



Agenda

Village of Arlington Heights
Foreign Fire Insurance Tax Board
Fire Station 2, Conference Room
Arlington Heights Fire Department
Administrative Headquarters
1150 N. Arlington Heights Road
Arlington Heights, IL 60004
March 9, 2018
9:00 AM

I. CALL TO ORDER

II. ROLL CALL

III. APPROVAL OF MINUTES

- A. Approval of Minutes - December 7, 2017 meeting

IV. REPORTS

- A. Treasurer's Report

V. OLD BUSINESS

- A. Education reimbursement requests
- B. Fitness equipment
- C. Athletic shoes
- D. Fire Department Instructors Conference
- E. EMS equipment

VI. NEW BUSINESS

- A. Election of officers
- B. EMS equipment
- C. Fitness
- D. Fitness equipment
- E. Station alerting
- F. Fire equipment
- G. Stations - Internet access

VII. OTHER BUSINESS

VIII. ADJOURNMENT

Persons with disabilities requiring auxiliary aids or services, such as an American Sign Language interpreter or written materials in accessible formats, should contact David Robb, Disability Services Coordinator, at 33 S. Arlington Heights Road, Arlington Heights, Illinois 60005, (847)368-5793 (Voice), (847)368-5980 (Fax) or drobb@vah.com.



Item: Approval of Minutes

Department: Fire

ATTACHMENTS:

Description

Minutes - December 7, 2017

Type

Agreement

FOREIGN FIRE INSURANCE TAX BOARD

Minutes of Meeting
1150 N. Arlington Heights Road
Arlington Heights, IL 60004
December 7, 2017

Board Members

in Attendance: James Stempien
Ken Koeppen
Mike Schubert
Kevin Flynn
Martin Moran

Not in

Attendance: Ross Chapman
Rob Losik

Guests: Andrew Hansen, AHFD
Ed Fee, Physio-Control/Stryker

Jim Stempien called the meeting to order at 9:08 A.M.

REVIEW OF MINUTES: Minutes of the October 20, 2017 regular meeting were reviewed. Ken Koeppen made a motion to approve; seconded by Jim Stempien; all voted in favor; motion carried.

TREASURER'S REPORT: Marty Moran reported that the current fund balance is \$481,568. Ken Koeppen made a motion to approve the Treasurer's Report; seconded by Jim Stempien; all voted in favor; motion carried.

To accommodate guests Andrew Hansen and Ed Fee, an item of New Business was considered prior to opening Old Business for discussion.

NEW BUSINESS

1. EMS Equipment - LUCAS Chest Compression System. Firefighter Andrew Hansen (the AHFD representative on the Northwest Community Emergency Medical Services System [NWCEMSS] Research and Development Committee) and Ed Fee of Physio-Control brought a demo of the LUCAS Chest Compression System. Drew reports that Schaumburg has been using the device for about a year, and they have about 50-60 cardiac arrest calls a year. Their ROSC (return of spontaneous circulation) has been a little bit better with the device. Drew said Orange County, Florida put the device on all 50 of their ambulances. Ed Fee said that the Central DuPage system is also using the device and he has had positive feedback from them. The advantage of going with the Physio-Control brand is that the device would be compatible with our other equipment; the devices can communicate. The device performs as well as CPR performed by our best providers, but it can go on indefinitely. It would be utilized after the first or second round of manual CPR when it's clear a sustained arrest is occurring. The patient can be put on the device in about six seconds. We have about 60-70 arrests per year, with ROSC in about 48-50.

Drew feels the system will not only positively affect patient outcome, but will benefit our crews greatly. It can free up their hands and minds to work on other aspects of the patient's needs. It could also be a good public education tool. The device can remain on the patient following transport while the patient, for instance, is taken to the cath lab in the hospital. The device is system-approved by Northwest Community. Also, as directed by our SOGs, CPR in a moving vehicle should be avoided. This device would overcome that obstacle; crews will be safer on the way to the hospital. SOPs also call for 30 minutes of CPR; we are sometimes in situations in excess of 40 minutes. The LUCAS system can perform for an hour with a full battery. The device can be used on almost all adults; there is the rare exception where someone is too heavy (typically a very large muscular person; less of an issue on obese patients) or too small for the device, and the device will signal that it cannot be used in those instances. Schaumburg reports using it on a patient of 420 pounds without a problem. It can typically be used for children 13 and above but sometimes also with younger children (there were only six pediatric arrests last year in the entire Northwest Community EMS system).

When asked about injuries from the device, Ed Fee said there are over 12,000 of the systems in use in the U.S., and the FDA has no reports of trauma caused by the device.

Drew said another advantage of using the Physio-Control brand is that in June of 2018 we will be required to use a data extraction tool, and this device would give us the data we need.

We anticipate using the device on the two squads, which typically stay in town and could respond to whatever district needs the device.

The weight of the device, in the case and fully loaded with an extra battery, is 27 pounds.

Chief Koeppen asked about the expected life of the device, and Ed Fee said that with proper maintenance (particularly having the piston calibrated and lubricated every year) it could last for a decade.

The question was raised as to what happens if the CPR protocol changes, e.g., the recommendation changes up or down from 100 compressions a minute. Ed Fee said the device has Wi-Fi capability for software updates.

The device comes with a one-year warranty; additional years of warranty can be purchased. Physio-Control provides as much training as required. EMS Division Chief Rick Manthy does not have any funds in the budget for this purchase at this time.

Chief Koeppen made a motion to approve a not-to-exceed amount of \$42,000 for the purchase of two LUCAS 3.0 Chest Compression Systems with two desk-top battery chargers, four rechargeable LiPo batteries, and four years of additional warranty protection. Marty Moran seconded the motion. Roll was called with:

Ayes: K. Koeppen, K. Flynn, M. Moran, J. Stempien, M. Schubert

Nays: None

Ayes 5; Nays 0

Motion carried.

OLD BUSINESS

1. Education reimbursement requests. Marty Moran reports that Pete Newman and Chris Rymut have submitted requests for pre-approved classes. Also, Al Zloza has asked about a NAEMSE Level 1 instructor class. Following a discussion, the Board decided to table the requests until the next meeting to allow time to discuss them with EMS Division Chief Rick Manthy and get more information from Al Zloza about the class and the benefit to the Department.

2. Fitness equipment – At a prior meeting, the Board approved up to \$4,000 for the purchase of dumbbells for Station 1. Only \$1,410 was spent; have not arrived yet.

Two new treadmills were delivered and set up yesterday for Station 2. The trial demo model is still there.

Ross Chapman is getting pricing on weight plates. He will be asked to get a quote for all four stations for uniform plates.

NEW BUSINESS (return to)

2. EMS Equipment – Ferno stair chair. Mike Schubert has done some research on the Ferno EZ-Glide with Powertraxx motorized stair chair. The unit can go up or down. Two demo models will be coming which we can use for a period of time. Mike will discuss the chair and NWCEMSS approval with EMS Division Chief Rick Manthy. He will also see if Stryker makes one. An estimate of the cost would be about \$6,300 each.

3. Fitness Equipment – The weight bench at Station 1 is broken. Jim Stempien made a motion to approve a not-to exceed amount of \$1,500 for two new full-range weight benches at Station 1; Marty Moran seconded. Roll was called with:

Ayes: K. Koeppen, K. Flynn, M. Moran, J. Stempien, M. Schubert

Nays: None

Ayes 5; Nays 0

Motion carried.

4. Election Results – The Board reviewed the results of the recent election. There were a total of 52 ballots received by the Village Clerk for the Office of Trustee, 50 of them valid (one submission was received past the deadline and the ballot envelope in the other was empty).

The following persons received the number of votes indicated and were declared elected to a four-year term on the Foreign Fire Insurance Tax Board:

Kevin Flynn	48
Martin Moran	41
Michael Schubert	41

Others receiving votes: Thomas House – 12; Dwayne Wood – 9.

5. **Functional Movement Screening** – Chief Koeppen told the Board he has been partnering with Human Resources on the FMS (Functional Movement Screening) program, with nine personnel volunteering to learn the program and teach it to others. Jim Stempien made a motion to approve \$5,000 for the Functional Movement Screening program; seconded by Kevin Flynn. Roll was called with:

Ayes: K. Koeppen, K. Flynn, M. Moran, J. Stempien, M. Schubert

Nays: None

Ayes 5; Nays 0

Motion carried.

6. **FDIC** – Mike Schubert said three rooms have been put on hold at the Embassy Suites for the week of the Fire Department Instructors Conference. Jim Stempien will send out an email to all personnel on the subject.

7. **Athletic shoes** – The Board discussed its regular purchase of athletic shoes for all members of the Department. Ross Chapman will handle the purchase; we will use Runners High and Tri in Arlington Heights again.

Kevin Flynn made a motion to approve a not-to-exceed amount of \$13,000 for athletic shoes for all members of the Fire Department; Mike Schubert seconded. Roll was called with:

Ayes: K. Koeppen, K. Flynn, M. Moran, J. Stempien, M. Schubert

Nays: None

Ayes 5; Nays 0

Motion carried.

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There being no further business brought before the Board, Chief Koeppen made a motion to adjourn the meeting at 10:16 A.M.; Jim Stempien seconded; all voted in favor; motion carried.