

# Key Largo EMS - FY 2012 Volunteer Reimbursement Calculations

## Volunteer Reimbursement Calculations:

### Shift Info (regular):

# EMT's per Shift = 2

# hours per shift = 12

# shifts per day = 4 ( two people per 12 hour shift)

# hours per day = 48 (four 12-hour shifts)

# shifts per year = 4 (shift per day) x 366 (days) = 1464 (12-hour shifts per year- plus one day for leap-year)

# hours per year = 1464 (shifts per leap-year) X 12 (hours per shift) = 17,568 (hours per leap-year)

### Holiday Coverage:

Include cost for one additional EMT for back-up truck staffing for three-day Holiday Weekend.

# Holidays per year needing additional staffing = 6 Holidays (New Years, Memorial Day, Independence Day, Labor Day, Thanksgiving, & Christmas)

# Holiday shifts per year (6 {holidays} X 3 {days per holiday weekend} x 2 {12-hour shift per day}) = 36 (holiday shifts per year)

# Holiday shifts per year = 36

# Holiday hours per year = 36 (shifts) X 12 (hours per shift) = 432 (hours per year)

### Overtime Hours:

When an EMT runs four or more shifts in one week (Sunday thru Saturday) they are entitled to overtime pay rate.

Average number of times in FY2011 (May 2010 - May 2011 = 14 times) that an EMT ran more than three shifts in a week = 1.16 a month X 12 months =

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# OT shifts per year = 14

# OT hours per year = 14 (shifts) x 12 (hours per shift) = 168 (OT hours per year)

# extra hours paid per year for OT = 0.5 (half-time additional pay) X 168 hours = 84 (additional hours needed to cover pay for OT hours worked since reg

### Annual Values:

# Shifts per year = 1464 (regular shift for leap-year) + 36 (Holiday shifts) = 1500 (shift per year {14 of which are OT shifts})

# shift hours per year = 17,568 (hours per leap-year) + 432 (Holiday hours per year) + 84 (equivalent hours to compensate for OT hours = 168 per year) :

# Shifts Per Year = 1500 shifts

# Shift Hours paid at regular rate including OT adjustments = 18,084 hours

Minimum Wage = \$7.31 (as of June 1, 2011)

**Cost for volunteer hours = 18,084 hours X \$7.31 per hour = \$132,194**

### Additional Position Amounts:

EMT Supervisor = \$250 per month X 12 months = \$3,000 per year

President = \$250 per month x 12 months = \$3,000 per year

Chief = \$250 per month X 12 months = \$3,000 per year

Infection Control Officer = \$150 per month X 12 months = \$1,800 per year

Auxillary Member Pay (Wendy Carlisle - hospital billing clerk) = \$150 per month X 12 Months = \$1800 per year

Officer Position (new) at \$150 per month = \$1,800

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Secretary (Pam Johnson) = \$150 per month X 12 months = \$1,800 per year

Board members (6 people excluding President) at \$100 per month each = \$7,200

EMT's get an additional \$20 per month @ 14 EMT's per month avg. (May 2010 - May 2011 avg.) = \$20 for EMT cert. X 14 EMT's X 12 months = \$3,360

Medics get an additional \$40 per month @ 13 Medics per month avg. (May 2010 - May 2011 avg.) = \$40 for Medic cert. X 13 EMT's X 12 months = \$6,120

**Total amount for additional positions = \$33,000 per year**

**Total for Volunteer Reimbursement (pre-taxes) = \$132,194 (hours) + \$33,000 (additional positions) = \$165,194 per year (leap-year)**

**Employer Taxes on Volunteer Reimbursement (minimum wage) = 7.65% of \$165,194 = \$12,637 per year**

### Volunteer Reimbursement based on Shifts instead of Minimum Hourly Wage Pay:

Total shifts for year = 1,500

Reimbursement cost for 1,500 shifts at \$80 per shift = \$120,000 per year

Additional position costs = \$33,000 per year

**Total Cost for Shift Pay = \$120,000 (shift pay) plus \$33,000 (additional position costs) = \$153,000**

**Employer Taxes on Volunteer Reimbursement (shift basis) = 7.65% of \$153,000 = \$11,705 per year**

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- 14 overtime shifts per year)

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Regular hours are included above)

= 18,084 (hours at regular pay per year)

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per year

240 per year