

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



FROM: Supervisor Bob Buster

SUBMITTAL DATE: July 13, 2010

SUBJECT: Center for Photovoltaics Innovation, Training, and Commercialization (PITC),
U.C. Riverside

RECOMMENDED MOTION: That the Board of Supervisors authorizes and approves:

1. Formalize county support for "PITC" at the University of California, Riverside, and Bourne School of Engineering for the purpose of creating high tech research and development jobs at U.C.R.
2. Authorize our Washington, D.C. based advocacy firm to convey the county support for federal grants to be used in support of the Photovoltaic Manufacturing Initiative sponsored by the Obama administration with the Secretary of Energy
3. Authorize the Chairman of the Board and Vice Chairman of the Board to cosign a letter to the Secretary of the Department of Energy expressing the support of the county for UCR's grant application and direct the Economic Development Agency to prepare said letter
4. Formally support the continued foreign direct investment within the research and development programs at UCR's Bourne School of Engineering and authorize the Assistant County Executive Officer-EDA and or the County Foreign Trade Commissioner to assist the university faculty and staff in securing additional foreign direct investment in these promising research programs
5. Authorize the Assistant County Executive Officer-EDA to support domestic investment to assist the university and faculty in developing these programs to the fullest extent possible

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Bob Buster
Supervisor, 1st District

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**BACKGROUND continued: Center for Photovoltaic's Innovation, Training, and
Commercialization (PITC), U.C. Riverside**

The University Of California Bourne School Of Engineering located in the First District is seeking to create a university focused Photovoltaic Manufacturing Center to advance the state of technology in two critical areas where the Unites States has the potential to be the manufacturing leader: plasma-based manufacturing of large solar panels and manufacturing of PVs compatible with solar concentrators.

The University Of California Bourne School Of Engineering located in the First District is seeking to create a university focused Photovoltaic Manufacturing Center to advance the state of technology in two critical areas where the Unites States has the potential to be the manufacturing leader: plasma-based manufacturing of large solar panels and manufacturing of PVs compatible with solar concentrators. The location identified by the University for this research and development center will be the newly built Material Science and Engineering building at UCR. With a 10,000 square foot clean room the facility is ideal for this type of research and development. A partnership is in place with Tohoku University of Japan, and business partnerships with Agilent, Veeco, and Applied materials are also in place. This project and its development has tremendous potential to create manufacturing jobs in high tech fields for the Riverside County workforce in the areas of plasma based manufacturing and countless jobs may be created within the supply chain. The university is working in close cooperation with the Economic Development Agency Office of Foeinrg trade and will use resources available at the Economic development Agency of Riverside County as appropriate.