

USF Student Green Energy Fund Council



Friday, October 20, 2017 – SVC1073

Time: 3:00pm – 4:30pm

Meeting Minutes

In attendance:

Council Members (In alphabetical order)

Kebreab Ghebremichael Nainan Desai, Barbara Bushnell, Sujit Chemburkar, George Philippidis, Chris Marks (Alternate), Aladdin Hiba, Lynecee Romelus, Drew Templeton, Robin Rives, Gviana Goldberg, Brian Mwaliko (Alternate) and Harold Bower (Chair)

Absent: Raymond Mensah and Maria Rodriguez

Observer(s) Melody Rainey and Gidi Hendrix (Observers)

First Order of Business:

Previous month meeting minutes approved.

Financial Update:

Cash balance as of 10/16/2017 is \$2,779,070. Active Projects RSA prior year awards (\$2,176,037), Active Projects RSA FY17/18 awards (\$415,483), projected operational expenses (\$27,823) and the total projected expenses of (\$2,619,343) brings the projected available cash to \$159,727. The FY2018 estimated fee collection is \$552,079. The 10% contingency (\$102,648) and a 5% reserve of (\$51,324) brings the projected available cash to award in FY2018 to \$557,834.

Public Comment

None.

Unfinished Business:

None

New Business:

New Council Members Introductions

New SGEF Council members were introduced for the 2017/2018 year term. The new members are Chris Marks (staff/faculty alternate), Lynecee Romelus, Drew Templeton, Gviana Goldberg, Maria Rodriguez and Brian Mwaliko (student alternate)

x Thermal Energy Storage Project – Additional Budget Request

The thermal energy storage system project was delayed due to design changes and then due to the cost constraints. Considering the size of the tank (3800 Gal) and temperature (~100 °C) of the fluid, the subcontractors were not willing to take the risk of installing a non-pressurized tank. The cost of the pressurized tanks was way above the initial design budget of the thermal energy storage (TES) tank. Several design configurations were considered, but the corresponding quotations were significantly above the originally budgeted amount of \$65,000.

After numerous design iterations, the best quotation received was \$116,743 including construction; this is reasonable as some of the quotes were over \$280,000. From the initial budget of \$90,000, a controller worth \$7,128 had to be purchased and installed. Due to the numerous design changes, the student salary was above the budgeted \$10,000 for the past 8 months. The remaining balance is \$63,389.42. Therefore the budget deficit for the new design is \$53,353.58.

The Research and Innovation maintenance fund has agreed to provide \$10,000 and the Clean Energy Research Center (CERC) will pay for the student salaries during the rest of the project. Accounting for this aid, the remaining deficit is \$43,353.58.

The council

Derbi ColoGPFRCR is an ENERGY STAR qualified roofing system and can help to reduce the amount of air conditioning needed in buildings and reduce peak cooling demand by 10 to 15 percent. The expected time frame for the completion of re-roofing is 6 months. Facilities Management has agreed to maintain the project roof layer in the future.

Council agreed to let the project summary move forward to proposal

Activities Updates

USF Carbon Offset Foundation Fund 590082

The Neutralize Bull Gas project set up a foundation fund for students and faculty/staff to donate money to purchase carbon offsets. The fund (USF Carbon Offset fund 590082) was established and needs to be marketed. The foundation fund link will be available on Parking & Transportation's website starting November 1, 2017. Other marketing idea strategies to promote the fund are welcomed. About \$2,500 has been set aside in marketing funds through the SGEF.

Announcements

None

Meeting