



Introduced By: Pro Tempore Forrest McClellan
Sponsored By:
Contact: sga_pro@ucf.edu
First Reading:
Committee Action: Passed Favorably 10-0-1
Second Reading: October 18, 2018; 46-0-2
Third Reading: October 25, 2018
Final Vote: 52-1-0

University of Central Florida
Fifty-First Student Body Senate
Fiscal Bill 51-12

[Funding for American Society of Civil Engineers to create a project for the 2019 ASCE Southeast Regional Conference in Knoxville, TN, on March 28, 2019]

- 1 **WHEREAS**, American Society of Civil Engineers has been a Registered Student Organization since 1972;
- 2 **WHEREAS**, The mission of ASCE is to engage in building the foundation of tomorrow by advancing the spirit of
- 3 professionalism and creativity among their members, by stimulating interest in civil engineering, by contributing to
- 4 the needs of their community and society, and by encouraging students to become more involved as leaders.
- 5 **WHEREAS**, ASCE members pay dues of \$20.00 annually;
- 6 **WHEREAS**, ASCE currently has 60 active, dues-paying members;
- 7 **WHEREAS**, The purpose of the 2019 ASCE Southeast Regional Conference is to get civil engineers involved in a
- 8 large scale project that is relevant to their course work and compete against other universities around the Southeast
- 9 and Puerto Rico;
- 10 **WHEREAS**, This is an incredible resume booster that stands out to all employers in the industry. Students will get a
- 11 hands on experience with civil engineering concepts such has concrete testing, design and application. Students also
- 12 will also get exposure to planning and executing a real construction project;
- 13 **WHEREAS**, American Society of Civil Engineers has received \$0.00 in Activity and Service Fee Funds in the
- 14 2018- 2019 Fiscal Year;
- 15
- 16 **THEREFORE, BE IT ENACTED**, by the Fifty-First Student Senate of the University of Central Florida that
- 17 \$5,310.28 be allocated to American Society of Civil Engineers from the Senate Working Fund according to the
- 18 following breakdown:
- 19

Item	Description	Cost
21 CNC milled female mold	Styrofoam mold to construct canoe shape	\$4,390.19
22 Home Depot Buckets	5 gallon buckets to mix concrete in	\$65.00
23 Concrete Shaft Mixer	Egg beater used to mix concrete	\$38.02
24 Pumice Aggregate	Volcanic rock material for concrete	\$102.00
25 Poraver microglass spheres	Hollow glass spheres for concrete	\$258.52
26 Potland cement	Essential material for concrete	\$27.75
27 Carbon fiber reinforcement mesh	Used in layers within to fight forces in tension	\$999.95
28 Ultrapozz pozzolan	cementitious material used to supplement cement	\$19.60
29 Sand Paper	Used for canoe interior and exterior finishing	\$33.70
30 Testing Cylinders	Used for concrete compressive strength testing	\$51.12
31 Spray Foam	Used as a flotation aid for the canoe	\$31.50
32 Steel cable reinforcement	Used to reinforce concrete in tension prone sections	\$36.50
33 Concrete Pigmentation	Used to color concrete during mixing	\$140.85
34 Final Design Paper printing	Getting paper printed in color and binded (6 copies)	\$57.54
35 Curing Blanket	Used to assist in effective concrete curing over 28 days,	\$209.20
36 Canoe Lettering Custom stickered letters	for display on canoe	\$369.40
37 Clear Wet-Look Sealer	Creates impervious layer on outside of canoe	\$270.00
38 Trowels	Used for application of concrete	\$64.85
39 Rubber Gloves	For quality control of concrete	\$9.00
40 Concrete Cutter	To cut a concrete sample, showing composition	\$214.47
41 Concrete Planer	To trim down certain parts of the canoe for desired look	\$649.99
42 Cement Mixer Can	Mix a large batch of concrete at once, ensuring uniformity	\$397.00
43 Steel Mixing Tub	Can be used to mix lightweight concrete	\$397.00
44 Penetrating Water Repellent	Can add to concrete to help create an impervious layer	\$1258.00
45 Upegar Concrete Anchor	To pretension steel cable reinforcement	\$322.00

10/30/18 PM 1:54:58

SHEET 14 NOV 18 8:50

46	Respirator facemasks	To protect against cement dust in the air (safety)	\$72.95
47	<u>Threaded Adaptor Depresses aggregates</u>	<u>To create smoother layer</u>	<u>\$228.22</u>
48	Total Cost		\$10,620.55
49	Total American Society of Civil Engineers Contribution		\$5,310.28
50	Total Senate Contribution (Maximum 50% funding level)		\$5,310.28

51

52 **BE IT FURTHER ENACTED**, That all unspent funds revert to their originating account by April 29th, 2019;

53 **BE IT FURTHER ENACTED**, That American Society of Civil Engineers completes a Post-Funding Form and

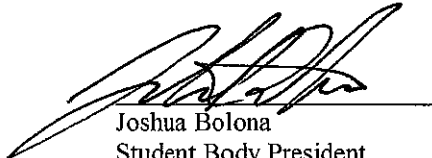
54 returns it to the Operations Review and Sanctions Committee (ORS) by May 6th, 2019, as a condition of receiving

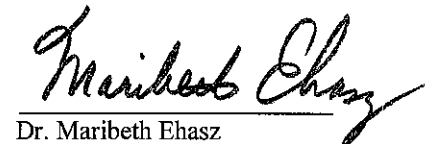
55 funding; and

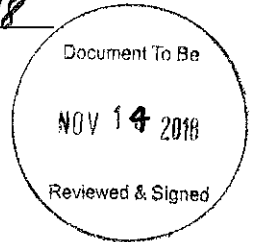
56 **BE IT FURTHER ENACTED**, That American Society of Civil Engineers completes a Verification of RSO

57 Purchases Form by 6th of May, as a condition of receiving funding.

AUTHORIZING SIGNATURES


 Joshua Bolona
 Student Body President
 10/30/2018
 Date


 Dr. Maribeth Ehasz
 Vice President, SDES
 11/13/18
 Date



10/30/18 PM 1:15 SDES

SDES ON 14 NOV 18 8:50