

BOARD OF COUNTY COMMISSIONERS
SARPY COUNTY, NEBRASKA
RESOLUTION AUTHORIZING GRANT APPLICATION FOR
THE EMERGENCY OPERATIONS CENTER GRANT PROGRAM

WHEREAS, pursuant to Neb. Rev. Stat. §23-104(6) (Reissue 2007), the County has the power to do all acts in relation to the concerns of the county necessary to the exercise of its corporate powers; and,

WHEREAS, pursuant to Neb. Rev. Stat. §23-103 (Reissue 2007), the powers of the County as a body are exercised by the County Board; and,

WHEREAS, AN Emergency Operations Center (EOC) grant is available through the Nebraska Emergency Management Agency (NEMA) to Sarpy County; and,

WHEREAS, in order to apply for such funds, it is required that Sarpy County must submit an application to the Nebraska Emergency Management Agency; and,

WHEREAS, in order to provide for a grant application in Sarpy County, the Board of County Commissioners has reviewed the grant process and application and has approved the submittal to the State of Nebraska for 2010 Grant funding.

NOW, THEREFORE, BE IT RESOLVED, By the Sarpy County Board of Commissioners that Sarpy County is authorized to apply for the Emergency Operations Center (EOC) grant for Sarpy County contingent upon review of the final application by the Sarpy County Administrator and Sarpy County Fiscal Administrator.

BE IT FURTHER RESOLVED, that the Board Chairman is hereby authorized to sign application and other required documentation.

DATED this _____ day of _____, 2010.

MOVED by _____, seconded by _____, that the above Resolution be adopted. Carried.

YEAS:

NAYS:

ABSENT:

ABSTAIN:

Attest:

SEAL

Approved as to form:

County Clerk

County Attorney

FY 2010 EOC Grant Program Investment Justification

I. APPLICANT INFORMATION

EOC Name: Sarpy County EOC/E911 Operations Center

Project Name: Sarpy County EOC/E911 Center

Applicant: Jurisdiction: Sarpy County EOC/E911 Center

Application Type: Competitive

EMPG Funding Designated: None

Investment Type: Construction

Total Cost: \$3,377,045 Requested EOC Funds \$1,000,000 Grantee Match \$2,377,045

A "Next Generation" EOC for Sarpy County, NE will incorporate a "Sustainable Design" facility planning practices that will employ the following LEED Certified standards for Integrated Planning & Design Process, Attention to Personnel, Sustainable Design Protected from Man-Made & Environmental Hazards, Integrated Systems Design.

This project will serve an estimated population of 150,000 of Sarpy County Citizens, Offutt Air Force Base and a Douglas County/Metro population in excess of half of a million. This project bares an estimated cost of \$3,377,045.

II. OVERALL

The Sarpy County EOC will have a "state of readiness" that will enable it to flow into a full ICS/EOC interface.

The EOC will play an extended role in the emergency management function supporting mitigation, planning, exercise and training venues. When the EOC status changes, and needs to stand up for operations, the facility configuration will enable the EOC personnel to employ the operations component of the EOC without hesitation.

During operational periods, the EOC will be utilized for all phases of the incident; from situational assessments to the coordination of resources with response groups and for recovery operations as the situation necessitate.

The EOC is designed support up to 35 personnel with the capability to support shift changes for multiple 24 hr operational periods. Key EOC personnel will have quarters available to accommodate 24/7 operational periods providing for the retention of staff for a COOP/COG event scenario that will help maintain the EOC/E911 Communications Center staffing needs.

The EOC will boast integrated technologies that have been leveraged from previous Homeland Security Grants allowing the EOC Group to interface with key field personnel utilizing 800 Mhz trunked radio communications systems, CODESPEAR Smart Messaging System and a High

Performance Data network that will interface and link the Field Command and EOC operations. The EOC Management Team will be utilizing a variation of communications capabilities integrated into the EOC/E911 Center such as video teleconferencing advanced computer interfaces, GIS mapping giving the EOC Management Team the abilities to near real-time information coming from the Field Teams allowing the EOC Executive Group to have an expanded emergency management capacities to make management decisions coupled with key resources that directly affects the Field Teams and their operations.

The design will allow for interface with and serve an additional population of half of a million in a "Backup EOC" capacity for Douglas County/Metro Area or as a "Regional EOC" serving in a multi-county /multi-state regional capacity.

III. NEEDS ASSESSMENT

Initially two assessments have been completed; the first assessment was conducted by Wilson Estes Police Architects in July 2006; the second assessment was conducted by Carlson West Povondra Architects in June 2007.

The results of those assessments identify and quantify the need for this project proposal which supports Sarpy County's intentions to have a fully functioning EOC for an effective and successful management of emergencies and disasters through utilization of technologies, automated practices and procedures.

Currently Sarpy County does not have a dedicated working EOC which proved to be a hindering factor during the multiple storms of June 2008. It became very evident just how beneficial it would have been to have a designated functional EOC for the Sarpy County Executive Group to have the ability to assess and assign available resources from one control point and have capabilities to interface within the same spatial area for the EOC Group/staff to provide for a coordinated managed response and recovery operation. Through an After Action Review (AAR) process, the following deficiencies were noted:

Lack of an effective EOC facility, Command and control- lacking (ICS/EOC interface), breakdown in communications between agencies, Lack of spatial and support capabilities.

During the incident response phase, the ability to track the incident in real-time and the response efforts necessary to prevent duplication of efforts were not present. Should Sarpy County exceed its current resources, requests will go unaddressed but streamlining this process and improving the EOC response capabilities; life saving actions coupled with incident stabilization will improve response and recovery efforts for the citizens of Sarpy County. An automated operations log is currently being tested to help EOC staff effectively manage, track and document the response and recovery process. Various EOC management software programs are being researched that could provide an effective information interface to local, state & federal fusion centers.

IV. INVESTMENT IMPACT

An immediate impact would be realized by having a fully functioning dedicated EOC that would have the ability to incorporate the initial decision makers into one environment for the simplicity to manage the incident early in the event life-cycle. Positive decisions made early in the response phase will impact life safety operations and provide the opportunity for early incident stabilization.

The level of preparedness of the EOC has a direct affect that could shorten EOC operational periods thus requiring less staff being dedicated to each shift giving EOC Managers ability to meet normal ongoing staffing schedules.

The facility square footage will provide for a number of key decision makers that could help impact the decision process. The proposed design will allow for our non-governmental partners participation that may provide additional expertise to the EOC operations as a Subject Matter Experts and or as Facility Operators representing Critical Infrastructure Key Resources providing key information and available resources to the EOC Group. Together, as they perform the roles and responsibilities functioning EOC Group, they will identify, determine and request what additional resources may be sought from our State and Federal Partners.

V. PRE-EXISTING PLANNING

No architectural plans have been developed at this time. Any permitting that will be needed will be listed for the Planners to address with Federal, State and local. Pre-existing planning has been conducted in the form of spatial studies, site studies, funding for land acquisition and capital improvement funding sources. The EOC shall provide a central location, sufficient spatial area that will provide for a protected facility.

The EOC design will provide for self sufficient capabilities such as emergency power to maintain the EOC capabilities, additional potable water storage, backup HVAC systems and sanitary systems, co-ed personnel quarters for 24/7 operational periods and a cafeteria design for food preparation. EOC shall be located and isolated from high traffic areas to provide security by design for access to the facility by vehicle. The inner perimeter will be secured with designs to limit unauthorized vehicle access and provide for multiple security levels for personnel safety through controlled accesses. Dependent upon the final architectural design; the facility will be partially bunkered to provide up to an EF3 Fujita Scale rating and points towards the hardening of the whole facility.

The proposed design will give the facility an efficient climate rating using a bunker design in conjunction with geo-thermal heating and cooling. An all electric HVAC backup will provide for the heating and cooling for the facility. The following risks are being address at all phases of the project to allow for the best practices,

FEMA 426/452: Identifying and mitigating man-made and terrorist threats. This will be addressed in the design phase.

FEMA 361/543: Identifying and mitigating flood and wind hazards. This will be addressed in the design phase. However, site studies were conducted with heavy emphasis on flood hazards. High Wind hazards will be mitigated in the bunker design.

FEMA 310 (ASCE 31)/356: Identifying and mitigating seismic hazards. This will be addressed in the design phase.

The current setting has been most recently constructed within the origin spatial design in the past 3 years and has maximized the space for daily staffing workloads.

VI. FUNDING PLAN

Funding for this project is being addressed by the Sarpy County Finance Director through the adjustments of the County Mill levy to cover the cost of the project expenditures. The project costs include but are not limited to the following items:

Architectural and engineering fees, project inspection fees, site work that includes geo technical soil bearing, earth work and site utilities, building construction, security and information

technology equipment and those unknown contingencies during the construction phase.

VII. FUNDING SOURCES

No supplemental funding has been sought at this point in time but may need to secure additional capital outside of what is being applied for in the EOC Grant and what has been earmarked for the capital outlay of this identified for this project.

VIII. INVESTMENT CHALLENGES

Site Acquisition: Probability: Low - This challenge has a low probability of occurrence but negotiations on land acquisitions can fall through. The management team is working to identify all potential properties.

Selecting an appropriate site for the facility: - Probability: Medium - Finding a suitable land parcel that will accept and incorporate Sustainable Designs for protection from man-made and environmental hazards. Other considerations are infrastructure that is developed and can will meet or exceed the facility requirements. Currently, one location was ruled out and the other prime location is in the negotiation phase.

Meeting NEPA and EHP requirements: Probability: Medium - This is a lengthy process that requires attention to detail so Federal approvals are received keeping the project on schedule to meet grant timelines. Currently, a bond is available.

IX. PROJECT MANAGEMENT

Project Management is being comprised of a Team composed of the Sarpy County Administrator, County Finance Director, County Clerk, County Board Chair and County Building Superintendent along with the architect/engineer, general contractor and agency department head. The inter-agency Emergency Planning Committee will assist with the operational design giving way to the approach that has been taken with all capital improvement projects in Sarpy County over the past two years.

The team will work closely with all contracted workers and the architect/engineer to ensure the project meets or exceeds all required standards including

FEMA 426/452: Identifying and mitigating man-made and terrorist threats,

FEMA 361/543: Identifying and mitigating flood and wind hazards,

FEMA 310 (ASCE 31)/356: Identifying and mitigating seismic hazards. Additionally the Management Team will have a representative attending a Research & Planning seminar for the new Public Safety Facilities. Expectations from this seminar includes information to help initiate a "Step by Step" blueprint process to build a public safety facility that meets and/or exceeds the needs for an Integrated EOC design and build for Sarpy County. Some specific areas of considerations include building a hardened "Green Design" facility that in-corporate multiple security considerations with a specialized design for technological considerations and attention to personnel needs. Application of those considerations, coupled with planning, zoning and building codes, will help ensure the project design meets or exceeds the local need today and beyond. Special considerations were taken during the interviewing and hiring of the architect/engineer. The Project Management Team is looking at a design that incorporates a hardened "Green Facility" while implementing those best practices for facility maintenance and sustainability.

X. MILESTONES

1. Consultation to hire an approved Architect – 1st Quarter 2010 – Completed
2. Project Specifications – 2nd Quarter 2010
3. Architect design reviews & approvals / Environmental and Historical Preservation Compliance -2nd Quarter 2010
4. Seek & accept bids – 3rd Quarter 2010
5. Hire Contractor - 3rd Quarter 2010
6. Pre-Construction Meeting - 3rd Quarter 2010
7. Construction begins, Break Ground - 4th Quarter 2010
8. Monitor Project Construction – 1st Quarter 2010 through 4th Quarter 2011
9. Post Construction approval & acceptance – 1st Quarter 2012
10. EOC Facility fully operational – 2nd Quarter 2012

Sarpy County Board of Commissioners

1210 GOLDEN GATE DRIVE
PAPILLION, NE 68046-2895
593-4155
www.sarpy.com

ADMINISTRATOR
Mark Wayne

DEPUTY ADMINISTRATOR
Scott Bovick

FISCAL ADMIN./PURCHASING AGT.
Brian Hanson



COMMISSIONERS

Rusty Hike
District 1
Joni Jones
District 2
Tom Richards
District 3
Pat Thomas
District 4
Rich Jansen
District 5

MEMO

To: Sarpy County Board
From: Carrie Davis-Sedlacek
Re: 2010 Emergency Operations Center Grant Program

On January 12, 2010 the County Board will be asked to authorize the grant application for the 2010 Emergency Operations Center (EOC) Grant Program.

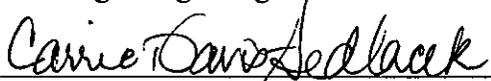
The grant application requests \$1,000,000 in federal funds. The FY 2010 EOC Grant Program is intended to improve emergency management and preparedness capabilities by supporting flexible, sustainable, secure, strategically located, and fully interoperable EOCs with a focus on addressing identified deficiencies and needs. The Sarpy County EOC will play an extended role in the emergency management function supporting mitigation, planning, exercise and training venues. When the EOC status changes, and needs to stand up for operations, the facility configuration will enable the EOC personnel to employ the operations component of the EOC without hesitation. During operational periods, the EOC will be utilized for all phases of the incident; from situational assessments to the coordination of resources with response groups and for recovery operations as the situation necessitate.

The County is required to provide \$2,377,045 in local match funds.

The application is due to the State Administrative Agency on January 15, 2010.

Larry Lavelle will be present to address questions regarding this grant

January 8, 2010



Carrie Davis-Sedlacek
593-1565

cc: Mark Wayne
Brian Hanson
Scott Bovick
Larry Lavelle
Lynn Marshall
Deb Houghtaling

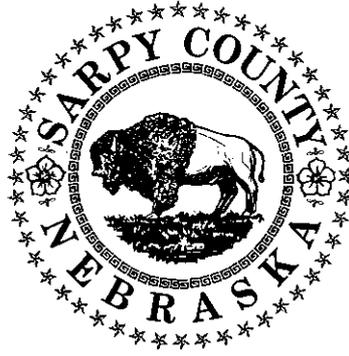
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MEMO

To: Sarpy County Board

From: Brian Hanson

Re: EOC Grant

Lynn Marshall will be placing the Emergency Operations Center Grant on the January 12, 2010 Board agenda. This grant has been submitted the two previous years to FEMA but was denied.

The need for an updated EOC still exists and if the grant were to be awarded, we would have up to three years to spend the federal funds.

I do have a concern about our ability to fund the portion of the project not covered by Federal funds. We looked at including a Communications Center and EOC as part of the Sheriff's Administration project, but decided to push it back largely because of financial concerns. The total project cost is shown as \$3,377,045 for the EOC, but the cost of the Communications Center/EOC and required equipment was quite a bit more than that.

We currently have quite a few building projects that have been bonded and are being paid for. And, I expect the next couple of budget cycles to be pretty challenging.

I commend the Emergency Management staff for seeking Federal funds but feel it would be prudent to push the grant application back a little. Please call me if you have any questions.

January 8, 2010

Brian Hanson

BEH/dp

cc: Mark Wayne
Deb Houghtaling
Scott Bovick
Lary Lavelle
Lynn Marshall
Carrie Davis-Sedlacek