

NSTec Competition for *FIRST* Robotics Competition (FRC) Teams

National Security Technologies LLC, (NSTec), is pleased to announce a competition for *FIRST* FRC teams in locations where NSTec has operations offices and laboratories. Prizes will be awarded for 1st, 2nd, and 3rd places and vary from \$1,500 to \$2,500.

Eligibility

2012 FRC teams must be from one of the following geographical locations:

- Clark or Nye County, Nevada
- Santa Barbara, Goleta, or Carpinteria, California
- Alameda County, California
- Prince George's County, Maryland
- Northern New Mexico

Applicants must submit a completed application form, report that addresses the “Robots in Real-Life” scenario described below, and provide a letter of recommendation.

Robots in Real-Life

A four-room house has been flooded and has a very serious mold and mildew infestation. What kind of robot would your team design that could autonomously map the floors and walls for water, mold and mildew? Provide a design concept for the controls and sensors, and a sketch of the robot. Reports must be typed, double-spaced, 12-point font, one-inch margins, and four pages or less. *Incomplete or late applications and reports will be disqualified.*

Letter of Recommendation

Provide a letter of recommendation from a team mentor, teacher, or other community professional. Student team members and coach(es) cannot write the letter of recommendation.

Deadline

Applications will be accepted through December 29, 2011. Applications postmarked after December 29, 2011 will be disqualified.

Awards

The NSTec Education Development Fund Council will review all applications and determine the number and amount of sponsorships. Selections will be announced on www.nstec.com by January 7, 2012.

About NSTec

NSTec is the Management and Operating Contractor for the Nevada National Security Site (NNSS) and associated facilities. Through our Education Development Fund, we are committed to supporting diverse and sustainable education programs focused on improving science, technology, engineering, and math (STEM) at all educational levels.

Submit applications, reports, and letters of recommendation to:

Shari Morrison
National Security Technologies, LLC
P.O. Box 98521, Mail Stop NLV015
Las Vegas, NV 89193-8521

Questions

Call Mona Higgins at 702-295-5428 or Shari Morrison at 702-295-2843.