support, any standard Web browser can be used to manage the system. With ACS OnSite Aparato, the IPDC provides high security with an advanced FIPS mode that enables FIPS 140-2 validated encryption.

- Cost-effective solution for remotely managed multi-site applications
- Great for new or existing sites where technology deployment needs to be on 'The Edge' of the network
- Use Power over Ethernet (PoE)
- Works with any standard Wiegand-compatible readers
- Supported on both ACS WebService and ACS OnSite Aparato Systems
- Field upgradeable



Brivo ACS IP Door Controller

Powerful Security in a Compact Size

ACS IPDC Specifications

Active card holders	IPDC-E: 25,000 user credentials per connectivity IPDC-A: 5,000 user credentials per connectivity
Maximum # of readers	2
Event history	6,000 events (FIFO) offline from host
Authentication and encryption	IPDC-E: X.509 Digital Certificates and 128-bit SSL IPDC-A: FIPS 140-2
Inputs points	(2) Door position points; (2) Request to Exit point; (supervision optional for both inputs)
Output relays	(2) Non-latching wet or dry selectable; (2) Dry relay contacts are rated for 2 A @ 30 VDC
Available power	The IPDC is capable of supplying a total of 750 mA to field devices. This power may be shared between a reader and one or two additional field devices.
Power consumption	Recommended: Power is supplied using the Power over Ethernet technology available with PoE (802.3af) enabled network devices, 13 watts maximum. Alternate: Supervised 12 VDC linear power supply with battery backup and input surge protection, supplying at least 1.5 A. Note: Use of a UL 294 Access Control/Burglary power-limited power supply is required for all Listed installations.
Temperature and humidity range	Operating Temp: 32° to 125° F, (0° to 49° C) Humidity: 5% to 95% relative, noncondensing Note: The IPDC is intended for use in indoor environments only.
ACS IPDC dimensions	3" W x 4.5" H x 1.25" D (76.2 mm x 114 mm x 31.7 mm)
Compliance	UL/ULC 294 Listed Component, FCC Part 15 Class A Compliant

Learn more at www.brivo.com/demo or email demo@brivo.com to arrange a personal demonstration.



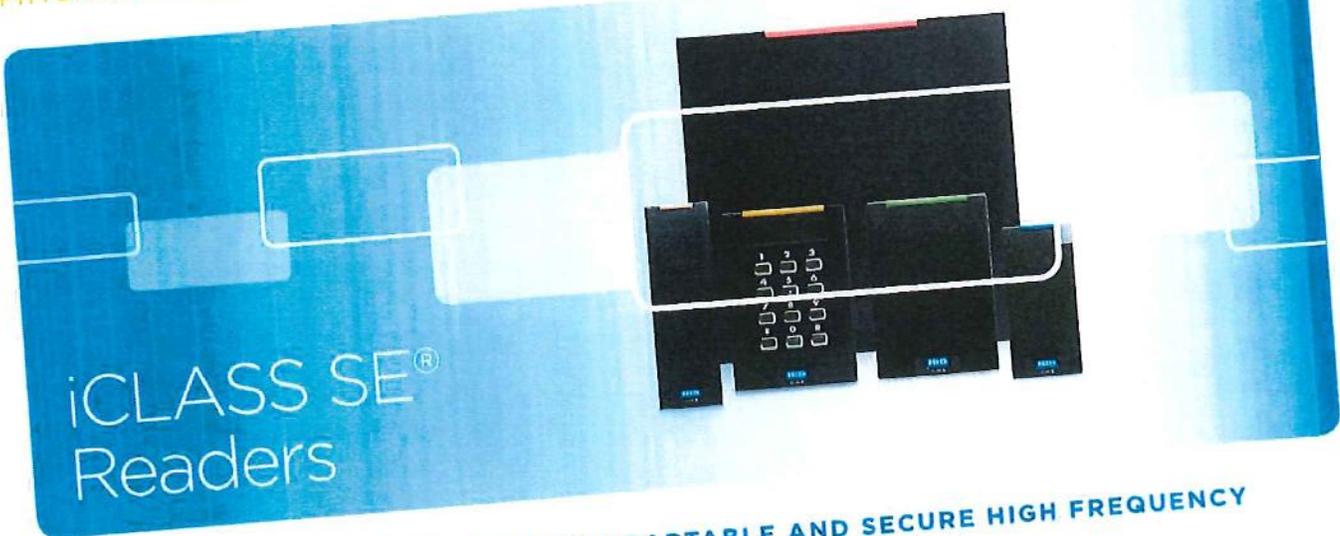
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M-LIT-IPDCsheet Rev. 01 July 2013



PHYSICAL ACCESS SOLUTIONS



iCLASS SE[®] Readers

HIGHLY ADAPTABLE AND SECURE HIGH FREQUENCY ACCESS CONTROL SOLUTION



- **Powerfully Secure** - Provides layered security beyond the card media for added protection to identity data using SIOs.
- **Adaptable** - Interoperable with a growing range of technologies and form factors including mobile devices utilizing Seos[®].
- **Interoperable** - Open Supervised Device Protocol (OSDP) for secure, bidirectional communication.
- **Versatile** - Extended read range is available for applications such as parking and gate control solutions.

HID Global's iCLASS SE[®] platform goes beyond the traditional smart card model to offer a secure, standards-based and flexible platform that has become the new benchmark for highly adaptable, interoperable and secure access control solutions.

Supervised Device Protocol (OSDP) standard which also ensures secure transmission of data from the reader to the controller. Additionally, iCLASS SE readers support mobile devices utilizing Seos, enabling a new class of portable identity credentials that can be securely provisioned and safely embedded into both fixed and mobile devices.

As part of HID Global's iCLASS SE platform for advanced security, the readers utilize state-of-the-art authentication through the platform's Secure Identity Object (SIO) data model for trusted and secure communication between the card and reader to prevent unauthorized access. The iCLASS SE reader line is built on the Security Industry Association (SIA) Open

iCLASS SE readers include Open Supervised Device Protocol (OSDP), a new Security Industry Association (SIA) standard that together with Secure Channel Protocol (SCP) provides secure communications and central management.

POWERFULLY SECURE:

- Multi-Layered Security - Ensures data authenticity and privacy through the multi-layered security of HID's SIO
- EAL5+ Certified Secure Element Hardware - Provides tamper-proof protection of keys/cryptographic operations.
- Secured communications using OSDP with Secure Channel Protocol.
- Expanded iCLASS Elite[™] Program - Extends private security by protecting uniquely keyed credentials, SIOs and programming keys.

HIGHLY ADAPTABLE:

- Mobile device support using iCLASS Seos - enabling HID access control.
- Flexible to support future technologies.
- Field Programmable Readers - Provides secure upgrades for migration and extended lifecycle.

SUSTAINABILITY AND MANAGEMENT:

- Intelligent Power Management (IPM) - Reduces reader power consumption by as much as 75% compared to standard operating mode.
- Recycled Content - Contributes toward building LEED credits.

INTEROPERABLE:

- SIO Media Mapping - Simplifies deployment of third-party objects to multiple types of credentials.
- Industry standard communications using OSDP.
- Custom programming support to read models on MIFARE and MIFARE DESfire EV1 credentials.



SPECIFICATIONS

Model Name	R10	R15	R40	RK40	R90
Base Part Number	900N	910N	920N	921N	940N
Typical Read Range ¹	ICLASS Seos: 2.4" (6 cm) ICLASS: 3.6" (9 cm) MIFARE Classic: 2.4" (6 cm) MIFARE DESFire EV1: 2.4" (6 cm)	ICLASS Seos: 2.4" (6 cm) ICLASS: 3.6" (9 cm) MIFARE Classic: 2.4" (6 cm) MIFARE DESFire EV1: 2.4" (6 cm)	ICLASS Seos: 3.2" (8 cm) ICLASS: 5.2" (13 cm) MIFARE Classic: 3.9" (10 cm) MIFARE DESFire EV1: 3.2" (8 cm)	ICLASS Seos: 2.0" (5 cm) ICLASS: 5.5" (14 cm) MIFARE Classic: 5.1" (13 cm) MIFARE DESFire EV1: 2.0" (5 cm)	ICLASS Seos: 5.9" (15 cm) ICLASS: 14.2" (36 cm) MIFARE Classic: 9.4" (24 cm) MIFARE DESFire EV1: 5.9" (15 cm)
	ICLASS: 1.6" (4 cm) MIFARE Classic: 1.2" (3 cm)	ICLASS: 1.6" (4 cm) MIFARE Classic: 1.2" (3 cm)	ICLASS: 2.8" (7 cm) MIFARE Classic: 2.0" (5 cm)	ICLASS: 3.1" (8 cm) MIFARE Classic: 2.0" (5 cm)	ICLASS: 7.5" (19 cm) MIFARE Classic: 3.1" (8 cm)
Mounting	Mini-Mullion Size; physically HID's smallest ICLASS [®] readers and are ideally suited for mullion-mounted door installations, U.S. single-gang J-box (with mud ring) or any flat surface	Mullion Size; physically HID's second smallest ICLASS readers and are ideally suited for mullion-mounted door installations, U.S. single-gang J-box (with mud ring) or any flat surface	Wall Switch Size; designed to mount and cover single gang switch boxes primarily used in the Americas and includes a slotted mounting plate for European and Asian back box spacing	Wall Switch Size; designed to mount and cover single gang switch boxes primarily used in the Americas and includes a slotted mounting plate for European and Asian back box spacing	Mounts on any standard back boxes or any flat surface
Color	Black				
Keypad	No				
Dimensions	1.9" x 4.1" x 0.9" 4.8 cm x 10.3 cm x 2.3 cm	1.9" x 6.0" x 0.9" 4.8 cm x 15.3 cm x 2.3 cm	3.3" x 4.8" x 1.0" 8.4 cm x 12.2 cm x 2.4 cm	3.3" x 4.8" x 1.1" 8.5 cm x 12.2 cm x 2.8 cm	13.1" x 13.1" x 1.55" 33.3cm x 33.3cm x 3.9cm
Product Weight (Pigtail)	3.9 oz (113g)	5.3 oz (151g)	7.7 oz (220g)	9.0 oz (256g)	N/A
Product Weight (Terminal Strip)	2.9 oz (84g)	4.2 oz (120g)	7.5 oz (215g)	8.0oz (226g)	4lb 1oz (1844g)
Operating Voltage Range	5-16 VDC				
Current Draw - Standard Power Mode ² (mA)	60 @ 16V	60 @ 16V	65 @ 16V	85 @ 16V	110 @ 12V
Current Draw - Intelligent Power Management (IPM) Mode ² (mA)	35 @ 16V	35 @ 16V	40 @ 16V	60 @ 16V	30 @ 12V
Peak Current Draw - Standard Power or IPM Mode ² (mA)	200 @ 16V	200 @ 16V	200 @ 16V	220 @ 16V	300 @ 12V
NSC ³ Power Consumption - Standard Power Mode	1.0 @ 16V	1.0 @ 16V	1.0 @ 16V	1.4 @ 16V	1.3 @ 12V
NSC ³ Power Consumption - w/ IPM	0.6 @ 16V	0.6 @ 16V	0.6 @ 16V	1 @ 16V	.4 @ 12V
Operating Temperature	-31° to 150° F (-35° to 65° C)				
Storage Temperature	-67° to 185° F (-55° to 85° C)				
Operating Humidity	5% to 95% relative humidity non-condensing				
Environmental Rating	Indoor/Outdoor IP55; IP65 if installed with optional gasket				IP65
Transmit Frequency	13.56 MHz				
13.56 MHz Card Compatibility	Secure Identity Object™ (SIO) on ICLASS Seos, ICLASS SE/SR, MIFARE DESFire EV1 and MIFARE Classic (On by Default) - MIFARE Classic and MIFARE DESFire EV1 custom data models - standard ICLASS Access Control Application (order with Standard Interpreter) - ISO14443A (MIFARE) CSN, ISO14443B CSN, ISO15693 CSN - FelICa™ CSN, CEPAS [®] CSN or CAN				
Communications	Wiegand, Clock-and-Data, Open Supervised Device Protocol (OSPD) via RS485				
Panel Connection	Pigtail or Terminal Strip				Terminal Strip
Certifications	UL294/cUL (US), FCC Certification (US), IC (Canada), CE (EU), RCM (Australia, New Zealand), SRRC (China), KCC (Korea), NCC (Taiwan), IDA (Singapore), RoHS, FIPS201 Transparent FASC-N Reader ⁴ , MIC (Japan) ⁴				
Crypto Processor Hardware Common Criteria Rating	EAL5+				
Patents	www.hidglobal.com/patents				
Housing Material	UL94 Polycarbonate				
Manufactured with % of recycled content (Pigtail)	10.5%	11.0%	10.5%	10.9%	N/A
Manufactured with % of recycled content (Terminal Strip)	11.0%	11.5%	11.0%	12.4%	11.00%
UL Ref Number	R10E	R15E	R40E	RK40E	R90E
Warranty	Limited Lifetime				

¹ Read range listed is statistical mean rounded to nearest whole centimeter. HID Global testing occurs in open air. Some environmental conditions, including metallic mounting surface, can significantly degrade read range and performance; plastic or ferrite spacers are recommended to improve performance on metallic mounting surfaces.
² Measured in accordance with UL294 standards; See Installation Guide for Details
³ NSC = Normal Standby Current; See Installation Guide for Details
⁴ Not available on R90 Model



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 2016-05-19-hid-iclass-se-readers-ds-en PLT-00230

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ASSA ABLOY



PHYSICAL ACCESS SOLUTIONS



CONTACTLESS SMART CARD PVC CARDS 2000, 2001, 2002, 2003, 2004 COMPOSITE PVC/PET CARDS 2100, 2101, 2102, 2103, 2104

- **Proven, Reliable Technology** - Offers extremely consistent read range. Unaffected by body shielding or variable environmental conditions.
- **Thin** - Can be carried with credit cards in a wallet or purse. Use with a strap and clip as a photo ID badge.
- **Long Life** - Passive, no-battery design allows for an estimated minimum 100,000 reads.
- **Durable** - Strong, flexible, and resistant to cracking and breaking.

HID's iCLASS[®] 13.56 MHz read/write contactless smart card technology can be used for diverse applications such as access control, biometrics, cashless vending, public transportation, airline ticketing and customer loyalty programs. Multiple, securely separated files enable numerous applications and support future growth.

The iCLASS Card offers iCLASS 13.56 MHz contactless read/write smart card technology along the ability to add a magnetic stripe, barcode, and anti-counterfeiting features including custom artwork or a photo identification directly on the credential. Your iCLASS Card can now be utilized for such diverse applications including access control, network log-on security, automotive vehicle identification, cashless vending, time and attendance, and biometric verification. Multiple securely separated files enable numerous applications and can support future capabilities. The iCLASS Card meets strict ISO thickness standards for use with direct image

and thermal transfer printers.

iCLASS² was specifically designed to make access control more powerful, more versatile, and more secure. All radio frequency data transmission between the card and reader is encrypted using a secure algorithm. By using industry standard encryption techniques, iCLASS reduces the risk of compromised data or duplicated cards. For even higher security, the card data may also be protected with DES or triple DES encryption. Multiple securely separated application areas are each protected by 64-bit diversified read/write keys which allow complex applications and provide for future expansion.

Security mechanisms such as mutual authentication and encryption are efficiently combined with fast processing and data communication, resulting in transaction times of less than 100 milliseconds for a typical secure e-purse transaction.

FEATURES:

- 13.56 MHz read/write contactless smart card technology provides high-speed, reliable communications with high data integrity.
- iCLASS technology ensures high security with mutual authentication, encrypted data transfer, and 64-bit diversified keys for read/write capabilities.
- Any existing HID format can be factory or field programmed into the secure HID access control application area.
- Available in 2k bit (256 Byte), 16k bit (2K Byte) or 32k bit (4K Byte) configurations
- Meets ISO standards for thickness for use with all direct image and thermal transfer printers
- Add a magnetic stripe, barcode, anti-counterfeiting, or photo ID

iCLASS® Key II

13.56 MHz Contactless

Contactless Smart Key Fob • 2050, 2051, 2052, 2053, 2054



ACCESS flexibility.

HID's iCLASS® 13.56 MHz read/write contactless smart card technology enables numerous applications and supports future growth for an organization's credential program. A unique form factor, the iCLASS Key II provides the convenience of an iCLASS contactless read/write smart card that is durable for harsh environments.

The size of a typical automotive key, this credential form factor can be placed on a key ring or lanyard and customized for corporate identity and branding purposes. The molded plastic key fob is ideal for diverse applications including access control, network log-on security, parking applications, cashless vending, time and attendance and biometric verification.

Features:

- ▶ The iCLASS 13.56 MHz read/write contactless smart key technology provides high-speed, reliable communications with high data integrity.
- ▶ iCLASS technology ensures high security with mutual authentication, encrypted data transfer; and 64-bit diversified keys for read/write capabilities.
- ▶ Any existing HID format can be factory or field programmed into the secure HID access control application area.
- ▶ Available in 2k bit (256 Byte), 16k bit (2k Byte) or 32k bit (4k Byte) configurations.
- ▶ Molded plastic enclosure provides durability in harsh environments.

All 2k bit (256 Byte) iCLASS credentials have the following features:

- ▶ Available in two application area configuration only.
- ▶ Provides the HID standard access control application area and one other application area for user customization.
- ▶ Meets ISO 15693 standard for contactless communications.
- ▶ Provides a cost effective way to improve the security of your access control installation.

All 16k bit (2k Byte) and 32k bit (4k Byte) iCLASS credentials have the following features:

- ▶ Sufficient read/write memory to store multiple biometric templates.
- ▶ 16k available in a two or sixteen application area configuration. 32k available with 16k memory configured in either 2 or 16 application areas, plus an additional 16k user configurable memory.
- ▶ Meets ISO 15693 and 14443B for contactless communications.

Features

Read/write Functionality for Multi-functional Memory Applications

iCLASS[®] was specifically designed to make access control more powerful, more versatile, and more secure. All radio frequency data transmission between the key and reader is encrypted using a secure algorithm. By using industry standard encryption techniques, iCLASS reduces the risk of compromised data or duplicated keys. Multiple securely separated application areas are each protected by 64-bit diversified read/write keys which allow complex applications and provide for future expansion.

Security mechanisms such as mutual authentication and encryption are efficiently combined with fast processing and data communication, resulting in transaction times of less than 100 milliseconds for a typical secure e-purse transaction.

Proven, Reliable Technology

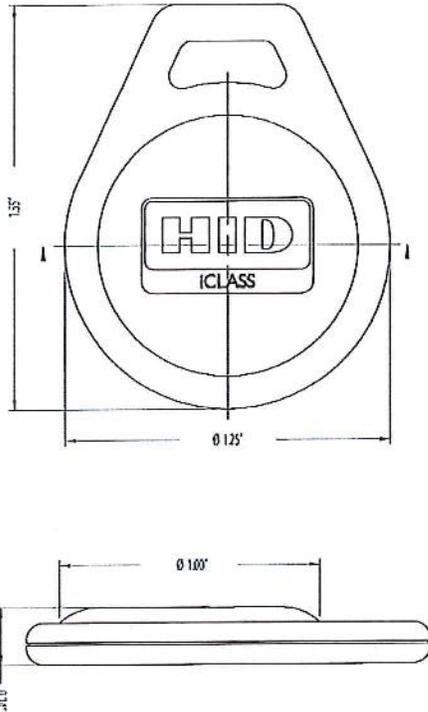
Offers extremely consistent read range. Unaffected by body shielding or variable environmental conditions.

Small and Convenient

Can be carried with keys in pocket, handbag, or clipped on a lanyard.

Long Life

Passive, no-battery design allows for an estimated minimum 100,000 reads.



Base Part Number

2050, 2051, 2052, 2053, 2054

Description

RF-programmable, 13.56 kHz, black with blue insert, customer-specified ID Numbers.

*Typical Maximum Read Range

R10 2" (5.1 cm)
 RP15 1 3/4" (4.6 cm)
 R30/RW300 2 1/4" (5.9 cm)
 R40/RW400 2 3/4" (7.0 cm)
 RK40/RWK400 2" (5.1 cm)
 RP40 2 1/2" (6.6 cm)

Dimensions

1.555 x 1.25 x 0.235 inches max (3.95 x 3.18 x 0.60 cm)

Key Fob Construction

Ultrasonically welded ABS Shell with TPE Insert

Operating Temperature

-50° to 160° F (-45° to 70° C)

Weight

0.14 oz (4.0g)

Memory Size/ Application Areas

2k bit (256 Byte) key – 2 application areas
 16k bit (2k Byte) key – 2 or 16 application areas
 32k bit (4k Byte) card – 16k bits in 2 or 16 application areas plus 16k bit user configurable.

HID Proximity 125 kHz

No

Contact Smart Chip Module Embeddable

No

Wiegand Stripe

No

Magnetic Stripe

No

Printable

No

Standard HID Artwork

Yes

Slot Punch

Key Ring Hole

Visual Security Options

N/A

Additional Security Options

Corporate 1000

Warranty

Lifetime

Options

Key Ring sold separately (Part Number: 57-0001-02)

External card numbering (inkjet or laser engraving).

*Dependent upon installation conditions. Tested using Rev "C" readers.

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For best results, please print on recycled paper.

MKT ICLASSKEY_DS_EN



ACCESS experience.

hidglobal.com

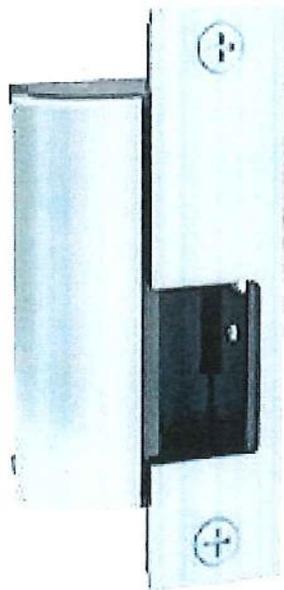
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The 1006 Series is also available in a Complete One Box Solution

1006 Series

The strongest, most versatile electric strike available

Shown with KM Option

The 1006 series is the strongest and most versatile electric strike available. The dual interlocking plunger design and heavy duty stainless steel construction, enables it to exceed every standard developed for electric strikes. With multiple faceplate options, the 1006 will fully accommodate every lock designed to work within an ANSI 4-7/8" strike plate. Tested to exceed 3,000 lbs. of static strength, 350 ft.-lbs. of dynamic strength and factory tested to exceed 1,000,000 cycles of operation, the 1006 is in a class of its own.

Specifications

- UL 10C fire-rated, 3 hour single door (fail secure only)
- UL 10C fire-rated, 1-1/2 hour double door (fail secure only)
- CAN4-S104(ULC-S104) fire door conformant
- ANSI A250.13-2003 windstorm listed
- UL 1034, burglary-resistant listed and suitable for outdoor use
- UL 294 (6th Edition) listed
- ANSI/BHMA A156.31, Grade 1
- NFPA-252 fire door conformant

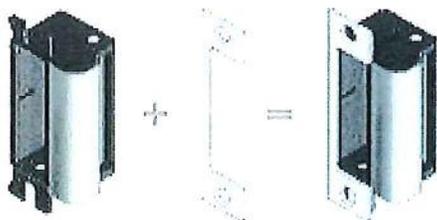
- ASTM-E152 fire door conformant
- MEA New York City accepted
- Florida Building Code approved FL#4776
- RoHS compliant
- Patents: 6,021,038 & 6,595,564

Frame Application

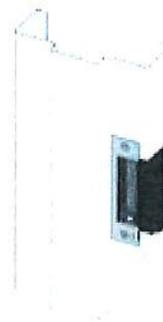
- Metal
- Wood

Electrical (continuous duty)

- .45 Amps @ 12VDC
- .25 Amps @ 24VDC
- PoE friendly



We offer several types of faceplate options to accommodate your application. For faceplate compatibility see pages 14-18.



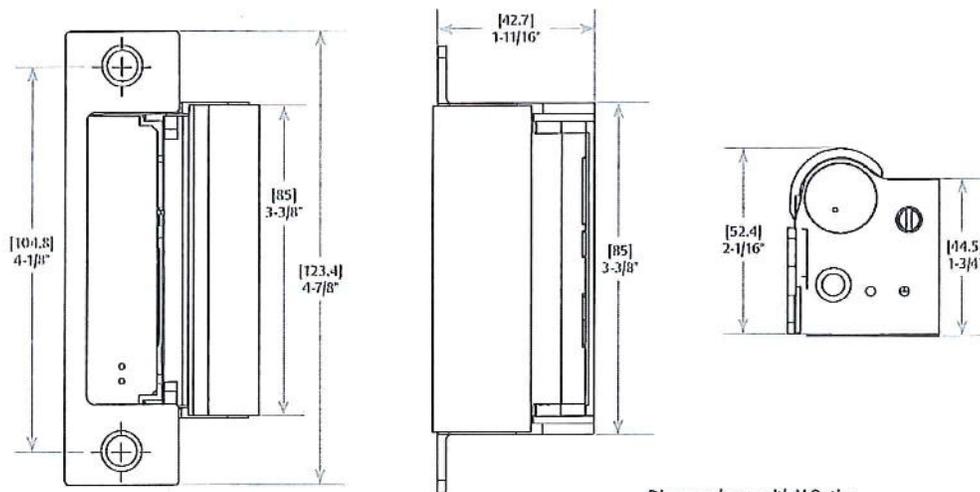


Diagram shown with N Option

Standard Features

- Stainless steel construction
- Tamper resistant
- Static strength 3,070 lbs. (fail secure)
- Dynamic strength 350 ft.-lbs. (fail secure)
- Endurance 1,000,000 cycles
- Fail secure (standard)
- Dual voltage 12VDC or 24VDC continuous duty
- Non-handed
- Internally mounted solenoid
- Accommodates up to 1" deadbolt
- Plug-in connector
- Full keeper shims for horizontal adjustment
- Trim enhancer
- Five-year limited warranty

Optional Features

- Fail Safe
 - LBM » Latchbolt monitor
 - LBSM » Latchbolt strike monitor
 - Interchangeable faceplates
- Monitor Switches may not work with all faceplate options (see pages 14-18)*

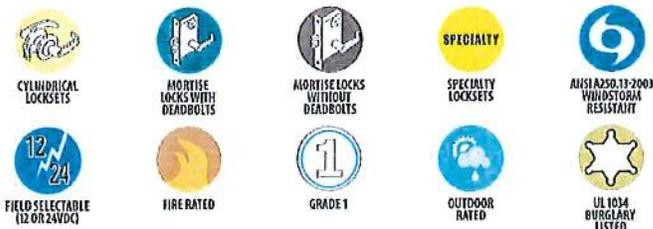
Accessories

- 1000-102 » Rain guard
- 1006-103 » Full keeper shims
- 1000-104 » Lip extension trim adapter
- 1006-105 » Trim enhancer BLK (goof plate)
- 1006-109 » Trim adapter
- 1000-110 » Replacement strike plate
- 1000-130 » KD filler plate

- 150 » Strike latch guard
- 154-MTK » Metal template kit
- 2004M » ElectroLynx® adapter
- 2005M3 » SMART Pac® III
- 2006M » Plug-in buzzer

Finishes

- 630 » Satin stainless steel
 - 605 » Bright brass
 - 606 » Satin brass
 - 612 » Satin bronze
 - 613 » Bronze toned
 - 629 » Bright stainless steel
 - BLK » Black
- *Complete Pacs are only available in the 630 finish*



Proposal

PURCHASER: Village of McFarland		PROJECT: Village of McFarland	
PO Box 110		Electronic Lock Access Project	
McFarland, WI 53558		McFarland, WI 53558	
PROPOSAL: A10286	DATE: 10-10-16	SYSTEMS: Access Control	PAGE 1 of 8

Protection Technologies, Inc., is pleased to provide this price quotation to furnish materials and technical labor for the Village of McFarland Electronic Lock Access Project. This Proposal is based on the project drawings and specifications are prepared by the Village of McFarland. The costs contained in this document are offered in the event the Village is not able to fully fund the complete project. In any case, the materials and software included herein are an extension of the Village's Open Options DNA Access Control System and will reuse existing hardware in the Library and the Lewis Park Shelter. A new DNA Access Control Client will be installed in the Library. Each department shall have its own control over its readers and cardholders with the McFarland Police having full access in the event of an emergency.

If awarded the project, PTI shall provide a complete hardware/software list to document the material and labor required for each phase (Priority) of the project.

PRIORITY ONE

All system engineering, shop drawings, record drawings, software, controls, power supplies, enclosures locking hardware and its installation, cable and its installation, 120VAC power, field device installation and terminations, permits, owner instruction and one (1) year warranty for those doors listed on the attachment as Priority 1: \$47,886.00

PRIORITY TWO

All system engineering, shop drawings, record drawings software, controls, power supplies, enclosures locking hardware and its installation, cable and its installation, 120VAC power, field device installation and terminations, permits, owner instruction and one (1) year warranty for those doors listed on the attachment as Priority 2: \$36,691.00

PRIORITY THREE

All system engineering, shop drawings, record drawings software, controls, power supplies, enclosures locking hardware and its installation, cable and its installation, 120VAC power, field device installation and terminations, permits, owner instruction and one (1) year warranty for those doors listed on the attachment as Priority 3: \$17,225.00

Proposal

PURCHASER: Village of McFarland	PROJECT: Village of McFarland
PO Box 110	Electronic Lock Access Project
McFarland, WI 53558	McFarland, WI 53558
PROPOSAL: A10286	DATE: 10-10-16
SYSTEMS: Access Control	PAGE 2 of 8

Notes:

1. Electrical permits, power, conduit, back panels and enclosure mounting, standard boxes and cable installation are by our Electrical Sub-Contractor and included.
2. This proposal includes freight and delivery.
3. Labor and any Warranty service are provided during PTI business hours. After- Hours Labor and Emergency Service is available at additional charge.
4. Village shall provide AutoCAD drawings for use by PTI in engineering and shop and record drawings.
5. **WI tax NOT included.**

Protection Technologies, Inc., proposes to furnish the above, SUBJECT TO THE TERMS AND CONDITIONS APPEARING HERE AND ON THE ATTACHED PAGES, for the sum of \$ 101,802.00 One Hundred One Thousand Eight Hundred Two Dollars
 Credit Card Payments: Accepted with additional 3% for processing fee.

Payment to be made as follows: progress payments, 2% 10, net 30 days no retainage
 THIS PROPOSAL DOES NOT INCLUDE INSTALLATION, INSTALLATION MATERIAL OR ANY LABOR OR SERVICES UNLESS SPECIFIED ABOVE. Any alteration or deviation from the above involving additional costs will be performed only following acceptance by Protection Technologies, Inc., of Purchaser's written order and will become an additional cost of Purchaser at Protection Technologies, Inc., then current charges therefor. This proposal may be withdrawn by Protection Technologies, Inc., if not accepted within 30 days from the date shown above.

Protection Technologies, Inc.,

By: ALLEN K. PECHMANN



Title: VP-SALES

ACCEPTANCE OF PROPOSAL - the prices, specifications, terms and conditions contained herein, are hereby accepted. Protection Technologies, Inc., is authorized to do the work as specified. Payment will be made as set forth above.

Purchaser: _____ Date: _____ Purchase Order #: _____

By: _____ Title: _____
(Authorized Signature)

TERMS AND CONDITIONS

1. LIENS. AS REQUIRED BY THE WISCONSIN CONSTRUCTION LIEN LAW, PROTECTION TECHNOLOGIES, INC. (PTI) HEREBY NOTIFIES CUSTOMER THAT PERSONS OR COMPANIES FURNISHING LABOR OR MATERIALS FOR THE CONSTRUCTION ON CUSTOMER'S LAND MAY HAVE LIEN RIGHTS ON CUSTOMER'S LAND AND BUILDINGS IF NOT PAID. THOSE ENTITLED TO LIEN RIGHTS, IN ADDITION TO PTI, ARE THOSE WHO CONTRACT DIRECTLY WITH CUSTOMER OR THOSE WHO GIVE CUSTOMER NOTICE WITHIN SIXTY (60) DAYS AFTER THEY FIRST FURNISH LABOR OR MATERIALS FOR THE CONSTRUCTION. ACCORDINGLY, CUSTOMER PROBABLY WILL RECEIVE NOTICES FROM THOSE WHO FURNISH LABOR OR MATERIALS FOR THE CONSTRUCTION, AND SHOULD GIVE A COPY OF EACH NOTICE RECEIVED TO CUSTOMER'S MORTGAGE LENDER, IF ANY. PTI AGREES TO COOPERATE WITH CUSTOMER AND CUSTOMER'S LENDER, IF ANY, TO SEE THAT ALL POTENTIAL LIEN CLAIMANTS ARE DULY PAID.

2. PAYMENT TERMS and DEFAULT. Any payment not made when due shall be subject to an additional interest service charge of 1.5% per month (18% per annum) until paid. For contracts for which the Work is for personal, family, household or agricultural purposes, any payment not made when due shall be subject to an additional interest service charge of 1.0% per month (12% per annum) until paid. For all contracts, if Customer fails to make any payment when due, Customer agrees to pay to PTI, in addition to the unpaid balance and interest, any and all expenses incurred in the collection of such sums, including all costs, disbursements, and attorney's fees. In addition to the foregoing, if Customer is or becomes insolvent or unable to pay its debts as they mature, or files or has filed against it a bankruptcy, insolvency or similar petition, or fails to pay any debt arising hereunder to PTI on time, or fails to operate in the normal course of business or dissolves or terminates its existence, PTI may, at its sole option, either: (a) terminate the Work at any time thereafter, and Customer shall thereupon pay for PTI for (i) the value of the labor and materials PTI provided prior to termination, including PTI's reasonable profit and overhead, and (ii) the value of raw materials or equipment ordered from others that cannot be cancelled without penalty, the value of work in process or equipment already fabricated that cannot be used elsewhere by PTI, and PTI's reasonable profit and overhead on such amounts; or (b) discontinue the Work until such time as the Customer has paid PTI in full for work performed, has agreed to pay PTI for any additional costs incurred because of such discontinuance, and upon such other terms or conditions as may be imposed by PTI to insure payment for the Work. In addition to the foregoing and to the extent the Work consists in whole or part of moveable equipment, PTI shall have the right to enter upon Customer's premises, with or without legal process, and repossesses the equipment with or without notice. **Customer agrees that PTI shall not be liable for, and Customer agrees to indemnify and hold PTI harmless from and against, any loss, damage and expense (including without limitation attorney's fees and costs of litigation) arising out of or related to PTI's exercise of its rights under this paragraph, including without limitation any direct, special, incidental or consequential damages, lost profits, any damage or loss to any structure or its contents, any damage or loss to any other property, or personal injury.**

3. DELIVERY, TITLE and RISK of LOSS. All shipments will be made F.O.B. shipping point McFarland, Wisconsin unless otherwise specified. Title to each item of Work shall pass to the Customer upon full payment therefor, but risk of loss shall pass to the Customer upon delivery by PTI to the carrier (regardless of whether payment has been made). All claims for loss or damage must be made by the Customer to the carrier. Claims for shortages or other errors must be made in writing to PTI within thirty (30) days after receipt of the shipment, and failure to give such notice shall mean unqualified acceptance by Customer.

4. RETURNS and ALLOWANCES. All cancellations, returns, allowances or adjustments must be authorized in advance and in writing by an authorized agent of PTI, and are subject to PTI's final review and approval. Non-warranty returns shall be subject to PTI's then current restocking and refurbishing (if required) charges. Non-warranty repairs shall be subject to PTI's then current charges therefore, including a minimum inspection charge. Customer shall pre-pay any applicable charges to return any items to PTI's office in McFarland, Wisconsin, and to ship any replacement or repaired items back to Customer.

5. DELAYS and IMPOSSIBILITY of PERFORMANCE. PTI shall not be liable to Customer for any damages, including but not limited to direct, special, incidental or consequential damages, that may result from a delay in completing or shipping the Work, however caused. If PTI is delayed at any time in the progress or shipment of the Work by changes ordered in the Work, by labor disputes, fire, unusual delays in transportation, unavoidable casualties, other causes beyond the PTI's control, or by any cause which reasonably justifies the delay, the times for completion and shipment, if any, shall be extended by the time PTI was so delayed. **PTI shall also not be liable to Customer for any loss or damage, including but not limited to direct, special, incidental or consequential damages, that may result from PTI's inability to perform or ship the Work due to conditions that make performance or shipment impossible or economically impractical, including but not limited to any of the causes for delays described above, any vendor's inability or refusal to perform, or unanticipated increases in the cost of materials.** In the event PTI's performance or shipment of the Work is delayed or PTI is unable to perform or ship the Work for any of the reasons stated above and such delay or inability to perform or ship continues for a period of sixty (60) days, either party may terminate this Contract upon ten (10) days= written notice by certified mail, return receipt requested. In the event either party terminates this Contract, Customer shall pay PTI for: (a) the value of the labor and materials PTI provided prior to termination, including PTI's reasonable profit and overhead; and (b) the value of raw materials or equipment ordered from others that cannot be cancelled without penalty, the value of work in process or equipment already fabricated that cannot be used elsewhere by PTI, and PTI's reasonable profit and overhead on such amounts.

6. UNANTICIPATED CONDITIONS. In the event concealed or unknown physical conditions are encountered during the performance of the Work that are different from those indicated by the Customer or different from those ordinarily found to exist, any additional costs due to such conditions shall be agreed upon by written change order prior to PTI incurring any additional costs. If the parties cannot agree on the amount PTI will receive due to such additional costs, either party may terminate this Contract upon ten (10) days= written notice by certified mail, return receipt requested. In the event either party terminates this Contract, Customer shall pay PTI for: (a) the value of the labor and materials PTI provided prior to termination, including PTI's reasonable profit and overhead; and (b) the value of raw materials or equipment ordered from others that cannot be cancelled without penalty, the value of work in process or equipment already fabricated that cannot be used elsewhere by PTI, and PTI's reasonable profit and overhead on such amounts.

7. TAXES and OTHER CHARGES. All sales, use, transfer, excise or similar taxes or duties that are levied or imposed by reason of the Work are in addition to the price of the Work, and the Customer assumes all responsibility for the payment thereof.

8. LIMITED WARRANTY. Unless an extended period is written into the Proposal, PTI warrants to Customer that PTI's labor will be free from defects for a period of one (1) year from the date the labor was performed and that any equipment manufactured by PTI will be free from defects for a period of one (1) year from the date the equipment was manufactured. **This limited warranty does not apply to any other materials or equipment utilized or installed by PTI in the performance of the Work. Such other materials or equipment are subject only to the warranties, if any, provided by the material or equipment manufacturers. The Customer's sole and exclusive remedy for any defects under this limited warranty shall be, at PTI's sole option, repair or replacement by PTI of the defective labor or equipment (with new or factory repaired or refurbished equipment comparable to original equipment) or the return of that portion of the purchase price represented by such defective labor or equipment. Except as otherwise expressly provided in this Proposal, PTI shall not be liable to Customer or any other person or entity for any other loss, damage or injury, including without limitation any direct, special, incidental or consequential damages, lost profits, any damage or loss to any structure or its contents, any damage or loss to any other property, or personal injury.** Customer shall promptly provide to PTI written notice of any alleged defect. PTI will repair or replace any defective labor or equipment covered by this limited warranty within 45 business days after actual receipt by PTI of a valid warranty claim by Customer. Unless the equipment is to be installed or maintained by PTI as part of this Proposal, all warranty repairs or replacements will be made at PTI's McFarland, Wisconsin facility or such other location as shall be specified by PTI, and transportation costs to such location shall be pre-paid by the Customer. Return shipping of repaired or replacement equipment will be paid by PTI. **THIS LIMITED WARRANTY IS THE COMPLETE AND FINAL EXPRESSION OF PTI'S WARRANTY OBLIGATIONS TO CUSTOMER, AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This limited warranty is void in case of equipment abuse, misuse, abnormal usage, faulty installation or repair by unauthorized persons, or connection to incompatible equipment.**

9. DESIGN SERVICES. If this Proposal provides for design services to be performed by PTI, Customer agrees that once the design specifications submitted by PTI have been approved either by Customer, Owner or Owner's representative, whichever shall first occur, PTI shall have no further responsibility regarding any additional design changes. Customer further agrees that upon inspections and testing having disclosed that PTI has met the requirements of the approved specifications or those requirements which are reasonably inferable from such approved specifications, PTI shall have no further or additional liability of any kind or nature regarding the design, function, or performance of the equipment or system.

10. MAINTENANCE and MONITORING SERVICES. If this Proposal provides for maintenance or monitoring services to be performed by PTI, Customer understands that PTI makes no warranties, either express or implied, that any maintenance or monitoring services furnished hereunder will avert or prevent occurrences or the consequences therefrom which the use of the equipment or system is intended to prevent.

11. INSPECTION and TESTING. If this Proposal provides for PTI to perform the final inspection and testing of equipment comprising a system concurrently being installed by PTI, PTI shall have no further responsibility of any kind or nature following the acceptance of such equipment or system by either the Customer, Owner or Owner's representative, whichever shall first occur, except where the equipment is otherwise covered by the terms of the limited warranty set forth in paragraph 8 above. If such equipment was not concurrently installed by PTI or is not equipment manufactured or supplied by PTI, PTI agrees only to perform such inspection and testing services in a good and workmanlike manner, and such inspection and testing services shall not be deemed to enlarge Protection Technologies responsibility or liability beyond the terms of the limited warranty in Paragraph 8 above, if applicable.

12. SOFTWARE LICENSE. Any computer or similar software, programming code, or data created or developed by PTI as part of the Work shall remain the sole and exclusive property of PTI, including without limitation all copyrights, trademarks, patents, trade secrets and any other proprietary rights inherent or appurtenant thereto (collectively "Software"). Such Software is furnished to Customer (or, if Customer is not the initial intended user, to the initial intended user) under a non-exclusive, non-transferable license for use of the Software solely in conjunction with the Work being purchased. PTI reserves for itself all rights in and to the Software not expressly granted to Customer or the initial intended user in the immediately preceding sentence. Neither Customer nor the initial intended user shall otherwise use the Software or sell, transfer, assign, disclose or otherwise make available the Software, either in whole or in part, in any form to any third party without PTI's express written consent. Any unauthorized use, sale, transfer, assignment, or disclosure shall automatically terminate the license, and Customer and/or the initial intended user shall immediately return to PTI the Software and any copies thereof. In addition to requiring return of the Software, PTI may seek any and all other available remedies, both at law and in equity.

13. LIMITATIONS ON LIABILITY. It is understood and agreed that PTI is not an insurer and that there is no guarantee that the Work will avert or prevent occurrences or the consequences thereof which the installation or use of the Work or any related equipment or systems are intended to prevent. It is understood and agreed that Customer shall obtain insurance, if desired, for any losses or damages that may occur. Accordingly, and because the payment to PTI for the Work bears no relationship to the value of the premises, any property located therein, or other risks of damage, loss or injury, it is agreed that PTI shall be liable only in the event and to the extent of a loss or damage to property or personal injury arising solely, directly and proximately from either the negligent performance or non-performance of the Work, and that such liability shall be limited to 40% of the amount of the charge for the Work. This limitation applies to all causes of action in the aggregate, including without limitation breach of contract, breach of warranty, negligence, strict liability, misrepresentations and other torts. Except as otherwise expressly provided in this Proposal, PTI shall have no other liability for any loss, damage or injury arising out of or related to the Work or otherwise, including without limitation any direct, special, consequential, exemplary, incidental or punitive damages even if PTI has been advised of the possibility of such damages and regardless of the cause of action, including without limitation breach of contract, breach of warranty, negligence, strict liability, misrepresentations and other torts. Customer may obtain an expansion of this limitation on liability, if desired, by payment of an additional amount according to the terms of an express written agreement of the parties.

14. ASSIGNMENT. Neither the Customer nor PTI shall assign its interest in this Proposal without the other's written consent.

15. GOVERNING LAW. This Proposal shall be governed by the laws of the State of Wisconsin.

16. SEVERABILITY. All of the provisions of this Agreement are severable. If any provision of this Agreement is prohibited or unenforceable by law or declared null and void by any court of competent jurisdiction, the remaining provisions will remain in full force and effect.

17. CONSTRUCTION. This Proposal shall be construed without regard to any presumption or rule requiring construction against the party causing the Proposal to be drafted.

18. NONWAIVER. PTI's failure to exercise any of its rights or remedies under this Proposal shall not act as a waiver of any such rights or remedies, and PTI shall continue to have the right to exercise such rights or remedies.

19. ENTIRE AGREEMENT. This Proposal constitutes the entire agreement between PTI and the Customer, and supersedes all prior oral or written statements, agreements, understandings or courses of dealing between the parties. The terms and conditions of this Proposal shall prevail notwithstanding any contrary or additional term or condition contained in, or any variance with, the terms and conditions of any purchase order, contract or similar document submitted by the Customer. No waiver, modification or amendment to the terms of this Proposal shall be binding unless specifically agreed to in writing by an authorized official of PTI.

PRIORITY 1

**Municipal Center
Comm Dev and Admin**

DOOR	DESCRIPTION	RDR	STRIKE	DPS	REX	Distance	Mortise	Notes
413	Comm Dev Entrance	1	1	1	1	175	Y	
411B	Comm Room	1	1	1	1	180	Y	
405	West Hall to Mail Room	1	1	1	1	125	Y	
402B	Conf Rm A to Work Area	1	1	1	1	125	Y	
105	Main Hallway to West Hallway	1	1	1	1	100	Y	

Fire/EMS

501A	Vehicle Bay to Training Rm Rear	1	1	1	1	95	Y	mudded
507B	South Kitchen	1	1	1	1	100	Y	mudded
508B	Vehicle Bay to Muster/Multi Use	1	1	1	1	105	Y	mudded

Police

314	Weapons Storage	1	0	1	1	75	Y	Strike in place
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Community Outreach

107	Exterior Door to Kitchen Hall	1	1	1	1	40	RIM	HES 9600
209	Main Entrance to Outreach/Cable	1	1	1	1	165	Y	

General Muni Center

115	Server Room	1	1	1	1	135	Y	
112	Mech/Electrical Room	1	1	1	1	35	Y	

Library

109	Exterior	1	1	0	0	125	Y	Mudded
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Public Works

113A	Main Entrance	1	1	1	1	100	N	Alum, needs Paddle, PO
104A	Recept. to Break Room	1	1	1	1	100	N	
106A	Shop to Admin South	1	1	1	1	100	N	
112A	Shop to Admin North	1	1	1	1	100	N	

PRIORITY 1 TOTALS

18	17	17	17	17	1980
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PRIORITY 2

Municipal Center

Fire/EMS

DOOR	DESCRIPTION	RDR	STRIKE	DPS	REX	Distance	Mortise	Notes
501B	Training Room Door 1	1	1	1	1	75	Y	
501C	Training Room Door 2	1	1	1	1	115	Y	
522B	Radio Tower Door	1	1	1	1	350	Y	mudded
526	Report Room	1	1	1	1	250		mudded
530	Storage Room	1	1	1	1	185		mudded

Police

325	Main Hall to South Entrance	1	1	1	1	145	Y	
326	Outer Evidence Room	1	1	1	1	135	Y	
305B	Interior Hall to Citizen Contact Room	1	1	1	1	60	Y	

Community Outreach

204	Cable Office	1	1	1	1	135	Y	
206	Cable Storeroom	1	1	1	1	130	Y	
205B	Community Room to Studio	1	1	1	1	125	Y	

General Muni Center

100	Janitor	1	1	1	1	140	Y	
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Public Works

100A	Exterior Shop Door 1	1	1	1	1	150	N	
100B	Exterior Shop Door 2	1	1	1	1	150	N	
100D	Exterior Shop Door 3	1	1	1	1	150	N	
100E	Exterior Shop Door 4	1	1	1	1	150	N	
102D	Exterior Shop Door 5	1	1	1	1	150	N	

PRIORITY 2 TOTALS

17 17 17 17 17 17 2595

PRIORITY 3

Municipal Center

Fire/EMS

422 Chief's Office
419 Inspector's Office

Police

303 Records Room
309 Chief's Office
330B Squad Room to Conference Room C

Library

127 Mechanical Room
108 Custodial Room

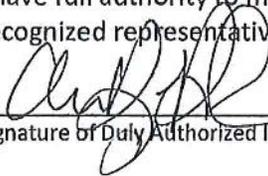
PRIORITY 3 TOTALS

DOOR	DESCRIPTION	RDR	STRIKE	DPS	REX	Distance	Mortise	Notes
422	Chief's Office	1	1	1	1	175	Y	
419	Inspector's Office	1	1	1	1	175	Y	
303	Records Room	1	1	1	1	65	Y	
309	Chief's Office	1	1	1	1	70	Y	
330B	Squad Room to Conference Room C	1	1	1	1	75	Y	
127	Mechanical Room	1	1	1	1	125	Y	
108	Custodial Room	1	1	1	1	60	Y	
PRIORITY 3 TOTALS		7	7	7	7	745		

**ATTACHMENT A
Door Lock Project
Tabulation Sheet
and Final Bid**

Village of McFarland Electronic Lock Access Project

I have full authority to make such statements and to submit this proposal as the duly recognized representative of the Proposer.



Signature of Duly Authorized Individual

October 10, 2016
Date

Printed Name: Allen K. Pechmann
Title: President - Owner
Address: 2821 Dairy Drive Ste. 5 Madison, WI 53718
Phone Number: 608.838.8208
Email Address: al.pechmann@protection-technologies.com

Final Bid: \$ 101,802.00 One Hundred One Thousand Eight Hundred Two Dollars

ATTACHMENT C
Village of McFarland
Electronic Lock Access
Project Addendum
Sheet

(If Addendums exist for this project, please sign, date, and submit with Proposal.)

The undersigned acknowledges receipt of the following addenda:

Addendum #1 Revised Attachment A Initials _____

Addendum #2 _____ Initials _____

Addendum #3 _____ Initials _____

Addendum #4 _____ Initials _____

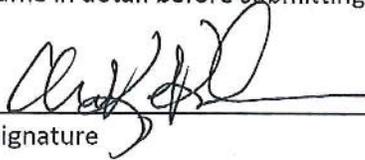
Addendum #5 _____ Initials _____

The undersigned agrees with the following statement:

I have examined and carefully prepared the response to proposal from the plans and specifications and have checked the same in detail before submitting to the Village of McFarland.

Name Allen K. Pechmann

Signature



Date October 10, 2016

All vendors are responsible to check for addenda, posted on the Village website at Village www.mcfarland.wi.us, for this project prior to the due date. No notification will be sent if addenda are posted unless there is an addendum within two (2) business days of RFP due date.

All vendors receiving initial notification of project will be notified by the Village of McFarland of all addenda issued within two (2) business days prior to due date. If a RFP has already been submitted, vendor is required to acknowledge receipt of addendum via fax or e-mail prior to due date. A new RFP response must be submitted by vendor if addendum affects costs.

Vendors that do not have internet access are responsible to contact the Village of McFarland at (608) 838-3153 to ensure receipt of addenda issued. RFPs that do not acknowledge addendums may be rejected.

All RFPs submitted shall be sealed. Envelopes are to be clearly marked with required information. Sealed RFPs that are opened by mistake due to inadequate markings on the