



**NAPA-VALLEJO WASTE
MANAGEMENT AUTHORITY**

Agenda Date: 5/5/2005

Agenda Placement: 6A

Napa-Vallejo Waste Management Authority Board Agenda Letter

TO: Board of Directors
FROM: Jill Pahl for Trent Cave - Manager
Napa-Vallejo Waste Management Authority
REPORT BY: Jill Pahl, Asst Dir of Environmental Management, 253-4410
SUBJECT: Microturbine Electrical Agreement Award.

RECOMMENDATION

MICROTURBINE ELECTRICAL AGREEMENT AWARD.

REQUESTED ACTION: Possible award of the contract for the "Napa-Vallejo Waste Management Authority Landfill Gas and City of American Canyon Microturbine Facilitates at the American Canyon Waste Water Treatment Plant Project, Agreement 05-04", and authorization for the Chair to sign the construction contract.

EXECUTIVE SUMMARY

The answers to the questions raised took longer than anticipated to respond to. As such the 10 a.m. Friday bid opening date was moved to Monday at 2:00 p.m. Staff will report verbally at the meeting with a recommendation for awarding the agreement.

FISCAL IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	Napa-Vallejo Waste Management Authority
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	Proceed with joint energy generation project with the City of American Canyon,

	to ultimately save costs at the City's waste water treatment plant and use excess methane to power the micro turbines.
Is the general fund affected?	Yes
Future fiscal impact:	See the attached pay back estimate.
Consequences if not approved:	Loss of a PG&E grant and of the significant expenses already put into this project.
Additional Information:	None

ENVIRONMENTAL IMPACT

ENVIRONMENTAL DETERMINATION: It has been determined that this type of project does not have a significant effect on the environment and is exempt from the California Environmental Quality Act.

BACKGROUND AND DISCUSSION

The Authority constructed a landfill gas flare last year which has operated intermittently when excess landfill gas is generated above what the power plant can use. The City of American Canyon and the Authority have been working together to find a productive use for the gas by generating electricity at the City's Waste Water Treatment Plant which is adjacent to the landfill.

The Board of Directors approved the plans and specifications for the Microturbine Trenching Facilities at the American Canyon Waste Water Treatment Plant Project, Agreement 05-04 on April 7, 2005 for advertisement for bids. The bids will be opened on Monday May 2 and the Manager will prepare a recommendation for awarding the work for the "Microturbine Trenching Facilities at the American Canyon Waste Water Treatment Plant Project, Agreement 05-04" to the apparent low bidder.

SUPPORTING DOCUMENTS

None

Manager: Approve
Reviewed By: Jill Pahl