

COUNTY OF SONOMA AGENDA ITEM SUMMARY REPORT			Clerk of the Board Use Only Meeting Date Held Until / / / / Agenda Item No: Agenda Item No: _____	
Department: General Services			() 4/5 Vote Required	
Contact: Rob Kambak	Phone: 565-3211	Board Date: 05/12/09	Deadline for Board Action:	
AGENDA SHORT TITLE: Hazard Mitigation				
REQUESTED BOARD ACTION: Authorize the Chair to execute a contract with ZFA Structural Engineers, in the amount of \$54,750 for the Radio Antenna Site Evaluation as part of the Hazard Mitigation and Disaster Preparedness Project.				
CURRENT FISCAL YEAR FINANCIAL IMPACT				
<u>EXPENDITURES</u>		<u>ADD'L FUNDS REQUIRING BOARD</u>		
Estimated Cost	54,750	Contingencies	\$	
		(Fund Name:)		
Amount Budgeted	54,750	Unanticipated Revenue	\$	
		(Source:)		
Other Avail Approp. (Explain below)		Other Transfer(s)	\$	
		(Source:)		
Additional Requested:	-0-	Add'l Funds Requested:	\$	
Explanation (if required):				
Prior Board Action(s): 09/19/06 – Resolution approving a negative declaration and adopting the Sonoma County Hazard Mitigation Plan (SCHMP) 04/24/07 – Board authorized contract with ZFA Structural Engineers 08/26/08 – Board authorized contract amendment with ZFA Structural Engineers for Phase 2 evaluation of the Data Processing Building.				
Alternatives - Results of Non-Approval: The Board may direct staff to renegotiate the scope of services and fees, which would delay the work. The Board may cancel the project, which would not be consistent with the adopted Hazard Mitigation Plan				

Background: (Four copies of Consulting Services Agreement are on file with the Clerk of the Board)
Sonoma County Hazard Mitigation Plan

As required by the Federal Disaster Mitigation Act of 2000, the Sonoma County Department of Emergency Services and the Sonoma County Permit and Resource Management Department prepared a Hazard Mitigation Plan (the Plan) for the County of Sonoma. The Plan attempts to systematically identify and address hazards that can affect the County. These hazards include earthquake, landslide, flood, and wildfire. Your Board adopted the Plan on September 19, 2006. The Hazard Mitigation Plan serves the dual objectives of providing direction and guidance on implementing hazard mitigation in Sonoma County and insures that the County maintains its eligibility to receive federal disaster relief funds.

The Plan has identified several County facilities that may be at risk from one or more of the identified hazards. To address these hazards and exposures the Plan requires the Department of General Services to confirm the vulnerability of County general government facilities to the listed hazards, determine what measures, if any, should be taken to mitigate the vulnerability and exposure , and develop a strategy to implement these measures.

Hazard Mitigation Plan – Establishing Priorities

Confirming vulnerability and determining mitigation measures for the general government facilities identified as vulnerable requires detailed engineering assessment of each facility and the design of specific corrective actions for each facility. As a first step, the General Services Department prioritized County general government facilities relative to their importance to emergency response and recovery. Staff reviewed the highest priority facilities and identified the facilities that require additional study to assess their vulnerability to the identified hazards. In most cases recently constructed facilities that are known to meet building codes were determined not to require additional study.

As a next step, staff solicited proposals from three engineering firms to provide the needed engineering examinations and the mitigations designs. Utilizing a Request for Qualifications process, ZFA was determined to best meet the requirements established by the County and was contracted by Board action in April 2007 to undertake the required work. Given the size of the general government facility inventory and limitations on available funding the work is being performed in phases. The initial scope of work included the evaluation of three highest priority facilities that required additional study: the Emergency Operations Center, the Data Processing Building, and the Guerneville Sheriff Substation. The Emergency Operations Center was determined to be in compliance with current standards. The Data Processing Building was found to have seismic deficiencies that required additional evaluation which has been completed.

Attachments:

On File With Clerk: Four copies of Consulting Services Agreement

CLERK OF THE BOARD USE ONLY

Board Action (If other than "Requested")

Vote:

Background: (Continued)

The mitigation improvements for the Data Processing Building have been estimated and a project to make these improvements will be included in the 5-Year Capital Project Plan. The Guerneville Sheriff Substation Building was found to have many significant issues that required substantial additional investigation to evaluate completely. However due to the substantial cost associated with the additional investigation work that is required, the significant probable cost of the anticipated mitigation measures, and the unknown status of the future use of the building, further investigation and evaluation of the Guerneville Veterans' Building has been deferred until the buildings future utilization is better defined.

Hazard Mitigation Plan - Radio Antenna Sites

The next facilities on the priority list that need to be evaluated in more detail and for which hazard mitigations need to be developed are the Radio Antenna Sites. There are 12 radio antenna sites located throughout Sonoma County, which provide essential public safety communications services. The 12 sites to be evaluated are:

- | | | |
|--------------------|-----------------------|---|
| Mt. Jackson | Geyser Peak | Sleepy Mountain |
| Sonoma Mountain | Seaview | Fish Rock |
| Siri (Poole Ridge) | Bodega Bay (Bay Hill) | Pine Mountain |
| Oakridge | Barham Mountain | Sheriff Office at the Administration Center |

For this phase of the study ZFA will be conducting a partial Tier 1 structural seismic evaluation of the antennas and other associated improvements on the sites. In addition, there will be a review of possible geotechnical issues including fault rupture and landslide as applicable to each site, as well as an evaluation of vulnerability to wild land fire. The scope of services and the specific assessment of each site will be tailored based on the characteristics of each site and the level of known information for each of the 12 sites as described in the proposal. This approach was developed in the interest of reducing costs and utilizing information that is most relevant to the development of an effective hazard mitigation plan for each site. The total fee for this service is \$54,750, which staff believes to be fair and reasonable for the tasks involved.

Funding

The above costs will be funded by the Hazard Mitigation and Disaster Preparedness project budget, Index #102160. The above fee is within budget for this project.

Schedule

It is expected that the scope of services identified above for the Radio Antenna Site evaluations will be completed approximately 9 weeks after approval of the contract.

Requested Board Actions:

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