



# City Council Report

**Date:** June 1, 2009  
**To:** City Council  
**Through:** Jack Friedline, Deputy City Manager  
**From:** Beth Huning, City Engineer  
**Subject:** Police Department Uninterruptible Power Supply System Replacement  
City Project #08-923-002  
Council District 4

## Purpose and Recommendation

The purpose of this report is to provide information to the Council on the results of the bids received for City Project No. 08-923-002, Police Department (PD) Uninterruptible Power Supply (UPS) System Replacement. Refer to Exhibit "A" for the project location.

Staff recommends that Council award this project to the low bidder, Wilson Electric Services Corporation, for a total award of \$31,167.35.

## Background

This project will be completed at the Main PD building located at 130 N Robson. Within the facility, there are several components of electrically powered equipment, lights, and computer systems that are deemed critical to keeping the Police Station operational in the event of a power outage. A UPS is capable of using batteries to power critical systems connected to it in the event of a power outage, without interruption, until the generator comes online or utility power is restored.

## Discussion

The UPS system in the Main PD building was originally installed in 1989. In October 2008, the UPS system was found to be extremely overloaded and in a state of imminent failure. As such, no maintenance company would agree to repair or service the existing UPS. In November 2008, Facilities Maintenance contracted with a company to replace the UPS with a temporary rented unit until a permanent replacement could be installed.

The permanent UPS system will be acquired through separate Council action on June 22 from a State contract. This project will install the permanent UPS in the building, including associated electric improvements to accommodate the upgrade.

The new UPS system is designed to meet the building's current needs and is easily expandable to meet projected system increases.

Community Impact - The work associated with this project will take place within the building, resulting in no disruption to the community. The timing of two required electrical outages (less than 6-hours in duration each) have been and will continue to be closely coordinated with the Police Department and Facilities Maintenance. These outages will not affect key Police functions. Once begun, the project is anticipated to be completed within twenty-one (21) calendar days.

### **Alternatives**

One option is to not replace the temporary rented UPS. In this case, the City would incur rental charges at the rate of \$2,500.00 dollars per month to ensure the critical systems are operable. The temporary unit also does not address the Police Department's long term needs and this course of action is not recommended.

### **Fiscal Impact**

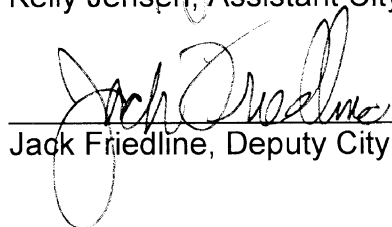
The recommended total award amount for this project is \$31,167.35, based on the low bid of \$28,333.95 plus an additional \$2,833.40 (10% allowance for change orders). Funding is available in the Preliminary FY 09/10 Police Operating Budget.

### **Coordinated With**

The Police Department and Facilities Maintenance Department concur with the recommendation.

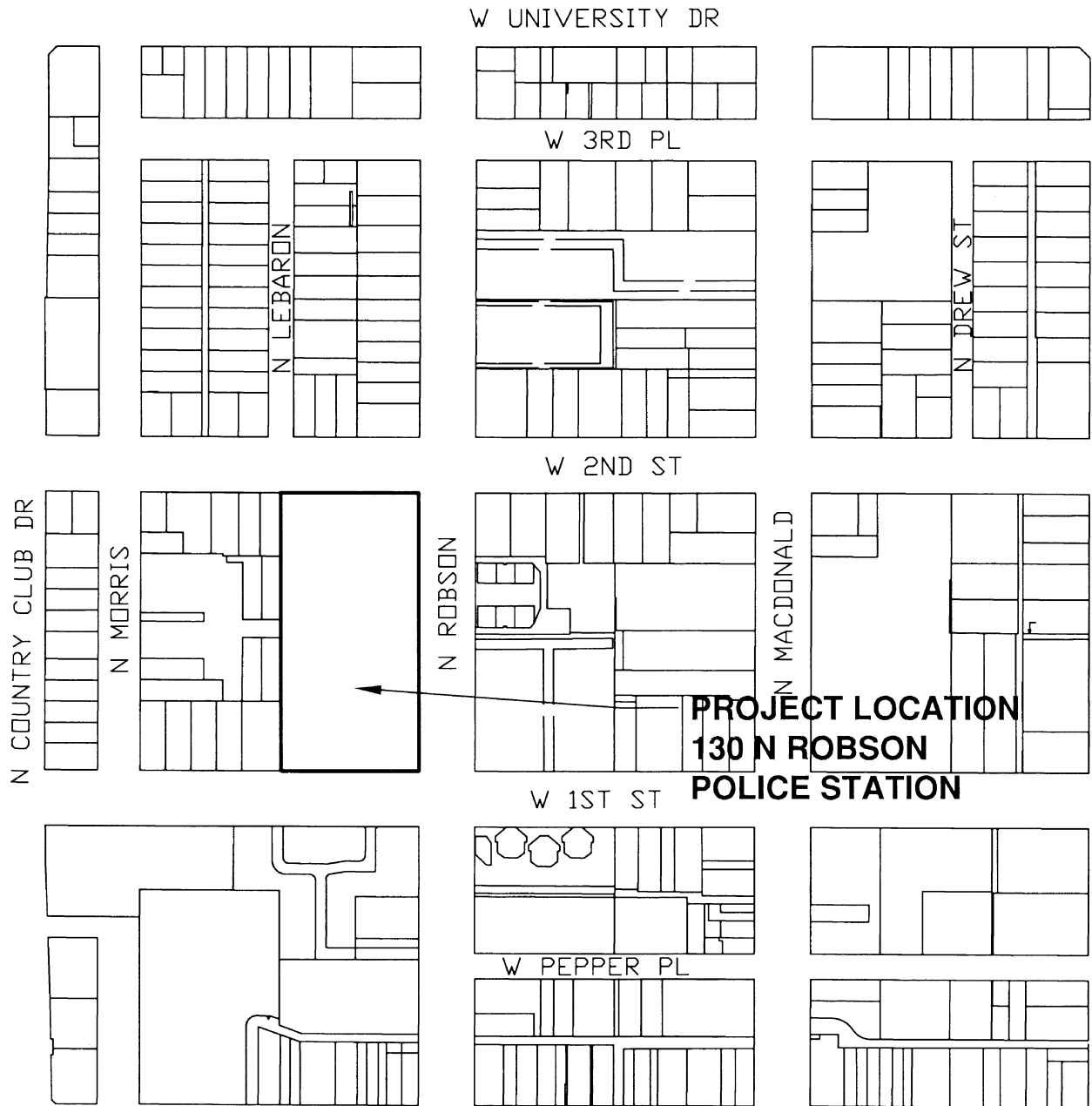
  
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Kelly Jensen, Assistant City Engineer

  
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Beth Huning, City Engineer

  
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Jack Friedline, Deputy City Manager



# EXHIBIT "A"



## POLICE DEPARTMENT UNINTERRUPTIBLE POWER SUPPLY SYSTEM REPLACEMENT

**130 N ROBSON**

PROJECT NO. 08-923-002



Budget Information:  
Funding is available in the Preliminary  
FY 09/10 Police Operating Budget

CITY OF MESA  
MESA, ARIZONA

POLICE DEPARTMENT UNINTERRUPTABLE  
POWER SUPPLY REPLACEMENT  
130 N. ROBSON

PROJECT NO. 08-923-002


Tabulation of Bids Received Thursday, April 30, 2009, at 2:00 P.M.

<b>ENGINEERS ESTIMATE</b>	<b>\$58,500.00</b>
1. Wilson Electric Services Corp.	\$28,333.95
2. Renovation Solutions Group Inc.	\$31,410.00
3. SAK Electric and Plumbing Inc.	\$34,856.00
4. AJP Electric Inc.	\$47,650.00
5. Gruber Power Services	\$52,800.00
6. Desert Mechanical	\$771,900.00

Laron Inc. – Bid Rejected – Took Exceptions

Thomas Electrical Contractors Inc. – Bid Rejected – Took Exceptions

Recommend award to low bidder, Wilson Electric Services Corp., in the amount of \$28,333.95 plus an additional \$2,833.40 (10% allowance for change orders) for a total award of \$31,167.35.

  
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Jack Friedline  
Deputy City Manager