



Agenda Date: 12/20/2005
Agenda Placement: 6E

NAPA COUNTY BOARD OF SUPERVISORS Board Agenda Letter

TO: Board of Supervisors
FROM: Martha Burdick for Robert Peterson - Director
Airport
REPORT BY: Erica Ahmann, Associate Civil Engineer, 259-8369
SUBJECT: Napa County Airport Runway 18R-36L, Airport Perimeter Gravel Road, Aircraft Washrack, and Airport Operations Shelter Design - Professional Services Agreement with Mead&Hunt

RECOMMENDATION

Director of Public Works requests approval of and authorization for the Chair to sign an agreement with Mead & Hunt, Inc. for a maximum of \$333,800 for the term December 20, 2005 through June 30, 2006 for airport engineering design services.

EXECUTIVE SUMMARY

This Professional Services Agreement will provide for airport engineering design services required for the Airport Runway, Perimeter Road, Aircraft Washrack and Airport Operations Shelter projects during Fiscal Year 2005/2006. Airport engineering design expertise is required to ensure that projects are built per Federal Aviation Administration (FAA) guidelines.

FISCAL IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	Airport Capital Improvement Program
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	These projects are required to maintain existing airport facilities and enhance services provided by the Airport to its customers. The Federal Aviation Administration (FAA) has verbally informed county staff that 95% of the funding to design these projects has been tentatively allocated for 2006.
Is the general fund affected?	No

- Future fiscal impact: The airport engineering design will take place during Fiscal Year 2005/2006 and may possibly roll over to Fiscal Year 2006/2007.
- Consequences if not approved: Airport engineering design services will not be provided and funding for construction through federal and state grants will be delayed.
- Additional Information: In order for the County to be at the top of the list for eligible federal funding, the FAA looks at airports who have projects designed and ready to build. The Airport Enterprise Fund planned and programmed the funding for the design as well as submitted a grant application for the reimbursement this fall. If the airport does not move forward with this design agreement now, the schedule for construction grants based on bids will be pushed back to 2007. The Airport Enterprise has sufficient funding to cover the design in the event that the FAA does not reimburse through the grant process. In addition, Congress has just passed legislation for \$3.55 Billion in federal spending towards airport improvements, which supports the tentative allocation the FAA has recently given Napa County.

ENVIRONMENTAL IMPACT

There is no Environmental Impact for this item.

BACKGROUND AND DISCUSSION

The FAA reviews the projected 5-year Airport Improvement Program (AIP) once a year and after review notifies the Airport which project(s) will be included in the FAA budget for the next fiscal year. The AIP funded projects are based on the approved Airport Layout Plan (ALP) and Master Plan, airport needs, and projects that have been given environmental clearances. The FAA has tentatively allocated \$513,950 to design of the following four projects and also for the construction of the washrack:

- | Design the rehabilitation and strengthening of Runway 18R-36L and pavements within the safety area
- | Design east side Perimeter Road (20'x9000')
- | Design and Construct Pollution Control Facility (Aircraft Washrack)
- | Design Maintenance Facility (Equipment Shelter)

The Runway 18R-36L Rehabilitation project entails the rehabilitation of the main runway at the Airport. A pavement evaluation study and management plan was conducted in 2003 which recommended a runway overlay within three years. A spall repair was completed in 2003 which only temporarily fixed a growing problem. To continue safe and efficient flight service on Runway 18R-36L, the proposed project is required.

The Perimeter Road project will be included with the Runway Rehabilitation project since it will utilize the millings from the existing runway pavement. The purpose of the perimeter road project is to repair/improve the existing road and at the same time improve safety while providing year round ground operations. The gravel road currently allows ground access to the further outreaches of the airport without using the airfield for ground transportation. The improved perimeter access road would further reduce any chance of airfield incursions during times of the year when the road is inaccessible.

The Pollution Control Facility (Aircraft Washrack) project will be designed and constructed in 2006. The

existing washrack was built in the mid-70's and does not adequately meet new environmental standards or the needs of the public. The proposed upgraded system will provide the public with better service and meet current environmental standards.

The Maintenance Facility project will allow for all airport operations equipment to be properly stored, allow an area to maintain equipment and provide additional office space for staff. The project will be designed this fiscal year and based on future Airport needs will either be funded through the FAA or possibly through the Airport Enterprise Fund to be reimbursed by the FAA.

Public Works staff sent out Requests for Qualifications (RFQ) on March 21, 2005 for the Projects. Seven firms responded to the RFQ and after reviewing their airport engineering design background and experience, five firms were selected for interviews. As a result of the interviews, Mead and Hunt, Inc. was determined to be the most qualified for all four projects based upon their extensive airport experience, their proposed design methods for the Projects and their prior history in providing consistent, on-time services to the Airport.

The Federal Aviation Administration (FAA) has tentatively allocated \$513,950 towards the design of the four projects listed above and the construction portion for the washrack. In addition to the allocation, the FAA has advised Staff that any additional funding made available may be slated towards the construction portion of the Runway 18R-36L Rehabilitation in 2006. Grant funding could be expected as soon as March 2006 or as late as September 2006.

SUPPORTING DOCUMENTS

None

CEO Recommendation: Approve

Reviewed By: Andrew Carey