

PLACER COUNTY
OFFICE OF EMERGENCY SERVICES

MEMORANDUM

To: Honorable Board of Supervisors

From: Thomas Miller, County Executive Officer
by: Rui Cunha, Emergency Services Program Manager

Date: March 20, 2007

Subject: Approve an agreement in the amount of \$116,160 with AMEC Earth and Environmental, Inc. (AMEC) to update the County's existing Multi-Hazard Mitigation Plan dated January 2005 and authorize the Placer County Procurement Manager to sign two copies of the agreement.

ACTION REQUESTED

Utilizing already acquired FEMA Pre-Disaster Mitigation Funding, approve an agreement in the amount of \$116,160 with AMEC Earth and Environmental, Inc. (AMEC) to update the County's existing Multi-Hazard Mitigation Plan dated January 2005 and authorize the Placer County Procurement Manager to sign two copies of the agreement.

BACKGROUND

Original Plan Development: As required by The Federal Disaster Mitigation Act of 2000 (the Act), your Board adopted the Placer County Multi-Hazard Mitigation Plan in January 2005. This federal legislation required all public entities complete a multi-hazard mitigation plan (*Plan*), subject to FEMA approval, in order to be eligible for receipt of Pre-Disaster Mitigation (PDM) grant funds. The Act requires a community-wide, cooperative planning effort the result of which is a *Plan* that is formally adopted by governing bodies of local public agencies. The Act encourages cooperative efforts between public entities at all levels, and under the leadership of Placer County Office of Emergency Services, (OES) Placer County's plan was written with the participation of over 20 special districts, numerous state and federal agencies as well as the cities of Auburn, Colfax, Lincoln and Rocklin, and the Town of Loomis. The City of Roseville completed its own *Plan* separately. AMEC served as a sub-contractor to Robert Olson Associates, Inc. during the original planning effort and had responsibility for actually writing the *Plan*. It completed that task in early 2005, and subsequent to its approval by FEMA in March, 2005, the *Plan*, as previously noted, was approved and officially adopted by the Board of Supervisors on April 26, 2005. Each city and town council in Placer County adopted the Plan independently.

Deferred Planning Elements: There were two elements of the original plan which were deferred due to inadequate data and limited resources to complete desired data gathering: #1 creation of

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mapped geographic information system (GIS) layers and geo-data sets for wildland fire ignition sources, critical facilities and infrastructure, and finally, water sources and fire hydrant locations; #2 the establishment of priorities for mitigation projects through the use of the FEMA provided Benefit-Cost Analysis (BCA) software programs.

The GIS layers will enhance the Risk and Capabilities assessment components of the plan and will facilitate project identification and Benefit-Cost Analysis prioritization. Completing the deferred mapping effort is a necessary precursor for completion of the second deferred element, the use of the BCA software to assist in prioritizing projects. The contractor, working with the County participants, will identify new projects and projects from the existing plan to be more precisely evaluated using the more rigorous and standardized assessment that the BCA software offers.

In order to complete the deferred elements of the original planning effort, Placer County Office of Emergency Services (OES) solicited FEMA for Pre-Disaster Mitigation (PDM) grant funding in 2006 and was successful, receiving approval for the full project. The full project will fund completion of the two deferred elements discussed above, purchase limited global positioning system (GPS) equipment, and allow Placer County and all participating political subdivisions to complete a DMA 2000 required *Plan* update. The full effort is a lengthy process, consuming over a year of actual planning time once it begins, so it was deemed prudent to begin the update process early as we are already in the third year of the 5 year planning cycle.

The Agreement: The AMEC team will provide an update (*Update 2009*) to the County's existing Multi-Hazard Mitigation Plan dated January 2005 in accordance with the Disaster Mitigation Act of 2000 (DMA 2000) update requirements for Local Hazard Mitigation Plans (LHMPs). The purpose of *Update 2009* is continued compliance with DMA 2000 and continued eligibility for Hazard Mitigation Grant Program (HMGP) funds. *Update 2009* will incorporate new and relevant information, document the County's recent accomplishments in helping to reduce future losses as a result of natural hazards, and identify and incorporate additional hazard mitigation projects. Similar to the original plan, the update will include the County, incorporated communities, and participating districts and will be limited to natural hazards only. In addition the AMEC team will complete a BCA on our 10-15 highest priority projects, enhancing grant opportunities for these projects.

Contractor: The contractor selection criteria for this project were significantly weighted to previous successful local hazard mitigation work both in Placer County and the State of California. AMEC's work on Placer County's original plan and plans for a number of other Counties in the State of California (Sacramento, Sutter, Kern, Amador, Kings) along with their professional knowledge and experience, well established and recent working relationships with most political subdivisions in Placer County, make AMEC a clear and supportable choice for this project.

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FISCAL IMPACT

The full project cost is estimated at \$350,000. As previously noted, Placer County secured Pre-Disaster Mitigation Funding in the amount of \$262,500 to fully fund the agreement with AMEC and the mapping portion of the project. A vendor for the mapping portion of the project has not been selected at this time. Placer County and all of its political subdivisions are expected to contribute an estimated \$87,500 in staff time to organize, collect information and manage all aspects of the full project. This time and its corresponding value (\$87,500) meet FEMA's Pre-Disaster Mitigation grant "soft match" requirements.

Attachments:

- Consultant Services Agreement (reference)
- Current Multi Hazard Mitigation Plan (reference)

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