Appendix C:

Supplemental Supporting Documents

7440 Market St., Boardman, Ohio 44512 (330) 726-4199 FAX (330) 726-4195

FIRE DEPARTMENT

Mark A. Pitzer, Chief

EMS Costs

Personnel:

The current Collective Bargaining Agreement identifies the wage scale of our firefighters. We referred to the wage scale as the starting point for wages. Refer to these wage amounts in the CBA. We also looked at certification based pay on top of this wage scale. The cost of hiring a Firefighter/EMT in the fire department is \$6,300.00.

12 FF/EMT = \$75,600.00

Purchase and equip an Ambulance:

Type III Ambulance would be the preferred choice. Type III's are the middle of the road size ambulances. The smaller van style is not very conducive when treating any type of trauma, cardiac, arrest, or SOB patient when multiple EMS providers must work together on a patient. The larger International or Freightliner style ambulance, although big and nice with a lot of working room, I feel is a little too big for our community.

Type III Quotes:

Braun Signature Series 150" box, Ford E350:	\$140,776.00
Braun Signature Series 150" box, F350 4x4:	\$167,757.00
Medix 153", Ford E350:	\$123,235.00
Medix 153", F450 4x4:	\$148,765.00
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Osage Type III Warrior E350:	\$118,942.00
Osage Type III S-Warrior E450:	\$128,503.00
Obage Type III b Walliof D 150.	Ψ120,505.00

There are many different options. These are base prices and include a regular cot.

To equip an ambulance with supplies: \$16,977.08

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New cardiac monitor ranging from \$35,000.00 a piece or refurbished units starting at \$16,000.00.

Mobile and Portable Radios for each unit: Motorola Radios - \$8,000.00

Insurance for the ambulances was estimated at \$1,000 per unit as provided by Cailor-Fleming.

All of the companies stated there are finance options out there that allow initial payment to be deferred 6-12 months. So, essentially we could get up and running generating revenue prior to making any loan/lease payments. Also may be able to roll in the cost of a monitor into the loan/lease payment.

Billing:

There are several private billing companies; most charge a percentage fee per billable incident at 6-8%. One company charges a flat rate of \$40.00 per billable incident.

\$560.00 application fee for Medicaid

Ohio Billing:

\$795.00 * one time start-up fee

\$100.00 Monthly maintenance fee (if applicable)

\$40.00 billing fee per incident

Medicount:

Fees based on setting up with insurance companies etc.

No monthly fee

8% billing fee per incident

*Medicount did give a rough estimate of \$275.00

reimbursement to twp. (lower end)

Quest Advantage:

\$495.00 *one time start-up fee

No monthly fee

7% billing fee per incident

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Dispatch:

I will rely on information from the Police Chief regarding capabilities involving dispatch and EMD. Due to EMD requirements, it will be necessary to add additional dispatch personnel. Attached is also a report generated from our reporting system on peak call times for 2018 by hour.

Liability Insurance:

The Township carries liability insurance for our personnel as we currently respond to EMS calls. It is a million dollar malpractice rider and Cailor-Fleming stated there would be a small increase in the amount of \$1,487.03.

Reporting:

Last year our department purchased new reporting software that encompasses both Fire and EMS reporting. This reporting system is already set up to report to billing companies and the State of Ohio.

Protocol:

The Fire Department has Protocol through Trumbull Memorial Hospital for all levels of EMS Providers. The fire Department also has Drug License for the State of Ohio through the Board of Pharmacy for all 3 fire stations.

Training and Education/CE:

We currently provide continuing education for all our EMTs and Medics. We have monthly medical training provided by TMH, free of charge. We also have partnered with Canfield Fire to provide bi-annual Paramedic refresher courses.

Currently we have usable staff of: 11 Paramedics, 2 EMT-A, and 15 EMTs.

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"Skates" and Part-Time Considerations:

The option of placing current staff on "skates", meaning bouncing from the fire truck to the ambulance, was discussed at length. The Committee determined that is not a viable option in Boardman as the amount of calls occurring simultaneously would greatly reduce fire protection response. On average, over 35% of emergency calls overlap requiring multiple units to engage. This average of 31 times a month where 3 or more calls are occurring simultaneously puts the Township at the risk of having no fire apparatus available. Boardman Fire apparatus have equipment to address numerous non-ems situations such as: structure fires, carbon monoxide calls, gas leaks, vehicle accidents, fire alarms, vehicle fires, dumpster fires, brush fires, and entrapment. The Committee determined that reducing fire protection services for EMS would put the community at a risk. The concept of "Skating" firefighters may be a viable options in a smaller or more rural community, but due to amount of residential, commercial, and commerce in Boardman Township the committee does not recommend this as a viable option.

The Committee also reviewed options of supplementing full-time staff with part-time staff. Although the cost savings with not having to provide a full fringe benefits package to the part-time staff would reduce cost, the number of part-time Firefighters with all the credentials would be enough of an hindrance that there would be no way to guarantee a 3 EMS unit response. For ever full-time firefighter used to fill a spot on one of the EMS crews you would need 3 or more part-time employees. All part-time personnel would still need to meet all the requirements and be provided the same equipment as a full-time firefighter. A complete set of turn-out gear would be issued and with the training investment, funding becomes disposable as it is believed that most part-time positions would be short-term positions. It was discovered that a neighboring department has had many issues related part-time staffing to the point where a lack of coverage from call-offs closed a fire station. There would be a need for a large part-time pool of personnel to cover a 24-7 operation to the point where it just becomes inefficient. Discussing this issues at length, the Committee would not recommend relying on part-time employees to staff or supplement an EMS service.