

Memorandum

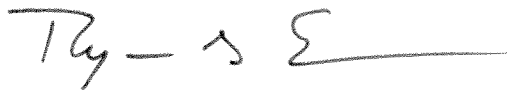


Date: August 13, 2010

To: Mayor Pro Tem Dwaine Caraway, Chair
and Members of the Public Safety Committee

Subject: Emergency Medical Service Contracts

The Public Safety Committee will be briefed on the Emergency Medical Service Contracts on Monday, August 16, 2010.



Ryan S. Evans
First Assistant City Manager

Attachment

c: Honorable Mayor and Members of the Dallas City Council
Mary K. Suhm, City Manager
Deborah Watkins, City Secretary
Tom Perkins, City Attorney
Craig Kinton, City Auditor
Victor Lander, Administrative Municipal Judge
Jill A. Jordan, P.E., Assistant City Manager
A.C. Gonzalez, Assistant City Manager
Forest E. Turner, Assistant City Manager
Jeanne Chipperfield, Chief Financial Officer
Helena Stevens-Thompson, Assistant to the City Manager Mayor/City Council Office



Dallas Fire-Rescue

Emergency Medical Service Contracts

Bobby D. Ross, Deputy Chief
Emergency Response Bureau

August 16, 2010



Purpose

To provide a briefing to the Public Safety Committee regarding the EMS Professional Contracts and how our teams continued assistance aids the Department in providing outstanding service delivery to the citizens and visitors of Dallas.



EMS Contracts Provide

- Department Medical Supervision
 - On-line medical supervision (BIOTEL / Medical Director)
 - Off-line medical supervision (Medical Director's oversight of Department's medical issues)
- Emergency Medical Continuing Education for medical personnel
- Initial EMS Training of recruits



BIOTEL On-Line Medical Supervision

- Provides medical supervision for Paramedics
- Required by State law:
 - Direct physician contact
 - Orders for medical treatment



Responsibilities of BIOTEL

- Information on hospital availability/capacity
 - Manage patient allocation
- Legal assistance related to medical issues
- On-scene amputation team
- Monitor trauma plan:
 - Computer data entry
 - Update/educate area emergency departments



BIOTEL

Quality Management Program

- Continuous assessment of system
- Incident reports on all major protocol/treatment deviations
- Follow-up on patient outcome
- Quarterly system report



BIOTEL Funding

- Shared by participating entities
- Inter-local agreements
- Currently 16 municipalities



BIOTEL Participating Entities

- CARROLLTON
- CEDAR HILL
- COCKRELL HILL
- DALLAS
- DESOTO
- DUNCANVILLE
- FARMERS BRANCH
- GARLAND
- HIGHLAND PARK
- IRVING
- LANCASTER
- MESQUITE
- RICHARDSON
- SUNNYVALE
- UNIVERSITY PARK
- WILLS POINT



BIOTEL Staffing

- Emergency Medicine Faculty
- Specialist Physicians
- Nurse Coordinator:
 - RN Supervisor
 - 24/7 Coverage
 - Registered Nurses
 - Paramedics



Medical Director Contract

- Physician that provides license under which the EMS System operates
- State law requires EMS to have a Medical Director
- Current contract renews October 1, 2010



Medical Direction Team



Dallas Fire-Rescue
Medical Director
Dr. Raymond Fowler



City of Dallas
Director of Medical
Emergency Services
Dr. Paul Pepe



Dallas Fire-Rescue
Medical Director
Dr. Marshal Isaacs



Responsibilities of Medical Director

- Establishes all medical protocols
- Evaluates and approves all patient care equipment used by system
- Assists in complaint/inquiry investigations related to medical issues



Responsibilities of Medical Director (Cont'd)

- Determines training curriculum for Paramedics
- Certifies that training requirements are met
- Certifies paramedic proficiency
- Provides medical representation in legal proceedings
- Coordinates the *Member Injury Advocacy Program* which serves as an advocacy tool for members who become ill or injured while on duty as they navigate through the Dallas emergency medical care system



University of Texas Southwestern Medical Center (UTSWMC) Paramedic Continuing Education

- Required by the State to retain certification:
 - 40 hours required annually per Paramedic
 - Contract renews September 1, 2010 (based on States' fiscal year)
- UTSWMC provides:
 - Training at 39 locations (this includes 6 three hour CE modules at each site on all 3 shifts)
 - Skills and proficiency evaluations



Paramedic Training: CE

- UTSWMC provides (Cont'd):
 - Internet based CE Programs for a total of 12 hours
 - UTSWMC based 9 hour “UTCE” programs (this will be offered three times each month)
 - The Center provides CE services that meet or exceed established minimum standards and guidelines
 - The Center’s Director of Emergency Medicine Education or his designated representative and the EMS Division’s Deputy Chief will be responsible for developing and organizing all CE activities



UTSWMC

Recruit Initial Training Requirements

- Initial training for EMT Basics and EMT Paramedics
- Paramedic re-certification testing
- EMT: 215 hours of training
- Paramedic: 944 hours of training



Emergency Medical Initial Training

- Initial training renewal October 1, 2010
 - Training for recruits:
 - EMT Basic training costs (includes parking, books, fees and clinicals)
- EMT Basic Certification and Registration (Texas Department of State Health Services)



EMS Contracts/Cost

- Biotel:
 - On-line medical supervision proposed FY 10-11 first year \$1,030,836 (Current cost FY 09-10 \$907,204)
 - Parkland Health and Hospital Systems
 - Total for two years FY 10-12 proposed \$2,061,672 (Current cost FY 08-10 \$1,814,408)
 - Dallas 56% and other Cities via interlocal agreements 44%
 - Cost are calculated on a per capita basis using the North Central Texas Council of Governments Population Estimates
 - Cost increase is due to overall population increases and Biotel internal administrative costs (benefits and personnel)



EMS Contracts/Cost (Cont'd)

- Continuing Education:
- On-Site CE services, \$7,100 for (39) sites, for a total of \$276,900
- Internet CE services, costs are \$80/Paramedic, for total of \$60,800
- UTCE Day services, costs are \$100/Paramedic, for a total of \$76,000
- El Centro Paramedic CE class, \$57.00/Paramedic, for a total of \$43,320
- UTSW CE overage site fee, \$172/paramedic, for a total of \$9,976 for 58 medics
- Continuing Education for 174 EMT Basic \$34,800
- Total Monthly = \$41,816
- **Total Yearly = FY 10-11 \$501,796 (UTSWMC annual contract)**
- Current Cost = FY 09-10 \$427,856 (Increase from last year is due to increase in number of paramedics and the addition of EMT basics)



EMS Contracts/Cost (Cont'd)

- Medical Director:
 - Off-line medical supervision proposed FY 10-11 \$152,472 (UTSWMC)
 - No Increase for FY 10-11
- Initial Recruit Training:
 - Proposed FY 10-11 \$27,160 (UTSWMC and Dallas County Community College District annual Resolution)
 - Current cost FY 09-10 \$258,420
 - Decrease is due to sending less recruits to EMT school only and no recruits to paramedic school



Council Actions

- UTSWMC Continuing Education:
August 25, 2010 Agenda
- Medical Director:
September 22, 2010 agenda
- Biotel:
September 22, 2010 agenda
- UTSWMC initial recruit training:
September 22, 2010 agenda





Questions?
