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Rocket Propulsion Laboratory

You can review your answers below. If additional actions are required, you will see a "Required Actions" button above. If you want to print your information, please use the Print button above.

Status: Under Consideration

Date: 2/16/2017

Quicken Charitable Contribution

Agreement to Strategy

I have read the guidelines and qualifying criteria. Agreed

Contact Info

First Name	Parker
Last Name	Brown
Job Title (if applicable)	Lead Avionics Engineer
Phone Number	619-508-6008
Extension # (if applicable)	
Cell Phone Number	
Email Address	parker.brown@rocketproplab.org
Are you submitting a request on behalf of an organization?	Yes
Organization name (legal name)	Rocket Propulsion Laboratory
Website URL of event or requesting organization	http://rocketproplab.org/
Is your organization an Internal Revenue Service (IRS) pre-validated non-profit or public tax-exempt organization, as defined under Section 501(c)(3)?	No
Your 501(c)(3) federal taxpayer ID number	
(IRS): Non-profit Organization Status	
(IRS): Organization Legal Name	
(IRS): Organization Address	
(IRS): Organization City	
(IRS): Organization State	
(IRS): Organization Zip Code	
Organization Address (line 1)	9500 Gilman Dr
Organization Address (line 2)	
Organization City	La Jolla
Organization State	California
Organization Zip Code	92093

Proposal Info

What is the name of your event, program, or idea? Rocket LAunch Competition

Please describe & summarize your event, program, idea, or reason for submission.

Dear Sir or Ma'am

My name is Parker Brown and I am emailing you today regarding a potential partnership between Quicken Loans and my organization.

First, let me take a few seconds to introduce myself. I am Parker the Lead Avionics Engineer of the Rocket Propulsion Laboratory (RPL), a student run organization at the University of California, San Diego. Here at RPL, we are attempting to redefine how we view liquid rockets,

proving that Liquid Methane is a viable fuel source compared to more conventional sources. To do this, we are going to make our debut by entering a rocket into a collaboration event between FAR and the MARS society, where our rocket will attempt to reach 45,000ft above sea level.

However, due to the nature of liquid propellant rockets we will be unable to successfully compete without financial support from industry. We hope that we can reach an agreement to forge a partnership between us to obtain material or monetary aid in order to develop our launch vehicle.

We believe a partnership with our team would be mutually beneficial; the competition will attract some of the best Universities in the world as participants, bringing with them very intelligent students about to enter the workforce. Also, any donation made to our team would be tax deductible using our nonprofit tax code (paperwork currently in process). If a partnership with our team is something Quicken Loans would be interested in please contact me at parker.brown@rocketproplab.org.

You can also take a look at the competition website here:
http://friendsofamateurocketry.org/Launch_Contest.html
 and the website for RPL at: rocketproplab.org

Regards

Parker Brown
 Aerospace Engineering, B.S.
 University of California, San Diego

In which geographic region are you seeking support or partnership for your event, program, or idea?	Other
Please specify:	San Diego (CA)
Is this request for financial support?	Yes
Please describe your request	
Is this request for an event?	Yes
Have you already locked in a date for your event?	No
Please include the start date of the event/program	
Please include the end date of the event/program	
Where is the event/program being held?	
How much funding are you requesting?	0.00
What is the total budget for your event/program?	50,000.00
Tell us who else is involved. List other funders or partners, how they are involved, and their commitment.	This launch competition is being put on jointly between the Friends of Amateur Rocketry (FAR) and the MARS Society. FAR is providing the launch site and technical advice to competing teams. The Mars Society and a private donor are providing the \$100,000 competition reward.
You may upload a list of partners here	
If applicable please upload any additional materials (brochure, flyer, etc.)	RPL_logo.jpg
Key Focus	
In which of our key community investments & activation focus areas does your proposal align?	Support Local Entrepreneurs Improve Education for All
Please describe how you think your proposal will successfully impact our goal to stabilize neighborhoods.	
Please describe how you think your proposal will successfully impact our goal to improve public safety.	
Please describe how you think your proposal will successfully impact our goal to support local entrepreneurs.	Our project team is composed of 20 UC San Diego engineering students who are seeking to develop innovative solutions to challenging, technical problems for high powered rocketry (particularly with respect to liquid methane, liquid oxygen propellant rockets). "We see the ability to design, build, and test bi-propellant liquid-fueled rockets as a key career skill in the coming decades, with a host of new, innovative rocket companies such as SpaceX, Blue Origin and Orbital ATK taking spaceflight in entirely new directions," Robert Zubrin, president of the Mars Society, said. "Using methane as a fuel is a critical component for missions to the planet Mars, as it is easy to create liquid-methane out of the resources already available on that world."
Please describe how you think your proposal will successfully impact our goal to improve education for all.	This project takes a step towards opening opportunities in the rapidly growing Science, Technology, Engineering and Mathematics (STEM) fields. Supporting RPL's effort towards competing in the FAR and MARS Society launch competition will enable engineers at UC San Diego to develop the necessary skills to be competitive within aerospace industry after graduation. Further, the two \$50,000 rewards for the winning the competition goes directly to UC San Diego to be used for scholarships for students in the STEM fields related to rocketry.
Please describe how you think your proposal will	

successfully impact our goal to activate & animate the city.

Please describe how you think your proposal will successfully impact our goal to develop transformational sites.

Please describe how you think your proposal will successfully impact our goal to support human services (food & housing security).

I understand that I must press the “submit” button to fully complete and submit my application for review. ☐ I agree

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