



## Environmentally Preferable Purchasing Program

### INTEGRATED PEST MANAGEMENT



<b>WHO</b>	Public Works Department
<b>WHAT</b>	Pest control with less chemicals
<b>HOW</b>	Integrated Pest Management Contractor
<b>COST</b>	Cost-neutral + building improvements
<b>BENEFITS</b>	99% decrease in chemical spraying; reduction of chemical risk.

### GREEN PURCHASING

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IPM is a more effective approach to pest management that combines facility modifications, sealing buildings, and removing pest harborages and food sources. Pesticides are applied at targeted areas only when needed.

An Integrated Pest Management (IPM) Team explored the success of IPM in local schools and elected to implement the identical program as a one-year pilot at the city-owned Public Works Barrister Building. The contract developed by the Public Works Department (PWD) included an inspection and seal of all openings, an IPM management plan, education, and program implementation and evaluation.

### BENEFITS

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Preventing chemical contamination and promoting the use of less toxic materials are important in protecting human health and the environment. Products with minimal toxic materials reduce potential exposure to harmful substances when they are used, and ensure that toxic waste do not end up in landfills, water supplies and stormwater, or contribute to air pollution.

### COST

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The IPM contract costs were equivalent to the existing chemical spraying contract. However, having been built in 1915, an additional \$3,000 in building improvements were needed to ensure the success of IPM, including door and pipe penetration sealing, caulking cracks, and eliminating leaks. IPM education was conducted by city staff to minimize costs.

### PERFORMANCE

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There was a 99% decrease in insecticide spraying. Pest populations were not observed above action levels and the environment was safer due to the lack of pesticide application. From the pilot, collaboration with Phoenix Convention Center and the Library Department are underway to develop a contract that will include more facilities.

### CONTACT

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### CITY OF PHOENIX INFORMATION

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Public Works RFP 120-912, Citywide Pest Control, is available upon request.