

Assumptions

Pro-Forma Assumptions: Glossary

	<i>Current/King County</i>	<i>Single Fire Service Provider Model</i>	<i>Dual Fire Service Provider Model</i>
Salaries			
Paramedic Salaries & Overtime	Based on currently negotiated labor contract, including longevity and 3% COLA in 2004 and 2005 and then 90% of CPI-U. Includes wages, vacation, sick, and on the job injuries. Subject to FLSA for hours worked in excess of 40 hrs/week. Average FLSA is 411 hrs/year per medic.	Calculated for paramedics with 10 years of experience - Includes monthly base, longevity, deferred compensation, supplemental pension, holiday, scheduled hours, and leave. Does not include any FLSA or scheduled overtime. Averages confirmed with study of comparables.	
Field MSO (Medical Service Officer) Salaries & Overtime	Calculated the same as for paramedics.	Calculated for paramedics with 17 years of experience and then the same as for paramedics. Increased number is reflective of emphasis on field supervision.	
Administrative & Support Staff	Includes 3 civilian staff, 3 Administrative MSOs, and 1 MSA. Salaries are calculated the same as above.	Salaries for administrative and support staff and day shift MSOs. Reflects the assumed capacity to manage many administrative functions within current structures. Lower costs are due to the deletion of the MSA position and the reduction of administrative MSOs from three to two.	
Medical Direction	Salaries for medical directors.		
Benefits			
Employee Benefits & Insurance	Includes industrial insurance/L&I, workman's comp, and employee benefits such as medical, dental, life and disability.		
Social Security	Includes unemployment compensation and FICA/OASI.	Not applicable - do not participate.	
Retirement	Includes retirement, pension, deferred compensation. The forecast includes expected payment for persons retiring under PERA.	Estimates 28 employees not participating in LEOFFII, staying in PERS; Includes retirement and pension.	
Excess Retirement Payments	Includes special pension (lump sum excess costs).	Not applicable	
Special Allocations/Other		Includes employer contribution to deferred compensation plan.	
Paramedic Replacement & Expansion			
Student costs	Includes a stipend for living costs (\$27,500) for student in school, tuition, costs associated with the hiring process (testing process, facility rent, psych evaluation, and advertisement), and Field Training Officer wages to current paramedics (52 days per year x 24 hrs/day x 5%) when paired with	Includes wages at a firefighter level for student in school, tuition, costs associated with the hiring process (testing process, facility rent, psych evaluation, and advertisement). Paying full salary (at firefighter rate) for the student while in training.	
Other Costs			
Medical Supplies & Equipment	Inflated by projected medical CPI starting in 2005. Includes pharmaceuticals, medical supplies, minor medical equipment and repair/maintenance of medical equipment.		

	Current/King County	Single Fire Service Provider Model	Dual Fire Service Provider Model
Office/Computer Supplies & Equipment	Includes office supplies and small equipment, repair and maintenance of office equipment, and computer equipment and supplies. Inflated by projected forecast CPI (consumer price index) starting in 2005.		
Uniforms, Fire & Safety Supplies	Includes uniforms/clothing/wearing apparel, firefighting gear & maintenance, and safety supplies.		
Facility Costs (including rent)	Based on actual 2003 leases and agreements including the KCM1 headquarters and medic unit quarters; includes facility rental, repair/maintenance/supplies for the facilities, and	Discontinues Medic One Administrative Office in Kent. Includes medic unit quarters, facility rental, repair/maintenance/supplies for the facilities, and the utilities (heat, electricity, water and garbage).	
Telephones & Pagers	Includes costs for telephone, cell phones and pagers.	Includes costs for telephone, cell phones and pagers. Less costly fiber optics.	
Radio costs	Based on actual 2003 numbers and includes radio access and services and radio equipment, maintenance and	Includes radio access & services, radio maintenance, and radio equipment/replacement. Radio upgrades are assumed to come out of donations.	
Vehicle Maintenance & Staff Vehicle Replacement	Includes fuel, minor equipment, and repair/maintenance/vehicles of all vehicles and replacement.		
Medic Vehicle Replacement	Represents the amount allocated for vehicle replacement for medic vehicles.		
Dispatch	Cost paid to dispatching agency - calculated by the median number of calls multiplied by the dispatch cost per call.		
Temporary Help	Cost of temporary help.		
Consulting, Contracts & Hiring Process	Includes costs of consulting, non-paramedic employment hiring process, and other employment related contract costs.	Includes employee assistance and a wellness/fitness program.	
Training	Continuing education calculated at 50 hrs/year/paramedic paid at overtime, however, will level out as some of the training will occur in quarters through computer based training. Costs include travel (including transportation to Tuesday Series), tuition, dues/subscriptions/ books, training materials and other costs (ie:	Committed to more EMS related training than currently going on and above the current CE requirements - eg: National Fire Academy. Costs include travel (including transportation to Tuesday Series), tuition, dues/subscriptions/books, training materials and other costs (ie: employee development).	
Miscellaneous	Includes other travel costs (ie: mileage).	About \$20K annually, extra meals, office supplies, haz mat disposal, printing, binding.	
Indirect Costs	Includes MIS (computer/IS/IT/GIS), King County payroll, personnel/human resources, contracts & grants management, risk management/legal/insurance, accounting & finance, HIPPA compliance, property services, telecomm, and other	Includes risk management/legal, insurance and other indirect costs.	
Revenues			
EMS Levy Allocation	EMS levy allocation per unit for operating the program.		
Vehicle Replacement Allocation	EMS levy allocation for medic unit replacement every 3 years.		

	<i>Current/King County</i>	<i>Single Fire Service Provider Model</i>	<i>Dual Fire Service Provider Model</i>
Contribution from Agency	Contribution from King County to EMS program.	Assumes no contribution from the County.	
Reimbursable	Reimbursement for contracted services. These include Port of Seattle, SIR, Aquatics Center, Amphitheater and other special events		
Inflation			
Forecast CPI (Consumer Price Index)	Rates provided by King County Economist - Chris Haugen. 2005 & 2006 are forecasts, 2007 & 2008 are estimates; used in estimating local 2595 wages through end of levy for KC Council approval and for reviewing EMS levy fund balance and calculating ALS allocation per unit.		

Pro-Forma Assumptions: Detail

	Current Enhanced King County Medic One				Fire Service Alternatives
	2005 Year 1	2006 Year 2	2007 Year 3	2008 Year 4	
CPI (Consumer Price Index) - Applied to Expenses Starting in 2005					
Forecast CPI for other costs	0.0%	2.3%	2.5%	2.5%	same
Medical CPI	0.0%	4.6%	5.0%	5.0%	same
Paramedic Contract CPI	3.0%	2.0%	2.1%	2.3%	-
Medical/Dental & Other Benefits CPI	15.0%	15.0%	15.0%	15.0%	Yr1-0%, Yr2-18%, Yr3-16%, Yr4-12%
Income/Allocation Information					
ALS Units	7	7	7	7	same
ALS Allocation per unit (inflated)	\$1,357,952	\$1,389,184	\$1,423,914	\$1,459,512	same
Vehicle Replacement	3	2	2	3	same
Replacement Allocation per vehicle (inflated)	\$125,408	\$128,293	\$131,500	\$134,788	same
Reimbursable Income/Grants	\$52,000	\$52,000	\$52,000	\$52,000	same
Current Expense/General Fund	\$375,000	\$375,000	\$375,000	\$375,000	0
Certified Staff FTEs					
Paramedics	61	61	61	61	63
MSO (Field)	4	4	4	4	6
MSO -Day Shift (for KCM1 includes Training)	2	2	2	2	
MSO Admin (for Fire Depts includes training)	1	1	1	1	2
MSA	1	1	1	1	0
<i>Subtotal Certified Staff</i>	69	69	69	69	71
Paramedics per unit	8.7	8.7	8.7	8.7	9
Administrative/Clerical FTEs					
Office Manager/Clerical Supv.	1	1	1	1	0
Clerical (AS II)	2	2	2	2	3
<i>Subtotal Admin/Clerical</i>	3	3	3	3	3
Information Systems Support FTEs	0.95	0.50	0.50	0.50	0
Other Support FTEs					
Videographer/Training Support	0.2	0.2	0.2	0.2	0
Electronic Technician	1.0	1.0	1.0	1.0	1
<i>Subtotal Other</i>	1.2	1.2	1.2	1.2	1

	Current Enhanced King County Medic One				Fire Service Alternatives
	2005	2006	2007	2008	
	Year 1	Year 2	Year 3	Year 4	
Medical Direction FTEs					
Medical Director	0.23	0.23	0.23	0.23	same
Medical Officers	0.20	0.20	0.20	0.20	same
<i>Subtotal Medical Direction</i>	0.43	0.43	0.43	0.43	same
Paramedics -- Hours					
Regular Shift hours to be filled	122,640	122,640	122,640	122,640	same
Total office/special projects	2,206	2,206	2,206	2,206	0
Total shift hours	124,846	124,846	124,846	124,846	122,640
Total assigned paramedic hours	152,256	152,256	152,256	152,256	157,248
<i>Paramedic hours as Acting MSO-Reg</i>					
Total available paramedic hrs	124,089	124,089	124,089	124,089	157,248
Leaves	28,167	28,167	28,167	28,167	-
Paramedics -- Overtime					
Average FLSA hrs per year	411	411	411	411	0
Shift extension rate	0.20%	0.20%	0.20%	0.20%	same
Shift extension hours	245	245	245	245	same
Paramedic hr OT to MSOs	76	76	76	76	same
Reimbursable/extra shift hours	800	800	800	800	1,200
Projects/meetings on OT, etc.	600	600	600	600	200
PTA -- Assist other providers	44	44	44	44	
<i>Subtotal Other OT</i>	1,444	1,444	1,444	1,444	1,400
Field MSOs					
Regular shift hours to be filled	8,760	8,760	8,760	8,760	17,520
Total Office/Special projects on RG	24	24	24	24	24
<i>Other hours</i>					
Total shift hours	8,784	8,784	8,784	8,784	17,544
Total MSO hours	9,984	9,984	9,984	9,984	14,976
Total MSO hours for shifts	7,827	7,827	7,827	7,827	14,976
Total MSO Leave hours (SL, VL, etc.)	2,157	2,157	2,157	2,157	
MSO OT for MSO shifts	157	157	157	157	300
Shift Extensions	8	8	8	8	same
Special Projects/other on OT	242	242	242	242	480

	Current Enhanced King County Medic One				Fire Service Alternatives
	2005 Year 1	2006 Year 2	2007 Year 3	2008 Year 4	
Continuing Education					
Min Hours CE per year	50	50	50	50	same
Average Hrs CE per year	50	50	50	50	same
% paid at OT	70%	70%	70%	70%	1
Administrative Staff OT per year	10,000	10,000	10,000	10,000	0
Industrial Insurance Rate					
Field (per hour)	\$1.01	\$1.01	\$1.01	\$1.01	-
Office (per hour)	\$0.22	\$0.22	\$0.22	\$0.22	-
<i>Note: Longevity is built into hourly wage, and changes as average seniority changes. Contractual CPI is in addition and not shown here.</i>					
Salary Scale					
Paramedics	\$28.37	\$28.46	\$28.52	\$28.60	30
Medic One Manager (MSA)	\$45.16	\$45.99	\$45.99	\$45.99	-
MSO (Field)	\$33.41	\$33.72	\$33.87	\$33.72	32
MSO (Day Shift incl. Training)	\$40.58	\$40.96	\$41.34	\$41.34	40
MSO (Admin)	\$43.80	\$43.80	\$43.80	\$44.60	
<i>Other Admin</i>					
Office Manager/Clerical Supv.	\$21.99	\$22.52	\$23.06	\$23.61	-
Clerical (AS II)	\$16.54	\$16.94	\$17.35	\$17.76	23
<i>Average Admin</i>	\$18.36	\$18.80	\$19.25	\$19.71	23
Information Systems Support	\$30.32	\$30.32	\$30.32	\$30.32	35
<i>Other Support</i>					
Videographer/Training Support	\$22.43	\$22.43	\$22.43	\$22.43	47
Electronic Technician	\$25.86	\$25.86	\$25.86	\$25.86	37
<i>Average Other</i>	\$24.15	\$24.15	\$24.15	\$24.15	42
<i>Medical Direction</i>					
Medical Director	\$88.07	\$88.07	\$88.07	\$88.07	same
Medical Officers	\$51.65	\$51.65	\$51.65	\$51.65	same

Note: Longevity assumption is built into average, and held constant over the four years. Contractual CPI is in addition and

	Current Enhanced King County Medic One				Fire Service Alternatives
	2005	2006	2007	2008	
	Year 1	Year 2	Year 3	Year 4	
Overtime rate					
Paramedics	\$42.55	\$42.68	\$42.77	\$42.90	45
MSO-Field	\$50.12	\$50.58	\$50.81	\$50.58	48
MSO-Admin	\$60.87	\$61.44	\$62.01	\$62.01	61
Other Admin	\$27.54	\$28.20	\$28.88	\$29.57	34
Other Support	\$36.22	\$36.22	\$36.22	\$36.22	62
Information Systems Support	\$45.47	\$45.47	\$45.47	\$45.47	52
Hrs per year (for salary calculations)					
Paramedics	2,496	2,496	2,496	2,496	same
MSA	2,088	2,088	2,088	2,088	same
MSO-Field	2,496	2,496	2,496	2,496	same
MSO-Admin	2,088	2,088	2,088	2,088	same
Training Coordinator	2,088	2,088	2,088	2,088	same
Other Admin	2,088	2,088	2,088	2,088	same
Other Support	2,088	2,088	2,088	2,088	same
Medical	2,088	2,088	2,088	2,088	same
Yearly Rate					
Paramedics	\$70,810	\$71,026	\$71,175	\$71,391	74,156
Paramedics with FLSA	\$76,640	\$76,874	\$77,035	\$77,269	-
MSA	\$94,290	\$96,037	\$96,037	\$96,037	-
MSO-Field	\$83,397	\$84,162	\$84,545	\$84,162	79,198
MSO-Admin	\$84,732	\$85,524	\$86,316	\$86,316	84,209
MSO (Admin)	\$91,463	\$91,463	\$91,463	\$93,126	-
Medical Director	\$183,888	\$183,888	\$183,888	\$183,888	same
Physicians/Medical Officers	\$107,843	\$107,843	\$107,843	\$107,843	same
Other Admin (average)	\$38,334	\$39,255	\$40,197	\$41,161	47,314
Information Systems Support	\$63,298	\$63,298	\$63,298	\$63,298	72,433
Other Support (average)	\$50,417	\$50,417	\$50,417	\$50,417	86,965
Paramedic % of time on shift	81.5%	81.5%	81.5%	81.5%	1
Paramedic % of time on leave status	19%	19%	19%	19%	0
MSO % of time on shift	78.4%	78.4%	78.4%	78.4%	1
MSO % of time on leave status	22%	22%	22%	22%	0

	Current Enhanced King County Medic One				Fire Service Alternatives
	2005 Year 1	2006 Year 2	2007 Year 3	2008 Year 4	
Student Training					
# of Medics Trained at HMC	2	2	2	2	same
Months medics in training per year	10	10	10	10	same
Paramedic students (monthly salary or stipend)	\$2,750	\$2,750	\$2,750	\$2,750	5,421
<i>Paramedic students monthly benefits</i>					1,978
Tuition per student	\$10,000	\$10,000	\$10,000	\$10,000	same
Hiring process - testing process, facility rent, psych eval, advertisement)	\$12,250	\$12,250	\$12,250	\$12,250	7,500
FTO Premium	5%	5%	5%	5%	0
FTO Days per student	52	52	52	52	same
Hours per day for FTO	24	24	24	24	same
FTO wages to current paramedics	\$3,540	\$3,551	\$3,559	\$3,570	-
Dispatch					
Dispatch per call	\$21.09	\$21.09	\$21.09	\$21.09	same
Calls @ Median					
KC Medic 4	2,333	2,368	2,405	2,442	same
KC Medic 5	2,153	2,186	2,220	2,254	same
KC Medic 6	1,753	1,780	1,808	1,836	same
KC Medic 7	1,656	1,681	1,707	1,733	same
KC Medic 8	1,795	1,823	1,851	1,879	same
KC Medic 11	1,239	1,258	1,278	1,298	same
KC Medic 12	579	588	597	607	same
<i>Total</i>	11,507	11,684	11,864	12,047	same
Medical supplies/equipment					
Avg Pharmaceutical Cost per call	\$6.44	\$6.44	\$6.44	\$6.44	same
Average Medical Supplies cost per call	\$18.00	\$18.00	\$18.00	\$18.00	same
Minor Equipment-Medical	\$20,140	\$20,140	\$20,140	\$20,140	21,036
Repair/Maint-Medical equipment	\$18,000	\$18,000	\$18,000	\$18,000	10,000
Office					
Office supplies and small equipment	\$18,000	\$18,000	\$18,000	\$18,000	17,500
Repair/Maint-Office equipment	\$2,000	\$2,000	\$2,000	\$2,000	5,000
Office/Computer Equipment & Supplies	\$13,500	\$13,500	\$13,500	\$13,500	15,000
<i>Subtotal Office</i>	\$33,500	\$33,500	\$33,500	\$33,500	37,500

	Current Enhanced King County Medic One				Fire Service Alternatives
	2005	2006	2007	2008	
	Year 1	Year 2	Year 3	Year 4	
Other					
Uniform allowance per person	\$450	\$450	\$450	\$450	same
Uniforms/Clothing/Wearing Apparel	\$31,050	\$31,050	\$31,050	\$31,050	31,950
Firefighting gear & maint; safety supplies	\$11,200	\$11,200	\$11,200	\$11,200	10,000
<i>Subtotal Other</i>	\$42,250	\$42,250	\$42,250	\$42,250	41,950
Facilities					
Rent-KCM1 Headquarters	\$68,428	\$68,428	\$68,428	\$68,428	0
Rent-Avg Medic Unit Quarters per unit	\$6,710	\$6,710	\$6,710	\$6,710	same
Total rent for quarters	\$46,970	\$46,970	\$46,970	\$46,970	same
Total rent	\$115,398	\$115,398	\$115,398	\$115,398	46,970
Repair/Maint/Supplies-Facilities	\$27,500	\$27,500	\$27,500	\$27,500	7,500
Utilities (Heat/Electricity/Water/Garbage)	\$9,000	\$9,000	\$9,000	\$9,000	7,000
<i>Subtotal Facilities</i>	\$151,898	\$151,898	\$151,898	\$151,898	61,470
Communications					
Telephone, Cellular & Pagers	\$44,384	\$44,384	\$44,384	\$44,384	35,000
Radio Access & Services	\$16,000	\$16,000	\$16,000	\$16,000	same
Radio Maintenance	\$12,000	\$12,000	\$12,000	\$12,000	same
Radio Equipment/Replacement	\$16,000	\$16,000	\$16,000	\$16,000	same
<i>Subtotal Communications</i>	\$88,384	\$88,384	\$88,384	\$88,384	79,000
Vehicles					
Fuel	\$39,500	\$39,500	\$39,500	\$39,500	same
Minor Equipment, etc.	\$42,000	\$42,000	\$42,000	\$42,000	same
Repair/Maintenance/Vehicle	\$115,833	\$115,833	\$115,833	\$115,833	same
<i>Subtotal Vehicles</i>	\$197,333	\$197,333	\$197,333	\$197,333	same
Professional Services					
Dispatch	\$242,672	\$246,405	\$250,201	\$254,061	same
Consulting	\$8,000	\$8,000	\$8,000	\$8,000	5,000
Temporary Help	\$10,000	\$10,000	\$10,000	\$10,000	0
Employment hiring process	\$8,000	\$8,000	\$8,000	\$8,000	0
Other Contracts (employment related)	\$1,200	\$1,200	\$1,200	\$1,200	70,000
<i>Subtotal Professional Services</i>	\$269,872	\$273,605	\$277,401	\$281,261	\$317,683 in Yr 1 to \$329,061 in Yr 4

Current Enhanced King County Medic One					
	2005	2006	2007	2008	Fire Service Alternatives
	Year 1	Year 2	Year 3	Year 4	
Training					
Travel	\$5,600	\$5,600	\$5,600	\$5,600	25,000
Tuition	\$10,000	\$10,000	\$10,000	\$10,000	25,000
Dues /Subscriptions/Books	\$3,675	\$3,675	\$3,675	\$3,675	3,000
Training Materials	\$3,540	\$3,540	\$3,540	\$3,540	3,500
Other-employee development	\$1,500	\$1,500	\$1,500	\$1,500	0
<i>Subtotal Training</i>	\$24,315	\$24,315	\$24,315	\$24,315	56,500
Miscellaneous					
Other Travel	\$500	\$2,500	\$2,500	\$2,500	0
Other	-	-	-	-	20,639
<i>Subtotal Miscellaneous</i>	\$500	\$2,500	\$2,500	\$2,500	20,639
Indirect Allocations					
MIS (Computer/IS/IT/GIS)	\$42,751	\$43,820	\$43,820	\$43,820	
Payroll (incl. in KC/PH Overhead)	\$5,569	\$5,708	\$5,708	\$5,708	
Personnel/Human Resources (est)	\$7,383	\$7,567	\$7,567	\$7,567	
Contracts & Grants (est)	\$12,854	\$13,175	\$13,175	\$13,175	
Risk Management/Legal/Insurance	\$6,351	\$6,351	\$6,351	\$6,351	30,000
Accounting & Finance	\$29,350	\$29,971	\$29,971	\$29,971	
HIPPA Compliance (est)	\$10,122	\$10,628	\$10,628	\$10,628	
KC/PH/FD Overhead	\$163,088	\$164,719	\$164,719	\$164,719	
Internal FD/EMS Indirect	\$160,212	\$160,212	\$160,212	\$160,212	
Property Services	\$1,047	\$1,047	\$1,047	\$1,047	
Telecomm	\$2,785	\$2,785	\$2,785	\$2,785	
Other indirect (debt service)	\$6,246	\$6,246	\$6,246	\$6,246	10,000
<i>Subtotal Indirect</i>	\$447,757	\$452,229	\$452,229	\$452,229	40,000