

# engenuity

FTC 5969 FTC 7084  
FRC 4538

Team Engenuity  
teamengenuity.org

Warwick High School  
Newport News, Virginia

2013-2014 Appeal for Sponsorship

16 May 2014

To whom it may concern,

We are a high school robotics team from Warwick High School in Newport News, Virginia. We are fairly new – the 2013-2014 season being our second one – and we compete in three robotics competitions: the **FIRST Tech Challenge**, with an all-male team (5969) and an all-female team (7084); the **FIRST Robotics Challenge**, with a co-ed team (4538); and the **MIT SeaPerch Remotely Operated Vehicle Challenge**. We are a group of determined, creative students from grades 9-12. Our goal is to expand mankind's horizons in the fields of science, technology, engineering, and mathematics; and to instill a sense of leadership, community, and innovation in our members. We are writing to request you and/or your organization's monetary and/or physical support in making a positive impact and achieving our goals.

Competing in three robotics competitions is not an inexpensive matter. On average, most average yearly expenditures for FTC teams is approximately \$1000 – this includes parts, event registration, travel and miscellaneous costs. This quintuples for an FRC team, with event registration alone being \$5000. We do receive a sponsorship grant from NASA; however it alone is hardly covering our yearly expenses. Enclosed is a copy of our estimated budget for the 2014-2015 season.

| <b>Projected Budget for Team Enginuity, 2014-2015 Season</b><br><i>(blue denotes FRC, orange denotes FTC)</i> |  |
|---|--|
| <b>Team Registration</b>  | \$275 x2 – FTC registration for both<br>\$5000 – first FRC qualifier<br>\$4000 – second FRC qualifier  |
| <b>Event Registration</b>   | \$100 x4 – FTC regional qualifiers (2 for 2 teams each)<br>\$300 x2 – FTC state championship   |
| <b>Parts Not Included in KOP</b><br><i>(Kit of Parts)</i>   | \$180 x2 – servo motors<br>\$40-60 x2 – motor controllers<br>\$120 x2 – wheels<br>\$750 – new KOP for girls FTC<br>\$600 – new drive system for 2015<br>\$1200 – cRIO cards<br>\$400 – wheels<br>\$700 – motor controllers<br>\$400 – sheeting material<br>\$275 x2 – sheetmetal<br>\$36 – bumpers for FRC<br>\$50 – numbers for FRC bumpers |
| <b>Travel</b><br><i>(FTC is paid for by NNPS)</i>   | \$1200 – bus transportation<br>\$3800 – hotel rooms<br>\$300 – food  |
| <b>Miscellaneous</b><br><i>(promotional material, shirts, etc.)</i>   | \$370 – button maker<br>\$400 – buttons<br>\$250 – t-shirts<br>\$800 – tablets for scouting matches<br>\$450 – dedicated camera for taking pictures  |
| <b>TOTAL COST</b>   | <b>\$23,526</b>  |

Nonetheless, not all support must be strictly monetary. We are also in need of more mentors – with expertise in any of the following fields: mechanical, electrical, programming, CAD, marketing, strategic and design – to donate some of their time and hard work and help us with matters in their respective fields. It is not by any means an easy task – but it is one that is well rewarding!

With your support, we will be able to create bigger and better robots, enter more qualifying events, and do more projects to help benefit the community! Please consider donating your time / money / supplies / anything that can help us out – any donation, no matter how large or how small will be greatly appreciated!

Karen Bazemore  
Team Coach