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**Maintenance -- Fire Suppression Systems / City
CR-8749-M7 -- PRICING PAGE**

PROVIDE FIRE SUPPRESSION SYSTEMS REPAIRS AS REQUIRED BY THE CITY OF WORCESTER AS PER ATTACHED SPECIFICATIONS AND REQUIREMENTS CONTAINED HEREIN.

THIS CONTRACT WILL PROVIDE FOR 24 HOURS, SEVEN DAYS PER WEEK EMERGENCY CALL SERVICE. THE CITY'S ESTIMATES & BIDDER'S RATES NOTED BELOW SHALL BE USED FOR BIDDING PURPOSES AS WELL AS ALL SERVICE & MAINTENANCE WORK AND FOR CONSTRUCTION PROJECTS \$9,999 AND UNDER.

Item #	Estimated Annual Quantity	Description	Unit Price	Extended Price
1	250 hours	Hourly Rate 8:00 AM to 5:00 PM Monday thru Friday, Excluding Holidays	\$ 195	\$48,750
2	50 hours	Hourly Rate 5:00 PM to 8:00 AM Monday thru Friday, Excluding Holidays	\$ 285	\$14,250
3	25 hours	Hourly Rate for Saturdays, Sundays, & Legal Holidays and Emergency Response	\$ 310	\$7,750
4	\$25,000	% Mark Up for Contractors' Net Cost for Materials, Supplies, Parts, etc. NOT TO EXCEED 15%	15 %	\$28,750 *
NOTE: NO SINGLE PROJECT MAY EXCEED \$10,000.00				
TOTAL LABOR & MARKUP PRICE				\$ 99,500 **

*Extended Price to be calculated as follows:

Extended Price = Estimated Annual Cost for Materials x (1+% Increase)

Example: % Increase = 15% Estimated Cost = \$75,000

Extended Price = \$25,000 x (1+.15)
= \$25,000 x 1.15
= \$28,750

Percentage Mark-Up on materials shall be maintained for entire contract term.

UNIT PRICING FOR INSPECTIONS

Item #	Description	Quantity	Unit Price	Extended Price
SPRINKLER SYSTEMS				
U1	Annual Inspection – Wet Systems <i>NFPA 25 annual inspection, main drain test, valve operation, waterflow/supervisory testing, FDC inspection</i>	20	\$ 300	\$ 6,000
U2	Annual Inspection – Dry Systems <i>NFPA 25 annual inspection, trip test readiness, low-point drains, compressor check</i>	1	\$ 350	\$ 350
U3	Annual Backflow Testing <i>MA DEP-certified testing for all backflow devices</i>	20	\$ 75	\$ 1,500
U4	3-Year Testing – Wet Systems <i>Internal pipe inspection (sampling), valve testing</i>	20	\$ 600	\$ 12,000
U5	3-Year Testing – Dry Systems <i>Full trip test, internal pipe inspection (sampling), valve testing</i>	1	\$ 1,000	\$ 1,000
U6	5-Year Testing – Wet Systems <i>Obstruction investigation, check valve internal inspection, FDC hydrostatic test</i>	20	\$ 1,200	\$ 24,000
U7	5-Year Testing – Dry Systems <i>Obstruction investigation, check valve internal inspection, FDC hydrostatic test</i>	1	\$ 1,000	\$ 1,000
STANDPIPE SYSTEMS				
U8	Annual Standpipe Inspection <i>NFPA 25 inspection of risers, valves, outlets, PRVs, gauges, signage</i>	3	\$ 300	\$ 900
U9	3-Year Standpipe Flow Test <i>Full flow test, valve testing, pressure verification</i>	3	\$ 800	\$ 2,400
U10	5-Year Hydrostatic Test – Standpipes <i>Hydrostatic testing of standpipe system</i>	3	\$ 2,000	\$ 6,000
U11	5-Year Hydrostatic Test – FDCs <i>Hydrostatic testing of fire department connections</i>	3	\$ 500	\$ 1,500
FIRE PUMP SYSTEMS				
U12	Annual Fire Pump Test – Electric <i>Full flow test, churn test, controller testing, valve testing</i>	1	\$ 1,500	\$ 1,500
U13	Annual Fire Pump Test – Diesel <i>Full flow test, churn test, fuel system, cooling system, battery inspection</i>	1	\$ 1,500	\$ 1,500
U14	3-Year Pump Performance Verification <i>Controller electrical testing, diesel engine testing</i>	1	\$ 1,250	\$ 1,250
U15	5-Year Internal Pump Inspection <i>Internal component inspection, hydrostatic testing of associated piping</i>	1	\$ 1,000	\$ 1,000
TOTAL, INSPECTIONS				\$ 61,900
TOTAL BID PRICE: Labor & Markup (pg 59), and Inspections				\$ 161,400

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Item #	Estimated Annual Quantity	Description	\$175 Unit Price	Extended Price
1	250 hours	Hourly Rate 8:00 AM to 5:00 PM Monday thru Friday, Excluding Holidays	\$ 175.00	\$ 43,750.00
2	50 hours	Hourly Rate 5:00 PM to 8:00 AM Monday thru Friday, Excluding Holidays	\$ 290.00	\$ 14,500.00
3	25 hours	Hourly Rate for Saturdays, Sundays, & Legal Holidays and Emergency Response	\$ 290.00	\$ 14,500.00
4	\$25,000	% Mark Up for Contractors' Net Cost for Materials, Supplies, Parts, etc. NOT TO EXCEED 15%	12 %	\$ 28,000.00*
NOTE: NO SINGLE PROJECT MAY EXCEED \$10,000.00				\$ 100,750.00**
TOTAL LABOR & MARKUP PRICE				\$

*Extended Price to be calculated as follows:

Extended Price = Estimated Annual Cost for Materials x (1+% Increase)

Example: % Increase = 15% Estimated Cost = \$75,000

Extended Price = \$25,000 x (1+.15)
= \$25,000 x 1.15
= \$28,750

Percentage Mark-Up on materials shall be maintained for entire contract term.

UNIT PRICING FOR INSPECTIONS

Item #	Description	Quantity	Unit Price	Extended Price
SPRINKLER SYSTEMS				
U1	Annual Inspection – Wet Systems <i>NFPA 25 annual inspection, main drain test, valve operation, waterflow/supervisory testing, FDC inspection</i>	20	\$ 560.00	\$ 11,200.00
U2	Annual Inspection – Dry Systems <i>NFPA 25 annual inspection, trip test readiness, low-point drains, compressor check</i>	1	\$ 1,400.00	\$ 1,400.00
U3	Annual Backflow Testing <i>MA DEP-certified testing for all backflow devices</i>	20	\$ 210.00	\$ 4,200.00
U4	3-Year Testing – Wet Systems <i>Internal pipe inspection (sampling), valve testing</i>	20	\$ N/A	\$ N/A
U5	3-Year Testing – Dry Systems <i>Full trip test, internal pipe inspection (sampling), valve testing</i>	1	\$ 2,800.00	\$ 2,800.00
U6	5-Year Testing – Wet Systems <i>Obstruction investigation, check valve internal inspection, FDC hydrostatic test</i>	20	\$ 1,470.00	\$ 29,400.00
U7	5-Year Testing – Dry Systems <i>Obstruction investigation, check valve internal inspection, FDC hydrostatic test</i>	1	\$ 2,800.00	\$ 2,800.00
STANDPIPE SYSTEMS				
U8	Annual Standpipe Inspection <i>NFPA 25 inspection of risers, valves, outlets, PRVs, gauges, signage</i>	3	\$ 466.67	\$ 1,400.00
U9	3-Year Standpipe Flow Test <i>Full flow test, valve testing, pressure verification</i>	3	\$ 1,866.67	\$ 5,600.00
U10	5-Year Hydrostatic Test – Standpipes <i>Hydrostatic testing of standpipe system</i>	3	\$ 933.33	\$ 2,800.00
U11	5-Year Hydrostatic Test – FDCs <i>Hydrostatic testing of fire department connections</i>	3	\$ 466.67	\$ 1,400.00
FIRE PUMP SYSTEMS				
U12	Annual Fire Pump Test – Electric <i>Full flow test, churn test, controller testing, valve testing</i>	1	\$ 1,400.00	\$ 1,400.00
U13	Annual Fire Pump Test – Diesel <i>Full flow test, churn test, fuel system, cooling system, battery inspection</i>	1	\$ 1,400.00	\$ 1,400.00
U14	3-Year Pump Performance Verification <i>Controller electrical testing, diesel engine testing</i>	1	\$ 2,800.00	\$ 2,800.00
U15	5-Year Internal Pump Inspection <i>Internal component inspection, hydrostatic testing of associated piping</i>	1	\$ 2,800.00	\$ 2,800.00
TOTAL, INSPECTIONS				\$ 71,400.00
TOTAL BID PRICE: Labor & Markup (pg 59), and Inspections				\$ 172,150.00