

Response to
Request for Proposal



**Key West Fire Department
EMS Medical Director
RFP No. 03-015**

Michael T. McGrath MD FAAEM EMT-P
822 Carsten Lane
Key West, Florida 33040
614.477.7991
doctormikemd@gmail.com

TAB I

COVER LETTER

October 2, 2014

Sue Snider
Purchasing Agent
City of Key West
3126 Flagler Ave
Key West, FL 33040

Dear Ms. Snider:

I am pleased to present the City of Key West with my response to the Key West Fire Department (KWFD) Emergency Medical Service (EMS) Medical Director Request for Proposal (RFP) #03-015.

Let me begin by commending the City of Key West for taking the bold and progressive action of taking over the EMS system from a commercial, for-profit provider. My name is Dr. Michael McGrath, and I am a board certified emergency physician licensed in the State of Florida. As I live and work in Key West, I have a vested interest in having highly skilled and motivated EMS providers available for the safety of my family, friends, and neighbors.

My State of Florida medical license number is ME114734, and my DEA license number is FM3774785. I will serve as the primary contact for all RFP-related communications, including any requests for clarification. My contact information is as follows:

Michael T. McGrath MD FAAEM EMT-P
822 Carsten Lane
Key West, Florida 33040
614.477.7991
doctormikeMD@gmail.com

As instructed, I have provided one (1) original copy of the proposal as well as two (2) electronic copies in PDF format on flash drives.

I make the following certifications and guarantees regarding this proposal:

- Michael T. McGrath MD (MTMMD) will accept any awards as a result of this RFP.
- MTMMD will comply with all contract terms and conditions as indicated in this RFP.
- No attempt has been made or will be made by MTMMD to induce any other person or firm to submit or not submit a proposal.
- MTMMD shall provide benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses.
- MTMMD's proposal is predicated upon:
 - The RFP published on September 7, 2014;
 - Addendum No. 1 received on September 26, 2014.

- MTMMD will not be using any subcontractors in the provision of services contained in this bid proposal.
- MTMMD acknowledges and accepts all terms and conditions stated in the RFP.

The takeover of the EMS system by the Key West Fire Department is an exciting venture, and I am honored to be given the opportunity to submit a proposal to be the Fire Department's first EMS Medical Director. I was first exposed to the world of EMS over 26 years ago, and have never looked back. As a former professional firefighter and paramedic, I believe I possess a unique understanding of not only the challenges that EMS providers face on a daily basis, but also how those challenges can be overcome through teamwork and dedication. Since graduating medical school I have continued to stay actively involved in the EMS community in a variety of roles, including providing EMS medical direction on scenes, in stadiums, and even from the air. As you read through this proposal you will see that my credentials far exceed the minimum requirements set forth in your RFP.

The path ahead will be difficult and trying at times, but together I believe we can build an organization that will be among the most progressive in the nation. But even more importantly, the highly skilled women and men of the Key West Fire Department will have the opportunity to truly have a positive impact on the lives of our citizens and visitors alike.

If my proposal is accepted, I will carry out all contract responsibilities in a highly professional and courteous manner. Please contact me should you have any questions or need additional information.

Sincerely,



Michael T. McGrath MD FAAEM EMT-P

TAB II

MEDICAL QUALIFICATIONS
AND
RELEVANT EXPERIENCE

MEDICAL QUALIFICATIONS AND RELEVANT EXPERIENCE

1. Currently licensed and practicing in the State of Florida as a M.D. or D.O. for at least two (2) years.

Doctor McGrath has been licensed as a M.D. since 2007, and his current Florida license was just renewed and expires January 31, 2017. He has full staff privileges and practices emergency medicine at the Lower Keys Medical Center in Key West, along with Fisherman's Hospital in Marathon, FL. Dr. McGrath is a full time resident of Key West.

2. The proposer must have the ability to prescribe medications, including controlled substances, in the State of Florida, pursuant to the provisions of Chapters 458, 499, and 893 of the Florida Statutes.

Dr. McGrath holds a Florida DEA license that allows the prescribing of all medically useful controlled substances (Schedule II-V). There are no restrictions on his Florida medical license regarding the prescribing of non-controlled or controlled substances.

3. The proposer shall be active in a broad based clinical medical specialty with demonstrated experience in pre-hospital care.

Please see #4 below.

4. Broad knowledge base of pre-hospital and hospital emergency medicine and/or emergency surgery. Pre hospital care experience shall be provided by the proposer.

Dr. McGrath first became involved with EMS in 1988, and became a licensed paramedic in 1992. In 1994 he became a full-time professional firefighter with the City of Hartford, Connecticut. He was promoted to Ladder Driver in 1998 and Lieutenant in 1999. During his subsequent years he was assigned to the training division, where he oversaw the medical training of firefighters and recruits as a state certified EMS Instructor, Basic Life Support Instructor, and Advanced Cardiac Life Support Instructor. During this time he coordinated the EMS and fire department coverage of numerous large scale outdoor events, such as the Dave Matthews concerts and multiple street festivals and parades. He also coordinated and responded with a large HFD mutual aid contingent to the World Trade Center disaster site on September 11, 2001. He continues to be involved with the World Trade Center Health Registry.

After medical school Dr. McGrath became a Command Physician with City of Pittsburgh Bureau of EMS, during which time he logged over 200 scene responses, along with participating in the training and continuous quality improvement (CQI) process for the Pittsburgh Paramedics. He also served as a Stadium Physician for the Pittsburgh Steelers and Pittsburgh Penguins, a Flight Physician with the Stat MedEvac helicopter program, and was the Assistant Medical Director of Munhall (PA) EMS.

Dr. McGrath is board certified in emergency medicine by the American Board of Emergency Medicine (ABEM) through December 31, 2022. He is a full-time practicing emergency medical physician, and also holds an academic appointment as an Assistant Professor of Emergency Medicine at the Boonshoft School of Medicine at Wright State University, instructing military and civilian emergency medicine residents along with medical and paramedic students. He is also a Fellow with the American Academy of Emergency Medicine, and belongs to the National Association of EMS Physicians (NAEMSP). He has completed the NAEMSP EMS Medical Directors Course, along with the Ohio Chapter of the American College of Emergency Medicine's EMS Medical Directors Course. Dr. McGrath holds undergraduate degrees in public policy and economics.

5. The proposer is preferred to be Board Certified in Emergency Medicine or the American Board of Osteopathic Emergency Physicians for at least two (2) years.

Dr. McGrath is board certified in emergency medicine by the American Board of Emergency Medicine (ABEM) through December 31, 2022.

6. Within six (6) months of contract signing, the proposer must provide both Advanced Cardiac Life Support (ACLS) instruction and Advanced Trauma Life Support (ATLS) instruction.

Dr. McGrath has already achieved certification in Advanced Cardiac Life Support (ACLS) and Advanced Trauma Life Support (ATLS). He is also certified as a provider and instructor in Advanced Hazardous Materials Life Support (AHLS).

7. The proposer must be certified as a provider in Basic Trauma Life Support (BTLS) and/or Pre-hospital Trauma Life Support (PHTLS), and be certified in Pediatric Advanced Life Support (PALS).

Dr. McGrath is currently certified in Advanced Trauma Life Support (ATLS), which fulfills this requirement as per Addendum No.1. He is also currently certified in Pediatric Advanced Life Support (PALS).

8. It is preferred that the proposer possesses expertise in ACLS, BTLS and/or PHTLS, and PALS.

Dr. McGrath has been continuously certified in ACLS and PALS since 1991. He has been continuously certified in ATLS since 2007. Further, as a board certified emergency physician (ABEM), his training and clinical expertise in pediatric, trauma, neurological, and cardiac resuscitation far exceed the standards set forth in ACLS.

Michael T. McGrath, MD FAAEM EMT-P

822 Carsten Lane • Key West, Florida 33040 • 614-477-7991 • doctormikemd@gmail.com

EDUCATION

Emergency Medicine Residency; University of Pittsburgh , Pittsburgh, PA	2007 – 2010
Doctor of Medicine; University of Rochester School of Medicine , Rochester, NY	2003 – 2007
Post-Baccalaureate Premedical Program; Johns Hopkins University , Baltimore, MD	2002 – 2003
B.A. in Economics and Public Policy; Trinity College , Hartford, CT	1995 – 1999
Paramedic Certificate Program; Capitol College , Hartford, CT	1991 – 1992

PROFESSIONAL EXPERIENCE

Emergency Attending Physician; Lower Keys Medical Center , Key West, FL	2013 –
Emergency Attending Physician; Fisherman's Hospital , Marathon, FL	2013 –
Emergency Attending Physician; Good Samaritan Hospital , Dayton, OH	2012 –
Medical Command Physician; City of Pittsburgh Bureau of EMS , Pittsburgh, PA	2008 – 2010
Assistant Medical Director; Munhall EMS , Munhall, PA	2008 – 2010
Flight Physician; STAT MedEvac , West Mifflin, PA	2008 – 2010
Lieutenant; City of Hartford Fire Department , Hartford, CT	1994 – 2002
Fire and Emergency Medical Services Instructor; State of Connecticut	1994 – 2002
Paramedic; Hunter's Ambulance , Meriden, CT	1992 – 1998

ACADEMIC APPOINTMENTS

Assistant Professor of Emergency Medicine; Boonshoft School of Medicine, Wright State University , Dayton, OH	2012 –
--	--------

PREVIOUS CLINICAL APPOINTMENTS

Emergency Attending Physician; Genesis Healthcare , Zanesville, OH	2010 – 2012
Emergency Staff Physician; Uniontown Memorial Hospital , Uniontown, PA	2009 – 2010
Emergency Staff Physician; The Washington Hospital , Washington, PA	2009 – 2010

LICENSES AND CERTIFICATIONS

- Diplomate, American Board of Emergency Medicine
- Fellow, American Academy of Emergency Medicine
- National Association of EMS Physicians EMS Medical Director Certification
- Ohio ACEP EMS Medical Director Certification
- Pennsylvania Medical Command Physician Certification
- Fire Service Instructor II, State of Connecticut
- Paramedic, State of Connecticut
- Advanced Cardiac Life Support Provider
- Advanced Trauma Life Support Provider
- Pediatric Advanced Life Support Provider

MEMBERSHIPS IN ACADEMIC AND PROFESSIONAL ORGANIZATIONS

- American Academy of Emergency Medicine
- American Board of Emergency Medicine
- Diver's Alert Network
- Florida Association of EMS Medical Directors
- Florida Chapter, American Academy of Emergency Medicine
- National Association of EMTs
- National Association of EMS Physicians
- Phi Beta Kappa
- Pi Gamma Mu
- World Trade Center Health Registry

HONORS AND AWARDS

- SAEM Medical Student Excellence in Emergency Medicine Award
- *Phi Beta Kappa* honor society member
- *Pi Gamma Mu* honor society member
- General Honors in Scholarship (top 3% of class), Trinity College
- Departmental honors in Public Policy, Trinity College
- Faculty honors, Trinity College, 1997, 1998, and 1999

RESEARCH ACTIVITIES

McGrath MT, Hosittler D, "Hyperthermia-induced Coagulopathy as a Possible Cause of Delayed ACS in Firefighters after Sustained Heat Exposure," 2011.

McGrath MT, Pizon A, "Mitigation of Pump Failure Induced Baclofen Withdrawal with Intrathecal Baclofen Injections." Case Report. 2010.

McGrath MT, Shah M, et al., "Urine Fluorescence as a Reliable Indicator of Antifreeze Ingestion". Scientific Poster Presentation, University of Rochester School of Medicine, 2006. Abstract accepted, NYACEP 6/2010

TAB III

COST OF SERVICES TO THE CITY

Cost of Services to the CITY

1. We propose an initial three (3) year contract, with options for at least three (3) consecutive one (1) year renewal periods. The initial three-year contract is the optimum time period to develop and allow a new EMS system to mature. An initial one (1) year contract simply does not provide enough time to obtain the metrics and feedback necessary to allow the continuous quality improvement (CQI) process to create the highest level of service possible. The ultimate goal is that EMS personnel will deliver the same quality of medical care that an emergency physician would have directly rendered if they were on the scene themselves.
2. Under the RFP's Scope of Services, section C "duties and responsibilities", number 16 states *Provide the system with continuous on-line medical control twenty four (24) hours per day, seven (7) days per week, which shall include medical direction to personnel, resolve system conflicts, and provide services in an emergency as defined in Section 252.34(3).*

Based on 2013 data, Care Ambulance received 5,603 calls for service. In order for the vendor to directly supply continuous 24/7 on-line medical control and medical direction to personnel for this number of responses, we would require four full-time dedicated emergency physicians at a cost of \$1,400,000.00.

We believe a superior option would be to continue to have emergency physicians at Lower Keys Medical Center provide the continuous 24/7 on-line medical direction. This is the current practice in the Keys and is also the traditional model across the country, with the exception of some very large cities that have dedicated full-time EMS physicians. We will provide base station training to the emergency physicians and nurses regarding the newly developed EMS protocols and KWFD EMS capabilities. We will be available 24/7 for resolution of system conflicts, unique or unexpected outcome cases, and to provide services and consultation in an emergency as defined in Section 252.34(3). Calls for online medical control will be reviewed as part of the CQI system. Dr. McGrath wishes to be accessible to all KWFD personnel, and if they feel they have an emergent issue he would welcome their call anytime day or night. All KWFD firefighters and paramedics will be provided with Dr. McGrath's personal cell phone number and email address.

Although the difference between these two options may not be highlighted by other vendors, it is not realistic to expect one or two physicians to take calls from paramedics for medical direction night and day potentially 5,603 times a year.

3. With this preferred second option, the proposed cost for EMS medical direction for the City of Key West is \$84,000.00 per year. Our research shows that the current medical director for unincorporated Monroe County, Marathon, and Islamorada is paid \$94,000.00, \$27,520.00, and \$36,465.12 respectively. In addition to the contract fee, each of these

municipalities is presumably paying for all insurances, including medical malpractice for their respective region. Assuming average annual malpractice insurance costs of \$21,500.00 per year, the total annual cost for salary and malpractice insurance for the EMS medical director paid by Monroe County, Marathon and Islamorada combined exceeds \$222,000.00. According to the Key West Chamber of Commerce, Key West contains 32% of all Keys full time residents, but this does not take into account the 2,668,892 yearly overnight tourists, day visitors, and cruise ship passengers. This number also does not include military visitors and civilian support staff. These numbers will only increase as more than 500 hotel rooms come online in the next few years, all of which increases the work load and medicolegal liability for the EMS Medical Director.

Given our highly detailed approach to establishing what will hopefully become a national model for similar EMS systems, we believe that the proposed cost to the City is more than fair. We may not be the lowest bidder, but the old adage "you get what you pay for" rings true, especially when it comes to EMS oversight, or lack of it. As a citizen of Key West, self-interest drives me to work as hard as possible to create an excellent EMS system so that my family, friends, and neighbors will have the best possible EMS care if and when the need should arise. Although not everyone will require a fire truck to come to their house, there are very, very few who will never require an ambulance.

4. We also request that the City pay up to a maximum of \$5,000.00 per year as reimbursement of expenses such as travel and lodging to contractually required meetings, contractually required certification courses, EMS medical director conference attendance, monthly journals for each firehouse, and stipends/honoraria for outside speakers and instructors who are experts in their field.
5. Medical Malpractice in the amount of \$1,000,000 per claim including tail coverage will be funded by Dr. McGrath (cost \$21,500.00 per annum).
6. If an intoxication observation unit is formed at the Keys Overnight Temporary Shelter (KOTS), we will provide medical oversight at no charge to the City. Keeping an intoxicated individual in the shelter with EMT supervision instead of sending them to the hospital or jail has the potential to save the City and County hundreds of thousands of dollars each year.
7. Additional Requirements of the City
 - A. Provide private office space along with office furniture, supplies, and equipment, including a computer with internet connectivity and email address for official use by the Medical Director in performance of the duties and responsibilities specified in the agreement.
 - B. Provide appropriate secretarial and clerical support for activities directly related to the Medical Director's position and responsibilities.
 - C. Provide two sets of uniforms yearly, one set of labeled personal protective apparel and equipment, and a Medical Director's ID badge to be worn by the Medical Director during emergency incident responses or field-related activities.

- D. Provide a cellular telephone and digital pager for official use by the medical director in performance of the duties and responsibilities specified in this Agreement.
- E. Provide a portable radio with current EMS frequencies, along with fire and police dispatch channels. Establish an official radio title or designation to identify the Medical Director during radio or electronic communications conducted on the Key West Fire Department voice and data transmission networks.
- F. Provide insurance or formal indemnification of the Medical Director against claims, suits, and judgments of liability for all acts or omissions that are within the course and scope of duties and responsibilities that are specified in this agreement except for those acts or omissions covered by the Medical Director's medical malpractice policy.
- G. Provide direct 24 hour a day, 7 day a week access to an emergency response vehicle, clearly marked and maintained by the City or KWFD. This vehicle is to be equipped with a full compliment of ALS medical equipment and supplies.

TAB IV

COMMITMENT TO
CLINICAL PERFORMANCE

Commitment to Clinical Performance

1. Supervise and accept direct responsibilities for the medical performance of the paramedics and EMT's working for the City. Medical Director will retain the ultimate authority to permit and/or prohibit any paramedic or EMT to use advanced life support or other emergency medical procedures. The area of responsibility will include, but not be limited to, on-duty field personnel, on-duty command personnel, and dispatch personnel.

We will provide medical direction, oversight and quality assurance of all medical aspects of public safety (EMS, fire, police), homeland security, and public health emergencies in the City; serve as the City's representative to the medical community at large; and develop research and external funding sources for training and mitigating public safety, homeland security, and public health emergency events. If requested, we are also willing to provide tactical emergency medical support and training.

We will review the current EMS dispatch system, and assist in developing a robust Emergency Medical Dispatch (EMD) program with Continuous Quality Improvement (CQI). This includes goals of minimizing the time from call receipt to dispatch in critical cases, approving pre-arrival instructions given to all callers, and decreasing City liability from ambulance crashes by developing protocols to determine which medical requests for assistance do not require the use of a "hot" response with lights and sirens.

2. Continually evaluate the medical capability of the paramedics and EMT's of the Key West Fire Department and offer advice regarding the appropriate levels and standards of care that should be achieved. This evaluation will be accomplished through written testing, performance-based testing, and direct observation during patient transport and treatment events.

To effectively evaluate the paramedics, one must get to know them. Dr. McGrath will meet with each paramedic individually prior to the "go live" date, again within the following 90 days, and then at least annually. These meetings will provide significant feedback on the success or setbacks regarding our policies, protocols, and procedures.

Evaluation and ongoing training will be multifaceted and extensive, and we intend to work very closely with the KWFD training staff. There will be written protocol and computerized scenario based testing prior to the "go live" date, and at regular intervals thereafter. We also propose to implement a level of performance-based training that has not been previously utilized by EMS in the Keys, by utilizing high fidelity robotic simulation mannequins (currently available at LKCC) which are almost life-like in appearance and function, thus allowing for immediate feedback and the ability to change the scenarios based on individual performance. We will assist in procuring grants and lobbying for funding so that the KWFD can acquire their own simulation robots.

Our training standards will be based on the latest evidenced-based medical research available. We anticipate also creating live simulated patient encounters with local actors, which will allow dynamic interaction and a direct evaluation of a paramedic's ability to

obtain a proper history, physical exam, and form the correct treatment plan. An annual cadaver lab will be planned to allow emergency procedures to be practiced on recently deceased, lightly embalmed cadavers. This will also provide an excellent review of anatomy "from the inside out," which is invaluable in understanding the pathology of disease processes. We would also be happy to assist in the development of a modern EMS training center in a KWFD facility. This would allow for future in-house paramedic training, along with a location for monthly continuous medical education classes, both of which would save tax dollars.

Direct observation during patient treatment and transport events by the Medical Director is the backbone of a successful EMS program. No program can be truly successful without such a component. It allows the Medical Director to serve as an immediate "risk manager" in logistically difficult situations, such as patient refusals, termination of resuscitative measures, and interference by outside random health providers. The presence of a physician on scene can calm families and diminish complaints and threatened legal action. Periodic direct physician response also improves paramedic training, morale, and patient care by providing "real world" mentorship, interaction, and supervision. Without such response, providers operate in a void of proper role modeling or feedback, and oversight only occurs after the patient arrives at the emergency department, resulting in a vast amount of missed learning and corrective opportunities.

We will also oversee the process of allowing newly hired or newly licensed paramedics to work independently in the pre-hospital setting through ride-alongs and shifts with Dr. McGrath in the emergency department.

3. Develop medically correct EMS Protocols that permit specific ALS procedures be used when field paramedics cannot establish communication at a receiving hospital, or when a delay in patient care would potentially threaten the life or health of the patient. Furthermore, these orders will also state allowed ALS procedures that may be performed before the establishment of communication with a physician at a receiving hospital.

Field paramedic input is vital in creating effective and practical ALS protocols, especially given the island's unique characteristics and challenges. We will oversee and participate in a committee of KWFD paramedics who will review current protocols utilized by Care Ambulance along with those employed in other regions across the state and country. Combined with intense training, the development of state of the art, aggressive ALS protocols will make a tremendous difference in patient outcomes and satisfaction.

4. Annually review the EMS protocols for accuracy within local, state, and federal standards of care guidelines. To accept responsibility for the medical correctness of any standing order that he/she authorizes for use and for properly instructing regarding the correct use of standing orders.

Given the rapid rate of change in evidenced-based treatments and standards of care, we propose to review the EMS protocols every 6 months. Our ultimate goal would be to have the protocols accessible on the internet, with smartphone access via an "App", allowing for instant reference, updates, and rapid dissemination of information.

5. Develop EMS protocols that ensure the transport of patients to facilities that offer a type of level of care appropriate to the patient's condition (e.g. Trauma Transport Protocol).

We will develop transport and treatment protocols for patients with severe pediatric, cardiac, traumatic, or neurologic issues whose disease complexity prevents their admission to the local hospital.

6. Develop medically correct EMS protocols, which permit EMT's to perform specified advanced BLS procedures. These procedures will include but not be limited to normal day to day BLS functions, automatic/semiautomatic defibrillation, esophageal intubation and inter facility monitoring and maintenance of non-medicated intravenous therapy.

We will develop appropriate, modern, and evidence-based protocols based on the most recently available research to maximize the effectiveness of KWFD EMT's.

7. Prepare and maintain a written document that outlines any deviations to the Trauma Transport Protocol including the circumstances and Medical Director's opinion.

This will be managed through a Continuous Quality Improvement (CQI) committee that shall meet monthly. For maximum effectiveness, it is proposed that this committee consist of the Medical Director, KWFD leadership, union representatives, and field paramedic volunteers. Besides random chart audits, during the first year of operation 100% of all charts will be reviewed whenever there is advanced procedure utilization (i.e. intubation, cricothyrotomy, chest decompression, etc.), cardiac arrest, traumatic arrest, or if the patient requires helicopter evacuation. Chart audits will also occur 100% of the time there is implementation of a new medication/procedure, or after any "high profile" incident that gathers widespread media or public attention. Any deviations from established protocols or procedures will always be reviewed, and appropriate action taken if necessary. Root cause analysis sessions will be convened in cases of equipment failure, medication errors, and motor vehicle crashes while transporting a patient.

8. Create, authorize, and ensure adherence to detailed written operating procedures regarding all aspects of the handling of medications, fluids and controlled substances, and accept responsibility that the security procedures meet Chapters 499 and 893 F.S and 64J-2 F.A.C

We will assist and coordinate with the Fire Chief (or designee) in the writing of operating procedures creating, authorizing, and confirming adherence to the rules and regulations regarding all aspects of the handling of medications, fluids, and controlled substances using security procedures that meet Chapters 499 and 893 F.S. and 64J-2 F.A.C. However, the physical security involving storage and inventory of all medications, fluids, and controlled substances is solely the responsibility of the Key West Fire Department.

9. Ensure that all EMT's and paramedics in the system are trained in the use of the trauma scorecard methodology as provided in Section 64J-2 F.A.C.

We will ensure completion of trauma scorecard methodology training prior to the "go live" date.

10. Develop and/or approve a forty (40) hour EMT and forty (40) hour paramedic refresher course for the biennial certification process, which is based on the 24/48 shift worked by field personnel.

We will assist in the development of the above refresher courses utilizing classroom lectures and practicum along with computerized self-study modules; however, we believe that the comprehensive educational component provided will far surpass state and national standards. For instance, we plan to offer staged mass casualty events (such as a car into a crowd) using actors and high school students in appropriate costume and moulage, along with events simulating hazardous material exposures and terrorist attacks. We will do our best to ensure that all training is eligible for State of Florida CME credit.

11. Develop and/or approve other selected topics as required by local, state, and federal laws; (e.g. communicable diseases, SIDS, etc.)

We will rapidly disseminate this information through a newsletter or email blast based on priority or severity, followed by more formal training.

12. Develop and/or participate in a patient care Quality assurance program to assess the medical performance of paramedics and EMT's. Auditing of personnel will include but not be limited to a prompt run report review, direct observation on emergency scenes as well as on transport units and comparison of performance standards for drugs, equipment, protocols, and procedures.

A Continuous Quality Improvement (CQI) Committee will be established as noted above in #7 of this section. A robust scene response program to allow for direct observation on emergency scenes as well as aboard transport units will be established as noted in #2 (paragraph 3) of this section.

13. Notify the Bureau of EMS in writing when there is a substitution of equipment or medication as directed by Section 64J-2 F.A.C.

Agreed. We will also institute "just-in-time" standing orders to allow for immediate substitutions if a medication or piece of equipment is on backorder due to the current nationwide drug shortage crisis.

14. Conduct periodic review sessions with KWFD personnel in regards to medical management of individual cases.

As noted above in #2, Dr. McGrath will have one-on-one meetings with all paramedics prior to the "go live" date, again within the following 90 days, and then at least annually. Individual meetings may also occur at any time if requested by KWFD personnel or Dr. McGrath to discuss a case or speak about any other concern.

In keeping with his philosophy of accessibility, Dr. McGrath plans to make regular visits to each firehouse for informal discussions regarding individual cases or to answer any questions. As Dr. McGrath has full staff privileges at the Lower Keys Medical Center, he will be able to supplement the educational experience by providing paramedics with feedback and follow up information on patients who were under their direct care in a HIPPA compliant manner.

15. Recommend and/or approve equipment, medication, and Standing Orders for use by KWFD that meet or exceed Section 64J F.A.C.

We will work closely with KWFD staff to offer our opinions and guidance concerning any equipment they wish to acquire, and will assist in completing any available grant applications when possible. It is our expectation that we will exceed the requirements of Section 64J F.A.C. regarding medications and standing orders.

16. Provide the system with continuous on-line medical control twenty four (24) hours per day, seven (7) days per week, which shall include medical direction to personnel, resolve system conflicts, and provide services in an emergency as defined in Section 252.34(3).

As discussed previously, we believe a superior option would be to continue to have emergency physicians at Lower Keys Medical Center provide the continuous 24/7 on-line medical direction. The money to hire four full-time physicians for this purpose could better be spent elsewhere. This is the current practice in the Keys and is also the traditional model across the country, with the exception of some very large cities that have dedicated full-time EMS physicians. Base station training to LKMC emergency physicians and nurses regarding the newly developed EMS protocols and KWFD EMS capabilities will be provided at no additional cost. Dr. McGrath will be available 24/7 for resolution of system conflicts, unique or unexpected outcome cases, and to provide services and consultation in an

emergency as defined in Section 252.34(3). Calls for online medical control will be reviewed as part of the CQI system. Dr. McGrath wishes to be accessible to all KWFD personnel, and if they feel they have an emergent issue he would welcome their call anytime day or night. All KWFD firefighters and paramedics will be provided with Dr. McGrath's personal cell phone number and email address.

17. Establish an emergency administrative call schedule in which an appointed physician will be on call during periods of vacation, holidays, and other occasions where the Medical Director may be unavailable for consultation/direction.

We agree to comply with the above. We also will only allow a board certified emergency medicine physician with pre-hospital experience to serve as an "appointed physician".

18. Serve as a liaison between KWFD senior management and the department's occupational physician with regard to annual employee physicals, medical clearances and matters involving health and wellness.

Agreed. Dr. McGrath also agrees to serve as a liaison between the KWFD and the local medical community by responding to questions, criticisms, concerns, or complaints from physicians, surgeons, and hospital personnel about the performances, policies, or practices of the EMS division of the KWFD and its agents, representatives, members, and employees.

Whenever requested by the Chief of KWFD or delegate, Dr. McGrath will respond to questions, criticisms, concerns, or complaints from citizens, patients, and the news media about the performances, policies, and practices of the EMS system and its agents, representatives, members, and employees.

19. Develop system to review and evaluate new medications, EMS equipment and innovative EMS patient care modalities for possible implementation, possibly improving patient care to the City of Key West.

Dr. McGrath will participate in committees, conferences, and continuing education that will bring new medications, equipment, and modalities to the forefront of the KWFD EMS service. This will include attending the ClinCon and National Association of EMS Physicians annual conferences. KWFD EMS senior staff will also be encouraged to attend these conferences.

20. Review emergency medical procedures for possible elimination of medications, equipment, and treatment modalities that no longer provide effective and efficient care and treatment for emergency patients.

This will occur at least every six (6) months during review of ALS and BLS protocols, or immediately if there is a change in national consensus.

TAB V

REFERENCES

References

1. T. Elijah Benioni MD
Associate EMS Medical Director, Sarasota County EMS
Assistant Professor, FSU and USF Colleges of Medicine
Attending Emergency Physician, Tampa General Hospital

3354 Bayou Gate
Longboat Key, FL 34228
585-305-9855
tewbmd@gmail.com

2. William R Breeding MD MS
Assistant Professor, Department of Emergency Medicine
Wright State University Boonshoft School of Medicine
Attending Physician, Good Samaritan Hospital

2222 Philadelphia Drive
Dayton, OH 45406
937-241-5806
inkcaduceus@gmail.com

3. James E Brown MD MMM EMT-P
EMS Medical Director, City of Dayton Fire Department
Professor and Chair, Department of Emergency Medicine
Wright State University Boonshoft School of Medicine

3525 Southern Blvd
Kettering, OH 45429
937-395-8839
james.e.brown@wrighLedu

4. Laura Clark RN EMT-P
EMS Coordinator
Good Samaritan Hospital

2222 Philadelphia Drive
Dayton, OH 45406
937-734-2448
Leclark@premierhealth.com

5. Lt. Jeremy Lane EMT-P
City of Dayton Fire Department
EMS Training Division

200 McFadden Avenue
Dayton, Ohio 45403
937-765-6229
Lane3ntx@gmail.com

TAB VI

PHYSICIAN GROUP INVOLVEMENT

Physician Group Involvement

- American Academy of Emergency Medicine
- American Board of Emergency Medicine
- Diver's Alert Network
- Florida Association of EMS Medical Directors (FAEMSP)
- Florida Chapter, AAEM
- National Association of EMTs (NAEMT)
- National Association of EMS Physicians (NAEMSP)
- Phi Beta Kappa
- Pi Gamma Mu
- World Trade Center Health Registry

TAB VII

ACCEPTANCE OF CONDITIONS

Acceptance of Conditions

Vendor acknowledges and accepts all terms and conditions stated in RFP #03-015.

TAB VIII

REQUIRED FORM SUBMITTALS

Addendum No. 1 - RFP 03-015
Medical Director Questions
Key West Fire Department

To all Bidders:

The following information is provided in accordance with RFP 03-015 EMS, Billing Service as fully and as completely as if the same were fully set forth therein:

1. My concern is that the BTLS and PHTLS courses are not designed for or routinely taken by physicians; the class and certification designed for physicians is Advanced Trauma Life Support (ATLS). Is this the certification that was meant to be required?
 - Basic Trauma Life Support (BTLS) and/or Pre-hospital Trauma Life Support (PHTLS), and PALS certifications are required.
 - Advanced Trauma Life Support (ATLS) certification is acceptable in place of Basic Trauma Life Support (BTLS) or Pre-Hospital Trauma Life Support (PHTLS).
 - Within six (6) months of contract signing, the proposer must provide both Advanced Cardiac Life Support (ACLS) instruction and Advanced Trauma Life Support (ATLS) instruction.
 - Indicate any exceptions to the general terms and conditions of the RFP requirements in Tab VII, Acceptance of Conditions.
2. Same concern with BTLS and PHTLS as above in subsection 7.
 - Basic Trauma Life Support (BTLS) and/or Pre-hospital Trauma Life Support (PHTLS), and PALS certifications are required.
 - Advanced Trauma Life Support (ATLS) certification is acceptable in place of BTLS or PHTLS.
 - Indicate any exceptions to the general terms and conditions of the RFP requirements in Tab VII, Acceptance of Conditions.
3. In regards to the "State Medical Director's Association", is this the same organization as the Florida Association of Emergency Medical Services (FAEMSMD) referenced on page 2, B(1)?
 - Yes, Florida Association of EMS Medical Directors (FAEMSMD) is the organization that the proposer must become active in.
4. In regards to the "National Association of EMT's (NAEMT)", this is not an organization normally associated with EMS physicians, as it's focus is directly on

the daily activities of EMT's and paramedics rather than their medical direction. The EMS medical director group is the National Association of EMS Physicians (NAEMSP), which provides guidance and publishes research in the journal *Prehospital Emergency Care* (www.naemsp.org). Is this the professional group that was meant to be required?

- All professional memberships with exception of (FAEMSMD) are preferred, not required.
 - Tab VI, Physician Group Involvement- committee members will award up to 10 points for verifiable professional memberships.
 - Indicate any exceptions to the general terms and conditions of the RFP requirements in Tab VII, Acceptance of Conditions.
5. In regards to the "Florida Association of Certified Emergency Physicians (FACEP)", to my knowledge no such group exists. There are two national emergency physician associations, and both do have Florida chapters: The American Academy of Emergency Medicine (AAEM) and the American College of Emergency Physicians (ACEP). AAEM membership is composed primarily of clinical emergency physicians, and ACEP has a focus more appropriate for academic/research physicians. Is membership in either group what was meant to be required?
- The Florida Chapter of American College of Emergency Physicians membership is preferred.

On item K titled "Call for Proposals" the original proposal, two (2) flash drives in PDF format of the Proposal are to be enclosed in two (2) sealed envelopes, one within the other, each clearly marked on the outside: RFP #03-015 instead of #02-015 as indicated on original RFP.

All Bidders shall acknowledge receipt and acquaintance of this Addendum No. 1 by acknowledging Addendum in their proposal or by submitting the addendum with the bid package. Bids submitted without acknowledgement or without this Addendum may be considered non-responsive.

Michael T. McGrath M.D.
DEA# FM3774785
FL# ME114734


Signature

Name of Business

ANTI-KICKBACK AFFIDAVIT

STATE OF FLORIDA

SS

COUNTY OF MONROE

I, the undersigned, hereby duly sworn, depose and say that no portion of the sum herein bid will be paid to any employee of the City of Key West as a commission, kickback, reward or gift, directly or indirectly by me or any member of my firm or by an officer of the corporation.

Michael T. McGrath M.D.
DEA# FM3774785
FL# ME114734

BY: _____
_____ *WTS* _____

sworn and prescribed before me this 2nd day of October 2014

[Signature]

NOTARY PUBLIC, State of Florida



My commission expires: 10/4/15

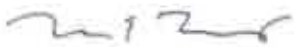
DOMESTIC PARTNER BENEFITS

Except where otherwise exempt or prohibited by law, a contractor awarded a contract pursuant to a bid process shall provide benefits to domestic partners of its employees on the same basis as it provides benefits to employees spouses.

Such certification shall be in writing and shall be signed by an authorized officer of the contractor and delivered, along with a description of the contractor's employee benefits plan, to the City's procurement director prior to entering a contract.

If the contractor fails to comply with this section, the City may terminate the contract and all monies due or to become due under the contract may be retained by the City

Michael T. McGrath M.D.
DEA# FM3774785
FL# ME114734


10/2/14

CONE OF SILENCE

STATE OF FLORIDA

SS:

COUNTY OF MONROE

I the undersigned hereby duly sworn depose and say that all owners(s), partners, officers, directors, employees and agents representing the firm of Michael T. McBreath MD have read and understand the limitations and procedures regarding communications concerning City of Key West issued competitive solicitations pursuant to City of Key West Ordinance Section 2-773 Cone of silence.

Sec. 2-773. Cone of silence.

(a)

Definitions. For purposes of this section, reference to one gender shall include the other, use of the plural shall include the singular, and use of the singular shall include the plural. The following definitions apply unless the context in which the word or phrase is used requires a different definition:

(1)

Competitive solicitation means a formal process by the City of Key West relating to the acquisition of goods or services, which process is intended to provide an equal and open opportunity to qualified persons and entities to be selected to provide the goods or services. Competitive solicitation shall include request for proposals ("RFP"), request for qualifications ("RFQ"), request for letters of interest ("RFI"), invitation to bid ("ITB") or any other advertised solicitation.

(2)

Cone of silence means a period of time during which there is a prohibition on communication regarding a particular competitive solicitation.

(3)

Evaluation or selection committee means a group of persons appointed or designated by the city to evaluate, rank, select, or make a recommendation regarding a vendor or the vendor's response to the competitive solicitation. A member of such a committee shall be deemed a city official for the purposes of subsection (c) below.

(4)

Vendor means a person or entity that has entered into or that desires to enter into a contract with the City of Key West or that seeks an award from the city to provide goods, perform a service, render an opinion or advice, or make a recommendation related to a competitive solicitation for compensation or other consideration.

(5)

Vendor's representative means an owner, individual, employee, partner, officer, or member of the board of directors of a vendor, or a consultant, lobbyist, or actual or potential subcontractor or sub-consultant who acts at the behest of a vendor in communicating regarding a competitive solicitation.

(b)

Prohibited communications. A cone of silence shall be in effect during the course of a competitive solicitation and prohibit:

(1)

Any communication regarding a particular competitive solicitation between a potential vendor or vendor's representative and the city's administrative staff including, but not limited to, the city manager and his or her staff;

(2)

Any communication regarding a particular competitive solicitation between a potential vendor or vendor's representative and the mayor, city commissioners, or their respective staff;

(3)

Any communication regarding a particular competitive solicitation between a potential vendor or vendor's representative and any member of a city evaluation and/or selection committee therefore; and

(4)

Any communication regarding a particular competitive solicitation between the mayor, city commissioners, or their respective staff, and a member of a city evaluation and/or selection committee therefore.

(c)

Permitted communications. Notwithstanding the foregoing, nothing contained herein shall prohibit:

(1)

Communication between members of the public who are not vendors or a vendor's representative and any city employee, official or member of the city commission;

(2)

Communications in writing at any time with any city employee, official or member of the city commission, unless specifically prohibited by the applicable competitive solicitation.

(A)

However, any written communication must be filed with the city clerk. Any city employee, official or member of the city commission receiving or making any written communication must immediately file it with the city clerk.

(B)

The city clerk shall include all written communication as part of the agenda item when publishing information related to a particular competitive solicitation;

(3)

Oral communications at duly noticed pre-bid conferences;

(4)

Oral presentations before publically noticed evaluation and/or selection committees;

(5)

Contract discussions during any duly noticed public meeting;

(6)

Public presentations made to the city commission or advisory body thereof during any duly noticed public meeting;

(7)

Contract negotiations with city staff following the award of a competitive solicitation by the city commission; or

(8)

Purchases exempt from the competitive process pursuant to section 2-797 of these Code of Ordinances;

(d)

Procedure.

(1)

The cone of silence shall be imposed upon each competitive solicitation at the time of public notice of such solicitation as provided by section 2-826 of this Code. Public notice of the cone of silence shall be included in the notice of the competitive solicitation. The city manager shall issue a written notice of the release of each competitive solicitation to the affected departments, with a copy thereof to each commission member, and shall include in any public solicitation for goods and services a statement disclosing the requirements of this ordinance.

(2)

The cone of silence shall terminate at the time the city commission or other authorized body makes final award or gives final approval of a contract, rejects all bids or responses to the competitive solicitation, or takes other action which ends the competitive solicitation.

(3)

Any city employee, official or member of the city commission that is approached concerning a competitive solicitation while the cone of silence is in effect shall notify such individual of the prohibitions contained in this section. While the cone of silence is in effect, any city employee, official or member of the city commission who is the recipient of any oral communication by a potential vendor or vendor's representative in violation of this section shall create a written record of the event. The record shall indicate the date of such communication, the persons with whom such communication occurred, and a general summation of the communication.

(e)

Violations/penalties and procedures.

(1)

A sworn complaint alleging a violation of this ordinance may be filed with the city attorney's office. In each such instance, an initial investigation shall be performed to determine the existence of a violation. If a violation is found to exist, the penalties and process shall be as provided in section 1-15 of this Code.

(2)

In addition to the penalties described herein and otherwise provided by law, a violation of this ordinance shall render the competitive solicitation void at the discretion of the city commission.

(3)

Any person who violates a provision of this section shall be prohibited from serving on a City of Key West advisory board, evaluation and/or selection committee.

(4)

In addition to any other penalty provided by law, violation of any provision of this ordinance by a City of Key West employee shall subject said employee to disciplinary action up to and including dismissal.

(5)

If a vendor is determined to have violated the provisions of this section on two more occasions it shall constitute evidence under City Code section 2-834 that the vendor is not properly qualified to carry out the obligations or to complete the work contemplated by any new competitive solicitation. The city's purchasing agent shall also commence any available debarment from city work proceeding that may be available upon a finding of two or more violations by a vendor of this section.

(Ord. No. 13-11, § 1, 6-18-2013)

Michael T. McGrath M.D.

DEA# FM3774785

FL# ME114734

BY: _____

Sworn and prescribed before me this 2 day of Oct., 2014.

NOTARY PUBLIC, State of Florida

My commission expires;



KYLE R STEWART

MY COMMISSION # EE135768

EXPIRES October 04, 2015

(407) 398-0183

FloridaNotaryService.com

LOCAL VENDOR CERTIFICATION PURSUANT TO CKW ORDINANCE 09-22 SECTION 2-798

The undersigned, as a duly authorized representative of the vendor listed herein, certifies to the best of his/her knowledge and belief, that the vendor meets the definition of a "Local Business." For purposes of this section, "local business" shall mean a business which:

- a. Principle address as registered with the FL Department of State located within 30 miles of the boundaries of the city, listed with the chief licensing official as having a business tax receipt with its principle address within 30 miles of the boundaries of the city for at least one year immediately prior to the issuance of the solicitation.
- b. Maintains a workforce of at least 50 percent of its employees from the city or within 30 miles of its boundaries.
- c. Having paid all current license taxes and any other fees due the city at least 24 hours prior to the publication of the call for bids or request for proposals.

- ☐ Not a local vendor pursuant to Ordinance 09-22 Section 2-798
☒ Qualifies as a local vendor pursuant to Ordinance 09-22 Section 2-798

If you qualify, please complete the following in support of the self certification & submit copies of your County and City business licenses. Failure to provide the information requested will result in denial of certification as a local business.

Business Name Michael T. McGrath M.D.
DEA# FM3774785
FL# ME114734 Lower Keys Medical Center Phone: 614-477-7991

Current Local Address: 5900 College Rd, Key West Fax:
(P.O Box numbers may not be used to establish status)

Length of time at this address 2 years

Michael T. McGrath
Signature of Authorized Representative

10/2/14
Date

STATE OF Florida
COUNTY OF Monroe

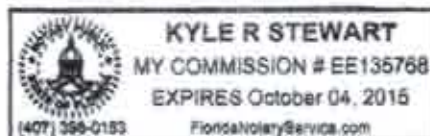
The foregoing instrument was acknowledged before me this 2nd day of Oct., 2014.
By Michael T. McGrath of Michael McGrath M.D.
(Name of officer or agent, title of officer or agent) (Name of corporation acknowledging)
or has produced DL M263-559-72-407-0 as identification
(type of identification)

[Signature]
Signature of Notary

Return Completed form with
Supporting documents to:
City of Key West Purchasing

Print, Type or Stamp Name of Notary

Title or Rank



SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(A)
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY
PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS,

1. This sworn statement is submitted to CITY OF Key West
by Michael McGrath MD
(Print individual's name and title) Michael T. McGrath M.D.
for DEA# FM3774785
FL# ME114734
(print name of entity submitting sworn statement)

whose business address is 5900 College Ave, Key West, FL 33040
and (if applicable) its Federal Employer Identification Number (FEIN) is _____
(If the entity has no FEIN, include the Social security Number of the individual signing
this sworn statement: 042-78-6109

2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
3. I understand that "conviction" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment of information after July 01, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
4. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:
1. A predecessor or successor of a person convicted of a public entity crime;
or
 2. An entity under the control of any natural person who is active in the

management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment of income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5. I understand that a "person" as defined in Paragraph 287.133(1)(c), Florida Statutes, means any natural person or entity organized under the laws of any state of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement (indicate which statement applies).

☒ Neither the entity submitting this sworn statement, or any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July, 1989.

The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 01, 1989.

The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 01, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. (Attach a copy of the final order).

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH ONE (1) ABOVE IS

FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH
DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO
UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO
ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT
PROVIDED IN SECTION 287.017, FLORIDA STATUTES, FOR THE CATEGORY TWO OF
ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

[Signature]
(SIGNATURE)

10/2/14
(DATE)

STATE OF Florida
COUNTY OF Monroe

PERSONALLY APPEARED BEFORE ME, the undersigned
Authority Michael McEachern, after first being sworn by me,
(Name of individual)

Affixed his/her signature in the space provided above of this
2nd Day of October, 2014

[Signature]






Certificate of Insurance
Physicians and Surgeons Liability Insurance

This certificate is issued as a matter of information only and confers no rights upon the Certificate Holder. This certificate is not an insurance policy and does not amend, extend or alter the coverage afforded by the policy referenced herein.

DATE:	May 09, 2014
CERTIFICATE HOLDER:	Michael McGrath, MD 2635 Gulfview Drive Key West, FL 33040

Should the policy described below be cancelled, or the terms or conditions changed, Medicus Insurance Company is under no obligation or liability of any kind to notify the Certificate Holder.

INSURED:	Michael Thomas McGrath, MD
ADDRESS:	2635 Gulfview Drive Key West, FL 33040
TYPE OF COVERAGE:	Claims Made Medical Professional Liability
CARRIER:	Medicus Insurance Company
POLICY NUMBER:	FL-16088422
POLICY EFFECTIVE DATE:	August 01, 2014
POLICY EXPIRATION DATE:	August 01, 2015
RETROACTIVE DATE:	August 01, 2013
SPECIALTY:	Emergency Medicine
LIMITS OF LIABILITY:	\$1,000,000/\$3,000,000



AUTHORIZED REPRESENTATIVE

Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by policy described herein is subject to all the terms, exclusions and conditions of such policy. The policy referenced herein is a Physicians and Surgeons Liability Insurance Policy.

Wright State University

Boonshoft School of Medicine

CERTIFIES

Michael T. McGrath, MD

AS A MEMBER OF THE FACULTY

Clinical Assistant Professor

OF

Emergency Medicine
2013 - 2016

Margie A. Bonner

Dean, Boonshoft School of Medicine

James E. Brown, MD

Department Chair



Boonshoft
School of Medicine
WRIGHT STATE UNIVERSITY

The American Academy of Emergency Medicine

attests that

Michael T. McGrath, MD FAAEM

has demonstrated commitment to the quality of Emergency Medicine and support of the mission, vision, and ideals of this Organization, and is hereby confirmed as a

Full Voting and Fellow Member

of the American Academy of Emergency Medicine.



Mark Reiter, MD MBA, President

Kevin G. Rodgers, MD, Vice President

Joel Schofer, MD RDMS, Secretary Treasurer

This certificate is valid from the date of joining through the end of membership with AAEM unless your member type changes.



American Board of
Emergency Medicine



American Board of Emergency Medicine

Established for the Certification of Emergency Physicians Hereby
Declares that

MICHAEL THOMAS MCGRATH, M.D.

Has Successfully Fulfilled the Certification Requirements and is
Declared a Diplomate of the American Board of Emergency Medicine

June 5, 2012 – December 31, 2022

President

Richard N. Nelson, MD

Secretary

James H. Jones M.D.

Certification Number

49418



UPMC MEDICAL EDUCATION

Certify that

Michael Thomas McGrath, M.D.

has satisfactorily served as a Resident in

Emergency Medicine

for a period of 36 Months

June 24, 2007 to June 30, 2010


DEPARTMENT CHAIRMAN


DEAN


PROGRAM DIRECTOR


CHAIRMAN BOARD OF DIRECTORS, UPMC/MR

University of Rochester

This Diploma Witnesses That

Michael Thomas McGrath

having completed the course of study prescribed therefor by the faculty of the
School of Medicine and Dentistry
has been admitted by the President and the Trustees to the degree of

Doctor of Medicine

with all the rights and privileges thereunto appertaining

*In Testimony Whereof the signatures of the President of the
University and the Dean of the School of Medicine and Dentistry have been
hereunto attached, and the corporate seal of the University affixed, at Rochester,*

*New York on the eighteenth day of May in the year of our Lord
two thousand and seven and of the University the one hundred and fifty-seventh.*

David H. Conyick
Dean



Joel Seligman
President

COLLEGIVM · TRINITATIS · SANCTISSIMAE

HARTFORDIAE

OMNIBVS · HAS · LITERAS · PERLECTVRIS · SALVTEM · IN · DOMINO

SCIATIS · QVOD

MICHAEL THOMAS MCGRATH

PRAESES · CONSENTIENTIBVS · VIRIS · HONORANDIS · AC · REVERENDIS · HVIVS · COLLEGII
CVRATORIBVS · TITVLO · GRADVQVE · ARTIVM · BACCALAVREI
ADORNAVIT · ET · CONDECORAVIT · ET · EI · FRVENDA · DEDIT · OMNIA · IVRA · PRIVILEGIA
DIGNITATES · HONORES · ET · INSIGNIA · QVAE · HIC · AVT · VSQVAM · ALIBI · AD · EVNDEM
GRADV · EVECTIS · CONCEDI · SOLENT

CVIVS · IN · REI · TESTIMONIVM · LITERIS · HISCE · COLLEGII · SIGILLVM · ET

PRAESIDIS · CHIROGRAPHVM · APPONVNTVR

DATVM · EX · AEDIBVS · ACADEMICIS · A · D · X · KAL · IVN

ANNOQVE · DOMINI · NOSTRI · MCMXCIX



Myra
SCRIBA

Edmund
PRAESES

Greater Hartford Community College
Board of Trustees, Community-Technical Colleges



State of Connecticut

'Be it known that

Michael T. McGrath

having satisfactorily completed all requirements of the

Emergency Medical Technician-Paramedic

is presented this certificate at Hartford, Connecticut,

on this **11 th** *day of* **August** *in the year* **1992**

Conrad Spinkett
President

Phi Beta Kappa

Founded December 5, 1776

This Writing Certifies That

Michael Thomas McGrath

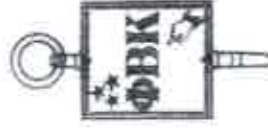
has made a member of ΦBK by action of the

Beta of Connecticut at Trinity College

May 22, 1999

in recognition of high attainments in liberal scholarship

In Witness Whereof, the President and the Secretary
of the Chapter have hereto affixed their signatures



Φιλοσοφία Βίου
Κυβερνήτης

Tom Gant

President

Robert Pank

Secretary



This is to certify that

Michael Thomas McGrath

*has complied with all the requirements of the constitution
and statutes pertaining to membership in the*

International Honor Society in Social Science

Pi Gamma Mu

and was elected to the

Connecticut Alpha chapter located at Trinity College

*In Testimony Whereof, we have hereto affixed our signatures and the
Great Seal of the Society, this twenty-third day of April A. D. 1999*

Kay Anderson
INTERNATIONAL PRESIDENT

Sue Watters
INTERNATIONAL EXECUTIVE DIRECTOR



Cheryl McKee
COLLEGIATE CHAPTER PRESIDENT

Deborah Adams
COLLEGIATE CHAPTER SECRETARY

Mission:

To protect, promote, & improve the health of all people in Florida through integrated state, county & community efforts.



Rick Scott
Governor

John H. Armstrong, MD, FACS
State Surgeon General & Secretary

Vision: To be the Healthiest State in the Nation

FLORIDA DEPARTMENT OF HEALTH

CONFIRMATION OF LICENSE AT RENEWAL

NAME: MICHAEL THOMAS MCGRATH

PROFESSION: MEDICAL DOCTOR

LICENSE NUMBER: ME114734

EFFECTIVE DATE: 10/03/2014

FEE PAID: \$279.00

MAILING ADDRESS: 822 CARSTEN LANE
KEY WEST, FL 33040

ATTENTION:

PRACTICE ADDRESS: 5900 COLLEGE RD
KEY WEST, FL 33040

ATTENTION:

NOTE:

This document confirms receipt of a timely renewal application and fee for a license for the above-named practitioner. The practitioner should receive a renewal license in the mail within 7-14 business days.

Online renewal confirmation will be available once funds have been received from your credit card institution, which may take up to 10 business days. This confirmation can be viewed by visiting <http://www.FLHealthsource.com> and selecting License Verification.

This document, issued from a secure online site, authorizes practice until the practitioner receives the printed certificate.

STATE OF FLORIDA
DEPARTMENT OF HEALTH
DIVISION OF MEDICAL QUALITY ASSURANCE

DATE	LICENSE NO.	CONTROL NO.
12/13/2012	ME 114734	404868

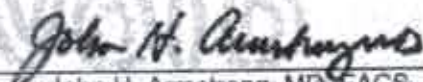
STATE OF FLORIDA
DEPARTMENT OF HEALTH
DIVISION OF MEDICAL QUALITY ASSURANCE
AC# 521247
DATE 12/13/2012
LICENSE NO. ME 114734
CONTROL NO. 404868

The **MEDICAL DOCTOR** named below has met all requirements of the laws and rules of the state of Florida.
Expiration Date: **JANUARY 31, 2015**
MICHAEL THOMAS MCGRATH
2222 PHILADELPHIA DRIVE
DAYTON OH 45406

The **MEDICAL DOCTOR** named below has met all requirements of the laws and rules of the state of Florida.
Expiration Date: **JANUARY 31, 2015**
MICHAEL THOMAS MCGRATH



Rick Scott
GOVERNOR



John H. Armstrong, MD, FACS
STATE SURGEON GENERAL



DISPLAY IF REQUIRED BY LAW

EXPIRATION DATE: **JANUARY 31, 2015**

Your license number is **ME 114734**, please use it in all correspondence with your board/council. Each licensee is solely responsible for notifying the department in writing of the licensee's current mailing address and practice location address. If you have not received your renewal notice 90 days prior to the expiration date shown on this license, please call (850) 488-0595.

Use this section to report name change. Name changes require legal documentation showing the name change. Please make sure that a photocopy of one of the following accompanies this form: a marriage license, a divorce decree or a court order. **A driver's license or social security card is not considered legal documentation.**

Medical Quality Assurance offers you the convenience of several online services. These services give you the ability to renew your license, update your mailing and practice location addresses and update your profile information.

1. Go to www.flhealthsource.com
2. Click on Licensee/Provider
3. Click on Practitioner Login
4. Select your profession
5. Enter the account ID and password here (Account ID and Password are case sensitive) Account ID:  Password: 

Where '0' is number ZERO.

6. Click on Login

MAIL TO: DEPARTMENT OF HEALTH
DIVISION OF MEDICAL QUALITY ASSURANCE
LICENSURE SUPPORT SERVICES UNIT
P.O. BOX 6320
TALLAHASSEE, FLORIDA 32314-6320

☐ NAME CHANGE (ATTACH LEGAL DOCUMENTATION)

FROM: LAST FIRST MIDDLE
TO: LAST FIRST MIDDLE

MCGRATH, MICHAEL T MD
822 CARSTEN LANE
KEY WEST, FL 33040-0000-000



DEA REGISTRATION NUMBER	THIS REGISTRATION EXPIRES	FEE PAID
FM3774785	01-31-2016	\$731
SCHEDULES	BUSINESS ACTIVITY	ISSUE DATE
2,2N, 3,3N,4,5,	PRACTITIONER	04-04-2013
MCGRATH, MICHAEL T MD 5900 COLLEGE RD KEY WEST, FL 33040-0000		

CONTROLLED SUBSTANCE REGISTRATION CERTIFICATE
UNITED STATES DEPARTMENT OF JUSTICE
DRUG ENFORCEMENT ADMINISTRATION
WASHINGTON D.C. 20537

Sections 304 and 1008 (21 USC 824 and 958) of the Controlled Substances Act of 1970, as amended, provide that the Attorney General may revoke or suspend a registration to manufacture, distribute, dispense, import or export a controlled substance.

THIS CERTIFICATE IS NOT TRANSFERABLE ON CHANGE OF OWNERSHIP, CONTROL, LOCATION, OR BUSINESS ACTIVITY, AND IT IS NOT VALID AFTER THE EXPIRATION DATE.

CONTROLLED SUBSTANCE REGISTRATION CERTIFICATE
UNITED STATES DEPARTMENT OF JUSTICE
DRUG ENFORCEMENT ADMINISTRATION
WASHINGTON D.C. 20537

DEA REGISTRATION NUMBER	THIS REGISTRATION EXPIRES	FEE PAID
FM3774785	01-31-2016	\$731
SCHEDULES	BUSINESS ACTIVITY	ISSUE DATE
2,2N, 3,3N,4,5,	PRACTITIONER	04-04-2013

MCGRATH, MICHAEL T MD
5900 COLLEGE RD
KEY WEST, FL 33040-0000

Sections 304 and 1008 (21 USC 824 and 958) of the Controlled Substances Act of 1970, as amended, provide that the Attorney General may revoke or suspend a registration to manufacture, distribute, dispense, import or export a controlled substance.

THIS CERTIFICATE IS NOT TRANSFERABLE ON CHANGE OF OWNERSHIP, CONTROL, LOCATION, OR BUSINESS ACTIVITY, AND IT IS NOT VALID AFTER THE EXPIRATION DATE.



Michael McGrath

attended the Continuing Medical Education activity

**NAEMSP® 2011 National EMS
Medical Directors Course and Practicum®**

January 10-12, 2011

**Hyatt Regency Coconut Point Resort & Spa
Bonita Springs, Florida**

**and has earned 21.00 AMA PRA Category 1 Credit(s)[™]
as a learner in this activity**

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the Medical College of Wisconsin and the National Association of EMS Physicians®. The Medical College of Wisconsin is accredited by the ACCME to provide continuing medical education for physicians.

The Medical College of Wisconsin designates this live activity for a maximum of 21 AMA PRA Category 1 Credit (s)[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

The Medical College of Wisconsin designates this activity for up to 21 contact hours [or hours of participation for physician assistants] of continuing education for allied health professionals.

CERTIFICATE of COMPLETION

This is to certify that

Michael McGrath, MD

has completed the

OHIO CHAPTER ACEP EMS MEDICAL DIRECTORS' COURSE

February, 2010

*Sponsored by: Ohio Chapter and
Jointly Sponsored by: American College of Emergency Physicians*

This activity has been planned and implemented in accordance with the Essential Areas and Policies for the Accreditation Council of Continuing Medical Education through joint sponsorship of ACEP and Ohio ACEP. The American College of Emergency Physicians is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The American College of Emergency Physicians designates this educational activity for a maximum of 15 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Approved by the American College of Emergency Physicians for 15 hours of ACEP Category 1 credit.

ATLS

Michael McGrath, MD

is recognized as having successfully completed the
ATLS® Course for Doctors according to the standards
established by the ACS Committee on Trauma.

Karen Brasel

Karen Brasel, MD, FACS
Chairperson,
ATLS Subcommittee

Charles J. Yowler

Charles J. Yowler, MD, FACS
ACS Chairperson,
State/Provincial
Committee on Trauma

Jonathan I. Groner, MD
ATLS Course Director

Date of Issue: 8/26/2011

Date of Expiration: 8/26/2015



COMMITTEE ON TRAUMA

Michael McGrath, MD

is recognized as having successfully completed the
ATLS® Course for Doctors according to the standards
established by the ACS Committee on Trauma.

Issue Date: 8/26/2011

Expiration Date: 8/26/2015

Karen Brasel

Chairperson, ATLS
Subcommittee

Charles J. Yowler

ACS Chairperson,
State/Provincial Committee
on Trauma

ATLS Course Director

CS: 37038-SR

ATLS ID: 371924

STUDENT

PEDIATRIC ADVANCED LIFE SUPPORT

**PALS
Provider**



Michael McGrath MD

This card certifies that the individual above has successfully completed the Pediatric Advanced Life Support (PALS) course requirements and cognitive evaluation in accordance with ACLS Training Center curriculum and American Heart Association® guidelines.

July 10, 2013

Issue date

July 10, 2015

Expiration date

To verify this card is valid, please call 1-877-560-2940

Region:

US N1

Training Center:

ACLS Training Center


Site:

Northwest

A handwritten signature in black ink, appearing to be "M. McGrath", written over a horizontal line.

Cardholder's signature

© ACLS Training Center

 **Provider**

Advanced Cardiac Life Support
Michael T. McGrath MD


*Has successfully completed the Advanced Cardiac Life Support
exam in accordance with the most recent emergency
cardiac care guidelines.*

7-10-2013

Issue Date

7-10-2015

Expiration Date

 **Provider**

Region: **United States**
Training Center: **Web Training Platform**
Site: **N8767**
Ref. #: _____



Cardholder's Signature



Advanced
HAZMAT
Life Support™

Mr. Mike McGrath

**has successfully completed the Provider and Instructor program
and passed the final examination.**

This continuing education activity is approved by the

Continuing Education Coordinating Board for Emergency Medical Services (CECBEMS) Course Number F2100799-1
for 16 advanced and 6 educator continuing education credits.

***June 2-4, 2004
Rochester, NY***

Paul G. Watson

AHLS International Office

CERTIFICATE OF RECOGNITION

DEPARTMENT OF HEALTH

Edward G. Rendell, Governor
Calvin B. Johnson, M.D., M.P.H., Secretary of Health

The Pennsylvania Department of Health hereby issues to

Michael T. McGrath, M.D.

pursuant to the Emergency Medical Services Act, Act of July 3, 1985, P.L. 164, No. 45, as amended, 35 P.S. Section 6921 et seq., and duly promulgated rules and regulations, a certificate recognizing the physician's completion of the voluntary medical command physician certification program administered by the Department and all standards applicable to a physician functioning as a medical command physician, who will be responsible for providing medical direction to prehospital personnel, and assisting in the duties of medical control within an accredited medical command facility.

RECOGNITION #: 7922
ISSUED ON: 9/11/2008
EXPIRES: 10/1/2011
04-1633

Joseph W. Schmider
Joseph W. Schmider, Director
Bureau of Emergency Medical Services

Calvin B. Johnson
Calvin B. Johnson, M.D., M.P.H.
Secretary of Health

STATE OF CONNECTICUT

THE COMMISSION ON FIRE PREVENTION AND CONTROL

BE IT KNOWN THAT

MICHAEL T. MCGRATH

HAS SATISFACTORILY MET THE REQUIREMENTS OF THE
TRAINING AND EDUCATION STANDARDS SET FORTH IN
THE REGULATIONS OF THE STATE OF CONNECTICUT AND
IS THEREFORE CERTIFIED AS A

FIRE OFFICER I

NFPA 1021, 1997 EDITION

BY THE AUTHORITY OF CONNECTICUT GENERAL STATUTES SECTION 7-323-L

ISSUED THIS 14TH DAY OF FEBRUARY, 2002


CHAIRMAN


ADMINISTRATOR



STATE OF CONNECTICUT

THE COMMISSION ON FIRE PREVENTION AND CONTROL

BE IT KNOWN THAT

MICHAEL T. MCGRATH

HAS SATISFACTORILY MET THE REQUIREMENTS OF THE
TRAINING AND EDUCATION STANDARDS SET FORTH IN THE
REGULATIONS OF THE STATE OF CONNECTICUT AND IS
THEREFORE CERTIFIED AS A

FIRE SERVICE INSTRUCTOR I

NEPA 1041, 1992 EDITION

BY THE AUTHORITY OF CONNECTICUT GENERAL STATUTES SECTION 7-323L

ISSUED THIS 10TH DAY OF OCTOBER, 1995


CHAIRMAN


ADMINISTRATOR



STATE OF CONNECTICUT

THE COMMISSION ON FIRE PREVENTION AND CONTROL

BE IT KNOWN THAT

HAS SATISFACTORILY MET THE REQUIREMENTS OF THE
TRAINING AND EDUCATION STANDARDS SET FORTH IN THE
REGULATIONS OF THE STATE OF CONNECTICUT AND IS
THEREFORE CERTIFIED AS A



BY THE AUTHORITY OF CONNECTICUT GENERAL STATUTES SECTION 7-323L

ISSUED THIS 16TH DAY OF SEPTEMBER, 1994

Arthur C. Cypriano
CHAIRMAN

J. J. Minicelli
ADMINISTRATOR



STATE OF CONNECTICUT

THE COMMISSION ON FIRE PREVENTION AND CONTROL

BE IT KNOWN THAT

HAS SATISFACTORILY MET THE REQUIREMENTS OF THE
TRAINING AND EDUCATION STANDARDS SET FORTH IN THE
REGULATIONS OF THE STATE OF CONNECTICUT AND IS
THEREFORE CERTIFIED AS A



BY THE AUTHORITY OF CONNECTICUT GENERAL STATUTES SECTION 7-323L

ISSUED THIS 31ST DAY OF MAY, 1990

Maurice L. McCarty
CHAIRMAN

George E. Hurley
ADMINISTRATOR



