

EXECUTIVE SUMMARY

Item Name: Authorization to Approve a Continuation Award from Solterra Renewable Technologies, Inc. #09022547 (ASU)

Action Item Discussion Item Information Item

Issue: Arizona State University (ASU) requests Board approval of a continuation award from Solterra Renewable Technologies, Inc. for support of a School of Mechanical, Aerospace, Chemical and Materials Engineering (MACME), School of Engineering project.

Background

- ASU has received an offer of a continuation award from Solterra Renewable Technologies, Inc. for support of a School of Mechanical, Aerospace, Chemical and Materials Engineering (MACME), School of Engineering project.
- The objective of this project will be a research & development type approach with a goal to attempt to fabricate & optimize the performance of solar cells based on a blend of a suitable conjugated polymer/CdSe quantum dots (QDs).
- ASU project director is Nikhilesh Chawla.
- The project period is October 1, 2008 through February 29, 2012.

Statutory/Policy Requirements

Pursuant to ABOR Policy 3-203.

Strategic Implications

- Provides ASU with increased visibility with research activities.
- Promotes ASU's research reputation.
- Increases research expenditures.

Discussion

- No major policy issues or points for the Board to consider.

Key Data/Findings

Not applicable.

Cost Summary

The proposed amount of the award is for an obligated and anticipated award total amount of \$1,937,300 non-federal funding. Matching or cost sharing is not required.

Appendix

Not applicable.

Contact Information:

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Committee Review and Recommendation

No Committee Review.

Recommendation to the Board

It is recommended that the Board authorizes ASU to approve a continuation award from Solterra Renewable Technologies, Inc., #090225457, for the School of Mechanical, Aerospace, Chemical and Materials Engineering (MACME), School of Engineering project.

EXECUTIVE SUMMARY

Item Name: Authorization to Approve a Continuation Award from NASA-Ames Research Center #NNA09DA79A (ASU)

Action Item Discussion Item Information Item

Issue: Arizona State University (ASU) requests Board approval of a continuation award from NASA-Ames Research Center for support of a School of Earth and Space Exploration, College of Liberal Arts and Sciences project.

Background

- ASU has received an offer of a continuation award from NASA-Ames Research Center for support of a School of Earth and Space Exploration, College of Liberal Arts and Sciences project.
- The objective of this project will be a research & development type approach with a goal to attempt to fabricate & optimize the performance of solar cells based on a blend of a suitable conjugated polymer/CdSe quantum dots (QDs).
- ASU project director is Ariel D. Anbar.
- The project period is February 1, 2009 through January 31, 2014.

Statutory/Policy Requirements

Pursuant to ABOR Policy 3-203.

Strategic Implications

- Provides ASU with increased visibility with research activities.
- Promotes ASU's research reputation.
- Increases research expenditures.

Discussion

- No major policy issues or points for the Board to consider.

Key Data/Findings

Not applicable.

Cost Summary

The proposed amount of the award is for an obligated amount of \$1,462,083 and anticipated award total of \$7,238,952 federal funding with a matching or cost sharing requirement of \$584,058 in non-federal funds.

Appendix

Not applicable.

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Committee Review and Recommendation

No Committee Review.

Recommendation to the Board

It is recommended that the Board authorizes ASU to approve a continuation award from NASA-Ames Research Center, #NNA09DA79A, for the School of Earth and Space Exploration, College of Liberal Arts and Sciences project.