



COUNTY OF SAN DIEGO

AGENDA ITEM

BOARD OF SUPERVISORS

GREG COX
First District

DIANNE JACOB
Second District

PAM SLATER
Third District

RON ROBERTS
Fourth District

BILL HORN
Fifth District

DATE: May 1, 2001

TO: Board of Supervisors

**SUBJECT: REQUEST FOR PROPOSAL FOR SOLAR POWER SYSTEM
INSTALLATION AND SERVICE FOR COUNTY OWNED
PROPERTIES (District: All)**

SUMMARY:

Overview

The County is subject to increasing cost of electrical energy and lack of supply in the region. The County is seeking various approaches to offset outages and participate in improving service throughout County facilities.

This is a request to authorize, in accordance with Board Policy A-87, Competitive Procurement, issuance of a Request for Proposals and award of a contract to install solar power collection devices for the purpose of supplementing the electrical energy available to the grid at peak usage during summer months by supplying solar power to County facilities.

Recommendation(s)

CHAIRMAN HORN:

1. Find pursuant to Sections 15306 and 15262 of the California Environmental Quality Act (CEQA) Guidelines that the below actions are exempt from the CEQA in that they consist of data collection and feasibility studies and have no legally binding effect on later activities.
2. In accordance with Section 398.17(a) of the Administrative Code, authorize the Deputy Director, Purchasing and Contracts Division, to take any action authorized in the pursuit of the issuance of a Request for Proposal (RFP) to install, finance and maintain a solar collection system that will generate usable kW, and return to the Board for approval.

Fiscal Impact

If approved, this proposal will be budgeted in the proposed FY 2001-2002 Utility Budget. As the contract is fulfilled other funding sources may be utilized. Senate Bill 1345 (Statutes of 2000, Chapter 537) directs the Energy Commission to develop and

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administer a grant program to support the purchase and installation of solar energy and small distributed generation systems.

Business Impact Statement

N/A

Advisory Board Statement

N/A

BACKGROUND:

There is an insufficient amount of generated power to supply the demands currently required to continue full service at all County facilities. Stage two and stage three emergencies have become commonplace throughout California. San Diego County has already experienced rolling blackouts this year and at times not normally designated as peak periods. The most conservative predictions for energy availability during the peak summer months show large deficits and resultant periods of rolling service interruptions. This situation is not expected to get better over the next 3-4 years.

As directed by the Board, the County is working to increase local generation supply through Distributed Generation. The County has received proposals and is conducting negotiations for traditional, natural gas fueled Distributed Generation at selected County facilities. A long-term solution for local supply includes a variety of generation types, including where affordable, the use of alternative, renewable sources of energy.

Proven technical applications, industrial scale production, and cost effective installation methods of Photovoltaic energy systems are available now and should be included in any integrated Distributed Generation strategy. Additionally, the California Public Utilities Commission (CPUC), has approved numerous incentive programs for residential and business customers to provide a portion of their energy needs through renewable or super-clean generation. Photovoltaics are included in this program. Customers can receive a \$4.50 per watt payment, up to a maximum participation of 50% of the project costs for these renewable programs, which is higher than similar programs for fuel cell (40% participation) and micro turbines (30% participation).

The purpose of this RFP is to identify responsible contractors and critically review projects that have measurable and acceptable payback periods as compared to current and future energy costs. If acceptable proposals are received, the Chief Administrative Officer is directed to return to the Board for acceptance of proposal, and subsequent award of contract by the Director of Purchasing and Contracting.

Environmental Determination

The recommended actions to contract for professional services are exempt from the California Environmental Quality Act in that they consist of data collection, planning and feasibility studies that may lead to a project that has not yet been defined or approved. Upon completion of the studies and at the time a project is defined, staff will undertake environmental review of the

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proposed project under CEQA. An Initial Determination Study and Environmental Assessment will be prepared to determine the scope of environmental review required for the project.

Respectfully submitted,

BILL HORN
Chairman
Supervisor Fifth District

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AGENDA ITEM INFORMATION SHEET

CONCURRENCE(S)

COUNTY COUNSEL REVIEW	<input checked="" type="checkbox"/> Yes	
Written disclosure per County Charter § 1000.1 required?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
GROUP/AGENCY FINANCE DIRECTOR	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
CHIEF FINANCIAL OFFICER	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
Requires Four Votes	<input type="checkbox"/> Yes	<input type="checkbox"/> No
GROUP/AGENCY INFORMATION TECHNOLOGY DIRECTOR	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
CHIEF TECHNOLOGY OFFICER	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
DEPARTMENT OF HUMAN RESOURCES	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A

Other Concurrence(s):

ORIGINATING DEPARTMENT: Fifth Supervisorial District

CONTACT PERSON(S):

Jon Myers

Name

(619) 531-4709

Phone

Fax

Mail Station

E-mail

Name

Phone

Fax

Mail Station

E-mail

AUTHORIZED REPRESENTATIVE: _____

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AGENDA ITEM INFORMATION SHEET
(continued)

PREVIOUS RELEVANT BOARD ACTIONS:

BOARD POLICIES APPLICABLE:

BOARD POLICY STATEMENTS:

CONTRACT NUMBER(S):

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FISCAL IMPACT STATEMENT

DEPARTMENT:
PROGRAM:
PROPOSAL:

			FUTURE YEARS ESTIMATED BUDGET OF PROPOSAL IF ADOPTED	
(a)	(b)	(c)	(d)	(e)
Budgeted Amount For Proposal	Proposed Change in Budgeted Amount	Proposed Revised Current Year Budget (a+b)	1st Subsequent Year	2nd Subsequent Year

Direct Cost

Revenue/Other Offset

**NET GENERAL
 FUND COST**

Staff Years

Sources of Revenue/Other Offset for Proposed Change and Subsequent Years:

Space-Related Impacts: Will this proposal result in any additional space requirements? Yes N/A

Support/Other Departmental Impacts: Yes N/A

Remarks: Yes N/A