DEPARTMENT: Public Works

RECOMMENDED ACTION AND JUSTIFICATION:

Public Works is requesting the Board adopt the plans and specifications for the building and related facilities to house the compost system and authorize advertising for bids for the project. (Please refer to the memo dated July 26, 2004 prepared by Fred Solomon.)

The Engineer’s estimate for this project is $3,551,000.

BACKGROUND AND HISTORY OF BOARD ACTIONS:

The Board has taken a number of actions regarding the compost facility including authorization to bid and award the contract for the construction of the compost equipment/system.

ALTERNATIVES AND CONSEQUENCES OF NEGATIVE ACTION:

The project is underway with the construction of the composting equipment and control systems. Negative action would delay the construction of the portion of the project needed to house the composting equipment. This may possibly increase the overall project cost.

Financial Impact? (x) Yes ( ) No  Current FY Cost: $  Annual Recurring Cost: $
Budgeted In Current FY? (x) Yes ( ) No ( ) Partially Funded
Amount in Budget: $  List Attachments, number pages consecutively
Additional Funding Needed: $  1. Plans & specifications (see Clerk of the Board)
Source:  2. Solomon/Petropulos memo dated July 26, 2004
Internal Transfer  
Unanticipated Revenue  4/5’s vote
Transfer Between Funds  4/5’s vote
Contingency  4/5’s vote
( ) General  ( ) Other

CLERK’S USE ONLY:
Res. No.:  Ord. No. _____
Vote – Ayes: ___  Noes: ___
Absent:  _____
Approved  _____  Minute Order Attached  ( ) No Action Necessary

The foregoing instrument is a correct copy of the original on file in this office.
Date:  
Attest:  MARGIE WILLIAMS, Clerk of the Board
County of Mariposa, State of California
By:  Deputy

COUNTY ADMINISTRATIVE OFFICER:
( ) Requested Action Recommended  ( ) No Opinion
Comments:

CAO:  

Revised Dec. 2002
MEMO

To: J. Petropulos, Director of Public Works

From: Fred S. Solomon

Date: July 26, 2004

Re: Compost Facility

Recommended Action: The Board of Supervisors adopt the plans and specifications prepared by Concept Design and authorize advertisement for bids for the building and related facilities to house the compost system designed by Engineered Concept Systems (ECS) and to be constructed by Dick Anderson Construction, Inc (DAC).

Discussion: The county of Mariposa will develop a compost facility in order to achieve compliance with AB 939, the State of California mandate that 50% of solid waste be diverted from the landfill, and to increase the useful life of the County's landfill.

The budget for the project is $7.2 million of which the County has appropriated $500,000, $1.712 million has been granted by the National Park Service, $1.8 million has been granted by the United States Department of Agriculture (USDA), and $3.2 million has been loaned to the County by the USDA, a loan secured by revenue generated at the landfill.

The Board of Supervisors has awarded a contract to DAC in the amount of $2,896,408 for the supply and installation of equipment comprising the compost system designed by ECS. Savings in the amount of $24,446 have been achieved during our review of the ECS design, and the current contract amount is $2,871,962. The equipment submittals and system layout has been completed and approved by the County’s consultants and Public Works Director.

The Board of Supervisors entered into a contract with Concept Design for the design of the building and related facilities to house the compost system. The approval of the equipment and system layout permitted the design of the building and related facilities to begin. The plans and specifications are now complete, ready for the Board to adopt and
authorize bidding. The plans include a new recycling center which may be eliminated if the budget will not permit its inclusion. The recycling center was not included in the original budget but, if at all possible, should be constructed with the building to permit a more efficient and cleaner operation and to produce a center now, at a lower cost then would be likely if the recycling center construction were deferred to a later date. The plans and specifications were approved by the Solid Waste Committee of the Board of Supervisors on July 22, 2004.

The Engineer's estimate for the work is $3, 551,000. I must caution however that steel and concrete costs have escalated significantly in recent months due to a corner on the world markets by China. A contingency fund of $330,000 is contained in the budget but may not be sufficient. It is important that we bid this project as soon as possible to minimize additional cost escalations.

If the Board of Supervisors will authorize bidding at it's meeting of August 10, 2004, we will advertise for bids over a mandatory two week period and allow three weeks for submittal of bids. Plan check will occur during the advertisement period and a portion of the bid period to allow time for addendums to be issued which may arise out of plan check. Plans must also be reviewed and approved by the USDA. Award of the contract should be possible two weeks after receipt of bids. Allowing for time to sign contracts and the Contractor's mobilization for the work, it is anticipated that construction will start between mid and late October. The schedule is ambitious, but achievable.