911 RADIO UPGRADE PROJECT

COUNCIL BLUFFS CITY COUNCIL

PROJECT GOALS

- PROVIDE RADIO-BASED COMMUNICATIONS WITHIN OUR AGENCIES AND PUBLIC SAFETY PARTNERS – TDMA & ENCRYPTION
- REPLACE RADIO HARDWARE THAT HAS REACHED THE END OF ITS SERVICEABLE LIFE
- USE AVAILABLE ARPA FUNDING TO:
  - BRING FEDERAL TAX $$ BACK TO LOCAL COMMUNITIES
  - AVOID BONDING OR TAX HIKES TO PAY FOR THE UPGRADES
- RIGHT-SIZED THE HARDWARE NEEDS FOR EACH AGENCY

HISTORY

- ORION PARTNERSIP – (NE) DODGE, DOUGLAS, WASHINGTON, SARPY, OPPD, (IA) POTT COUNTY
- POTT COUNTY JOINS ORION (OMAHA METRO RADIO SYSTEM) IN 2009-2010
  - AN ADVANCED 700/800 MHZ SYSTEM
  - OMAHA METRO IS OUR BIGGEST INTEROPERABLE PARTNER
- RADIOS NO LONGER SUPPORTED!

HISTORY CONTINUED

- ISICS – *IOWA STATEWIDE INTEROPERABLE COMMUNICATIONS SYSTEM*
- ORION (METRO) VS. ISICS STATE OF IOWA SYSTEM
- ORION STILL BEST OPTION - PROVIDES THE METRO AREA WITH SUPERIOR INTEROPERABILITY
- ISICS ALLOWS US TO JOIN AS A LEVEL II USER – THE BEST OF BOTH WORLDS

IT'S THE RIGHT CHOICE

- SERVICE TO OUR CITIZENS
- SAFETY OF FIRST RESPONDERS
- PRE-PLANNED AND UNFOLDING
  - 2011 FLOOD
  - MULTIPLE JOINT VENTURES LIKE THE 2020 CIVIL UNREST

TECHNOLOGY

- TDMA – EFFICIENT USE OF CURRENT BANDS
- FIRST RESPONDER SAFETY – LOCATION
- APCO (911 TRADE GROUP) RECOMMENDED
- POTTAWATTAMIE COUNTY – LAST TO CONVERT TO TDMA
- ISICS REQUIRES TDMA –
  - WE HAVE TO BE TDMA COMPLIANT TO COMMUNICATE WITH STATE PARTNERS ON ISICS
- ORION IS READY – COULD MANDATE AT ANY TIME

TECHNOLOGY - ENCRYPTION

- PROTECTS CITIZENS AND FIRST RESPONDERS
- WE HAVE MULTIPLE INCIDENTS OF CRIMINALS USING SCANNER APPS TO EVADE THE POLICE
- ANTICIPATE OMAHA ENCRYPTING IN 2022
- ENCRYPTION KEYS – REQUIRED TO SEND/RECEIVE INCLUDING ON OUR CONSOLES

BOTTOM LINE

- CRITICAL REPLACEMENT & UPGRADE
- ENHANCE SERVICE COUNTY-WIDE
- TIMELY - APRA FUNDING –
  - PREVENTS THE NEED TO BOND
  - ALLOWS US TO BRING FEDERAL TAX DOLLARS BACK TO LOCAL LEVEL
  - PREVENTS THE NEED FOR A TAX INCREASE

COST

- TOTAL SYSTEM UPGRADE COST – $1,716,625 PAID BY 911 SURCHARGE BOARD
- CITY OF COUNCIL BLUFFS TOTAL COST – $2,283,751
- POTTAWATTAMIE COUNTY COST - $3,230,656
  Total Cost: $7,234,656
- USING THE BEST GOVERNMENT CONTRACT PRICING WITH MOTOROLA THE STATE OF IOWA DAS CONTRACT

AMERICAN RECOVERY PLAN

- PROJECT WILL FORTIFY AND ENHANCE THE PUBLIC SAFET RADIO SYSTEM IN POTTAWATTAMIE COUNTY
- AUGMENTS OUR RESPONSE TO GUN AND OTHER TYPES OF VIOLENT CRIMES
- THE DAS CONTRACT IS 2 CFR 200 COMPLIANT – ALLOWING US TO UTILIZE ARPA FUNDS

RECCOMENDATIONS

- TO TAKE ADVANTAGE OF THE MOTOROLA CONTRACT WE NEED SIGNATURES BY NOVEMBER 19, 2021
- ROLL-OUT WOULD BE APRROX MARCH-APRIL
- WE HAVE ADDED 5% CONTINGENCY – NOVEL USE
- COUNTYWIDE EFFORT TO FORTIFY PUBIC SAFETY COMMUNICATION – TRULY AN INTERGOVERNMANTAL PROJECT
- WE RECOMMEND APPROVAL OF THE RESOLUTION FOR THIS PROJECT