

P0230

PIMA CO CLERK OF THE BOARD

PICKUP



DOCKET: 13034  
 PAGE: 800  
 NO. OF PAGES: 9  
 SEQUENCE: 20070730274  
 04/16/2007  
 ORDIN 14:27  
 PICKUP  
 AMOUNT PAID \$ 0.00

**ORDINANCE NO. 2007 - 33**

**AN ORDINANCE OF THE BOARD OF SUPERVISORS OF PIMA COUNTY ARIZONA RELATING TO GENERAL OBLIGATION AND SEWER REVENUE BOND PROJECTS AMENDING ORDINANCE NUMBER 2004-18 BOND IMPLEMENTATION PLAN, MAY 18, 2004 SPECIAL ELECTION (AS AMENDED OCTOBER 11, 2005 BY ORDINANCE NUMBER 2005-92 AND APRIL 4, 2006 BY ORDINANCE NUMBER 2006-21 AND OCTOBER 17, 2006 BY ORDINANCE NUMBER 2006-84). THE PURPOSE OF THIS ORDINANCE IS TO REALLOCATE BOND FUNDS, AMEND THE SCOPE OF CERTAIN PROJECTS, AMEND IMPLEMENTATION PERIODS FOR CERTAIN BOND PROJECTS, AND AUTHORIZE THE USE OF ADDITIONAL OTHER FUNDS TO FINANCE CERTAIN PROJECTS.**

**WHEREAS**, the Board of Supervisors adopted Chapter 3.06 of the Pima County Code titled "Bonding Disclosure, Accountability and Implementation; and,

**WHEREAS**, in compliance with Chapter 3.06, the Board of Supervisors adopted Ordinance Number 2004-18, the "Bond Implementation Plan, May 18, 2004 Special Election;" and

**WHEREAS**, the Board of Supervisors, on October 11, 2005 enacted Ordinance Number 2005-92 and on April 4, 2006 enacted Ordinance Number 2006-21 and on October 17, 2006 enacted Ordinance Number 2006-84 amending Ordinance Number 2004-18 in compliance with provisions of Chapter 3.06; and

**WHEREAS**, the Board of Supervisors desires to amend Ordinance Number 2004-18 (as amended by Ordinance Number 2005-92 and Ordinance Number 2006-21 and Ordinance Number 2006-84) in compliance with provisions of Chapter 3.06:

**NOW THEREFORE, IT IS HEREBY ORDAINED by the Board of Supervisors of Pima County, Arizona that:**

Ordinance Number 2004-18 (as amended by Ordinance Number 2005-92 and Ordinance Number 2006-21 and Ordinance Number 2006-84), is hereby amended as follows:

**Bond Implementation Plan  
 May 18, 2004 Special Election**

Question No. 2 - Public Health and Community Facilities

**2.7 Mt. Lemmon Community Center**

**Location:** In the Summerhaven area, Mt Lemmon, Arizona

**Scope:** The recently drafted collaborative master plan for rebuilding fire ravaged Summerhaven calls for development of new private and public improvements and facilities. The master plan was created within the context of the environmental, socio-cultural, functional, and economic factors affecting Summerhaven.

Public improvements proposed in this project include new public paths, public parking, roadway improvements, pedestrian and vehicular bridges where required and rehabilitation of portions of Sabino Creek. Proposed public buildings include a new community center with meeting room space and public restrooms, library, public plaza, Sheriff's substation and other public facilities as identified through a public planning process and as available funding allows.

A phased approach for building of public facilities recognizes that planning is an on-going process best done with public input. Public infrastructure improvements should be developed initially. Public buildings should be constructed when the services they house are needed.

**Benefits:** Construction of this community center and other public/private improvements will help with rebuilding of Summerhaven after the devastating Aspen Fire, provide an anchor in the heart of the community, provide a locus of services and amenities for tourists, visitors and residents, and provide a terminus for the Mt. Lemmon Shuttle.

**Cost:** \$1,500,000

**Bond Funding:** \$1,000,000

**Other Funding:** \$500,000 Neighborhood Reinvestment 2004 Bond funds approved to supplement the facility construction.

**Project Duration:** Planning at 8 to 10 months, Design at 14 to 16 months, and Construction at 15 to 24 months.

**Implementation Period:** 2, 3, 4

**Project Management:** Pima County Department of Transportation and Flood Control, and Facilities Management Department

**Future Operating and Maintenance Costs:** Operating and maintenance costs will vary depending on facilities accepted by the community for development.

### Question No. 3 - Public Safety and Justice Facilities

#### **3.1 Pima County Regional Public Safety Communications Network**

**Location:** Countywide

**Scope:** Design, procurement and deployment of a regional public safety voice and data communications network to serve twenty fire districts, eleven police agencies, and the Pima County Office of Emergency Management and Homeland Security. Collectively these entities are responsible for providing public safety and emergency management services to the Pima County populace, and most specifically to their individual jurisdictions. The list of agencies to be served by the regional public safety communications network is presented below:

#### Fire Departments

- |                              |                                 |
|------------------------------|---------------------------------|
| 1. Ajo/Gibson Volunteer Fire | 11. Northwest Fire District     |
| 2. Arivaca Volunteer Fire    | 12. Pascua Pueblo Fire          |
| 3. Avra Valley Fire District | 13. Picture Rocks Fire District |

130

- |                                   |                                   |
|-----------------------------------|-----------------------------------|
| 4. Corona de Tucson Fire District | 14. Rincon Valley Fire District   |
| 5. Drexel Heights Fire District   | 15. South Tucson Fire             |
| 6. Elephant Head Volunteer Fire   | 16. Three Points Fire District    |
| 7. Golder Ranch Fire District     | 17. Tohono O'odham Fire           |
| 8. Green Valley Fire District     | 18. Tucson Airport Authority Fire |
| 9. Helmet Peak Fire District      | 19. Tucson Fire                   |
| 10. Mt. Lemmon Fire District      | 20. Why Fire District             |

Police Agencies

- |   |  |
|---|--|
| 1. Marana Police Department                 | 7. South Tucson Police Department                                  |
| 2. Oro Valley Police Department             | 8. Tohono O'odham Tribal Police                                    |
| 3. Pascua Yaqui Police Department           | 9. Tucson Airport Authority Police                                 |
| 4. Pima College Department of Public Safety | 10. Tucson Police Department                                       |
| 5. Pima County Sheriff's Department         | 11. University Police Department                                   |
| 6. Sahuarita Police Department              | 12. Pima County Office of Emergency Management & Homeland Security |

General Scope/Description

The new system will provide the most modern, state-of-the art and widespread on-street coverage for the majority of Pima County first responders and will be scalable so that additional users, features and capacity can be added to the system as needs and resources dictate.

This proposal will deploy a digital 800MHz trunked radio system operated throughout Pima County. This will allow Pima County to reuse and split frequencies already licensed to the County and other partners to serve more needs. Use of a trunked system with a simulcast subset will assure the most efficient use of resources.

The proposed system is inclusive of high performance data communications. Police and fire agencies utilize mobile data technology to provide their first responders with information that can help them to successfully manage incidents. Police officers require computer aided dispatch and intelligence information, while firefighters are aided by information about facilities, hazardous materials inventories and location maps.

Global positioning satellite technology is also proposed. GPS transmitters in mobile radios will send the coordinates of vehicles to a mapping application so that agencies can immediately identify, locate and manage personnel resources. This will improve both public and first responder safety.

The system will also allow for "interoperability," which means first responders from different agencies can talk directly, in real-time to each other, to better coordinate their actions and emergency response actions.

1. Regional Communications Center and Homeland Security Emergency Operations Center

An approximately 50,000 square foot facility, proposed to be located at 2399 East Ajo Way, in Tucson will be constructed. The Communications Center would allow for co-location of the dispatch functions of the Pima County Sheriff, Tucson Police Department, and Tucson Fire Department.

131

## 2. 9-1-1 Telecommunications Equipment

Upgrade and replace telephone equipment infrastructure; 9-1-1 telecommunications infrastructure; all telephone switching equipment related to the new county/city communication center and Emergency Operations Center (EOC); and Public Safety Answering Point (PSAP) equipment.

## 3. Automatic Vehicle Location

Global positioning satellite tracking technology is also proposed. GPS transmitters in mobile radios will send the coordinates of vehicles to a mapping application so that agencies can immediately identify, locate and manage their personnel resources. This will improve both public and first responder safety.

## 4. Tucson Fire Department Basic-In-Building Coverage

The City of Tucson, with a service population nearing 500,000, and with the existence of multi-story and complex structures requires that the on-street radio coverage be enhanced to a level that would accommodate basic in-building coverage. Antenna sites are to be determined. Reuse of existing sites in the City of Tucson and Pima County are recommended. On-street coverage will be enhanced by adding and supplementing existing sites in the City of Tucson service area.

### **General Implementation Principles**

A. Governance Structure - Bond investments will be guided by multi-jurisdiction police and fire management consultation and cooperation committees to maximize effectiveness and hence public safety. To achieve this multi-jurisdictional cooperation, three committees will be formed: an Executive Management Committee, a User Committee, and a Technical Committee. An Executive Management Committee, Sheriff serving as chair, shall be formed to manage all decisions related to Program implementation. The Executive Management Committee shall consist of the Sheriff, representatives from the four largest law enforcement entities in the County, the three largest fire agencies, and the Pima County Department of Emergency Management and Homeland Security. This nine-member Executive Management Committee will be responsible for implementation of the public safety communications program funded by bonds. A User Committee will be formed to be advisory to the Executive Management Committee, made up of representatives of all police and fire agencies in Pima County and participating federal and state agencies. The Executive Management Committee shall also appoint a Technical Committee to develop all necessary technical analyses in support of radio system development. The Executive Management Committee will make all recommendations for bond fund expenditures to the Board of Supervisors.

B. Minimum Planning and Performance Standards - Before bonds are sold for any purposes other than preliminary engineering and planning, the committee will develop a detailed report on: 1) system performance specifications that will provide assurances that the communications system will comply with all actual and pending national standards for such systems; 2) a detailed operation and maintenance plan that details how a single, unified, regional public safety communications system will be created and operated; and 3) all public safety agencies in Pima County, including tribal agencies, will execute intergovernmental agreements in which they commit to participate in the system as well as use communications equipment in a manner consistent with the technical specifications and management for a unified regional system, and

to not operate any other communications systems that will deter from or otherwise impede the operation of the unified, regional system; and to not unilaterally withdraw from the unified, regional system without adequate written notice to all other parties to the agreement.

C. Bond Funding Limited - The \$92 million of bonds authorized is the minimum expenditure for the proposed regional public safety communications system. The participating public safety agencies will commit to an aggressive and continuing effort to obtain federal and state grants for this purpose. It is estimated that another \$13 million or more is needed to develop the minimum desired system.

D. Service Life - The systems and equipment purchased must have a physical service life of at least 20 years and will be compatible to the maximum extent practical with evolving technological innovations that can be reasonably foreseen.

E. Cooperation with State and Federal Agencies - State and federal agencies, as well as surrounding southern Arizona counties, will also be invited to participate in the User Committee in development of a regional system such that the system can easily accommodate federal and state investments for this purpose.

F. Homeland Security - Development of the public safety communications system will also cooperate to the maximum extent possible with the efforts of the Federal government to increase Homeland Security.

**Component Cost Estimates:**

The following cost components are presently estimated for the system.

| <u>Component</u>   | <u>Estimated Costs</u> |
|--|------------------------|
| 1. Engineering Design  | \$ 1,000,000           |
| 2. Voice and Data Communications Network   |                        |
| Radio Network Infrastructure   | 22,900,000             |
| 9 existing radio transmitter sites requiring transmitters, microwave radio links, shelters, power, tower modifications & storage facilities                    |                        |
| 3 proposed radio transmitter sites requiring transmitter, microwave radio links, towers, structures, shelters, power, storage facilities, civil work & studies |                        |
| High performance data infrastructure   | 2,250,000              |
| High performance mobile modems   | 3,897,600              |
| Subscriber Equipment   | 23,985,582             |
| 1,476 public safety mobile radios  |                        |
| 3,523 public safety portable radios  |                        |
| 140 consollette control stations   |                        |
| 3. Regional Communications Center and Homeland Security EOC  | 17,747,500             |
| 4. 9-1-1 Telecommunications Equipment  | 3,400,000              |
| 5. Automatic Vehicle Location  | 5,392,000              |
| 6. City of Tucson Fire Department In-Building Coverage   | <u>24,286,253</u>      |
| <b>Total</b>   | <b>\$104,858,935</b>   |

**Bond Funding: \$92,000,000**

ATTENTION SECURITY

133

**Other Funding:** \$13,000,000 - Federal and state funding should be available to cover this other funding from a variety of sources. The County started working with the Arizona and Pima County Congressional delegation in January 2004 on securing this additional funding, as well as initiating cooperative discussions with the Federal Department of Homeland Security.

**Implementation Period:** 1, 2, 3, 4, 5, 6. Funding will first be provided for necessary master system implementation study as identified in the Implementation Process section of this ordinance. This will allow a number of options to be examined for short-term financing to possibly purchase systems ahead of bond revenue cash flow.

**Implementation Process:**

Implementation of this program requires further detailed study and analysis. Prior to incurring major expenses, a master system implementation study will be conducted that provides: a) a radio system needs assessment, b) a technical study that identifies improvements necessary, c) a request for proposals to procure the system, hardware and equipment necessary to meet the performance parameters agreed upon, d) a strategy and detailed plan to obtain and develop additional funding to complete the improvements necessary that are not funded with bond funding, e) an assessment of vendors that are federally pre-qualified to provide wireless communication systems for public safety and homeland security, as well as an analysis of the cost-effectiveness of using pre-approved and authorized federal procurement processes to acquire the desired systems and equipment, and f) development of cost recovery formulas and charges to pay for system operating, maintenance and replacement costs. Results of this study will be used to plan the expenditures of bonds to meet the desired results of this bond program to develop and implement a regional public safety communications system that meets public safety agency requirements and those related to homeland security needs.

**Benefits:**

Pima County taxpayers fund twenty fire districts, eleven police agencies and the Pima County Office of Emergency Management and Homeland Security. Collectively these entities are responsible for providing public safety and emergency management services to the Pima County populace, and most specifically to their individual jurisdictions.

Their independently developed communications systems hinder interagency communications and compromise public safety. Systems deployed to meet the needs of individual jurisdictions are overlaid by even larger systems providing overlapping coverage within the same geographic area.

The cities or towns of Oro Valley, South Tucson, Tucson, Marana, Pima County, and some of the fire districts operate their own communications systems. Other smaller jurisdictions have made arrangements to share a neighboring system to meet their needs. These individual systems utilize proprietary equipment and operate in disparate frequency bands making effective interoperability very difficult.

Thirty-one local and state agencies have cooperatively deployed a radio gateway that rebroadcasts transmissions from one system to others on dissimilar frequencies from a radio site in the Tucson Mountains. This provides limited coverage, only one channel on which to interoperate, and communications delays. Because of its limitations, this system has rarely

134

been put into service. When a catastrophic event occurs, multiple channels and widespread coverage are required to coordinate public safety activities. Today this level of resource is not available.

Public safety first responders rely on many tools to provide quality policing and fire services. None is more important for their safety and efficiency than their ability to communicate on demand, in real time with a reliable communications system. The primary concern of public safety agencies is the safety and protection of the citizens of Pima County. When catastrophic events occur, first responders are challenged to perform lifesaving tasks and to minimize property damage. The greater the crisis, the more public safety agencies need an efficient, coordinated response. To aid the public quickly and effectively by functioning as a team, these responders need realtime communications with each other. And because emergencies rarely respect geographical and political boundaries, public safety agencies of other communities also regularly respond. The terrorist attacks of September 11, 2001 serve to reinforce the need for interoperable, reliable communications for public safety workers.

In summary, it is the first time in history that there is a convergence of need at a time when technology is prepared to meet that need. A regional communications system will create an opportunity for agencies to work closely together for a common goal. It will provide effective interoperable voice communications to public safety workers so that they may provide improved services. It will eliminate duplication of effort and eliminate increased costs to taxpayers. It will provide all public safety workers with a communications network that will improve their safety and access to resources. It will dramatically improve the safety of all citizens in Pima County.

#### Question No. 4 - Parks and Recreational Facilities

#### **4.30 Eastside Sports Complex and Senior Center Site**

**Location:** Develop eastside sports complexes at Udall Regional Park and Lincoln Regional Park.

**Scope:** This project will provide for existing soccer field lighting and the construction of two additional lighted soccer fields with support facilities and associated amenities at Udall Regional Park as well as the construction of a 4-field lighted baseball/softball complex with support facilities and associated amenities at Lincoln Regional Park.

**Benefits:** This project will provide facilities in an area of the city with a shortage of sport fields. This project will address the community's need for sport fields as identified in the City of Tucson Parks and Recreation Ten Year Strategic Service Plan.

**Cost:** \$6,000,000

**Bond Funding:** \$6,000,000

**Other Funding:** None identified at this time. The City of Tucson will seek other revenue sources, including Arizona Heritage Funds.

**Project Duration:** Planning, Design and Procurement Phases will require 10 to 12 months. Construction will require another 10 to 12 months.

**Implementation Period:** 1, 2, 3

**Project Management:** The City of Tucson will manage design and construction for the project pursuant to an intergovernmental agreement between the City of Tucson and Pima County, which will be necessary to implement this project.

**Future Operating and Maintenance Costs:** The City of Tucson will own and operate the completed project. The additional annual operation and maintenance cost for this project is estimated to be \$494,550. This cost will be funded through the City of Tucson Operating Budget - General Fund.

#### **4.46 Wilmot Branch Library Replacement or Relocation**

**Location:** The area bordered by Craycroft, Speedway, Kolb and Broadway; within the City of Tucson.

**Scope:** Design and construct renovations of the existing 19,000 square foot library. The renovations will maximize efficient use of existing space. Design and construct, as determined necessary, an addition to the existing library of up to 6,000 square feet. The building will house an expanded collection, state-of-the-art technology, information computer commons, large meeting room(s) and small study rooms, and a self-directed service check out. Library operations will be conducted from a temporary facility during renovation and construction.

**Benefits:** The current library was constructed in 1965 and is considered by many to be a seminal work by the renowned modernist architect Nicolas Sakellar. A design charette was conducted to determine the most cost-effective and efficient means of retaining the existing building and providing library services in the neighborhood. The charette proved that the existing space could be redesigned and modified to enhance efficiency and minimize the need for new construction. The remodeling and addition will enhance the Pima County Public Library's mission of supporting education, literacy, and lifelong learning throughout Pima County. This library serves customers from all of Pima County.

**Cost:** \$7,000,000, This amount will include design and construction of remodel and any addition, the expansion and enhancement of the existing collection and rent payments for a temporary facility.

**Bond Funding:** \$7,000,000

**Other Funding:** None.

**Project Duration:** Planning/Design and Construction will begin in 2007 and be completed by the end of 2009.

**Implementation Period:** 2, 3, 4

**Project Management:** The project will be managed by Pima County Facilities Management.

**Future Operating and Maintenance Costs:** Pima County Library District, a library district established pursuant to the laws of the State of Arizona, operates libraries throughout unincorporated Pima County and in most incorporated cities and towns in the County. Based on an intergovernmental agreement with the City of Tucson, the building will be conveyed by the City to the library district. No additional.

136

