

Proposal to:

**Support the participation of Puerto Rican Teams
At the “VEX World Championship”
at Dallas, Texas**

Presented to:

Sponsors

Prepared by:

Puerto Rico Institute of Robotics (PRIOR)

P.O. Box 71325, Suite 95
San Juan, P.R. 00936-8425

Date: January 26, 2010

Version: 1.1

Author: Prof. Wence López,
Director of PRIOR
E-mail: wlopez@pupr.edu

Telephones:
Cel:(787)385-1200
Office: (787) 622-8000, Ext.380

1. Proposal

The “Puerto Rico Institute of Robotics”, PRIOR, is a non-profit organization with an alliance between the Polytechnic University, NASA, the local government and the industry. PRIOR is please to submit this proposal to request support to twenty four (24) teams from various high and middle schools that will participate at the “2010 VEX World Championship” to be celebrated at the Dallas Convention Center in Dallas, Texas.

2. Description

We are looking for sponsors to joint our alliance to help 24 high and middle schools to participate at the “2010 VEX World Championship”. These schools were selected from the regional competition (2009 Technology challenge) celebrated on December/2009. Now they have the opportunity to compete at the VEX World Championship which will be celebrated on April-22 to 24.

These students have 3 months to construct a robot to perform several non-aggressive tasks. This robot is about 18 inches high, weights around 15 pounds and must be sturdy. For three days around 300 high/middle schools from around the world will compete in various categories such as Best Design, Best Performance, Team Work, and many others. The competition is sponsored by NASA, since it has the interest to inspire the engineers and scientist of the future.

This is a unique experience for the students, especially those interested in the field of science, technologies, engineering, and math (STEM). We invite you to joint are alliance to help this excellent students represent Puerto Rico in this competition and to inspire them into STEM.

The average cost per team of 4 students and 2 adults is about \$6,900. The cost includes the material for the construction of the robot, tools, shipping, air plane tickets, Hotel, travel expenses, and other miscellaneous. PRIOR encourage the mentors to participate by providing funding and engineering support. Any donation should be made to the name of PRIOR and should specify if the funding is for any of the following high school participating or the overall PRIOR program.

Cupeyville school- Middle school (2 teams)	Voc. Metrop. Miguel Such-H.S. (2 Teams)
Esc. Jose Aponte – High School	Robots of the Caribbean- High School
Voc. Antonio Lucchetti – High School (3 teams)	University Garden- High School (2 teams)
Bonneville School- High School	Bonneville School- Middle School
Central de Artes Visuales- High School	Wesleyan Academy – High School
Juan Quirindongo- High School	CIMATEC- Middle School
Lino Padron – High School	Rene Marquez – Middle School
Col Catolico Notre Dame- Middle School	Col Catolico Notre Dame- High School
Emilio E. Huyke – Middle School	Juan B. Miranda – Middle School
Mercedes Garcia de Colorado – M.S.	University High School (UHS)

For more information about the Robotics competition visit <http://www.usfirst.org>

For more information about PRIOR visit <http://www.pr-robot.com>

3. Estimated Cost

The estimated cost breakdown for each school is as follows:

Description	Cost	Required	Sponsored	Comments
Inscription	\$ 500	\$ 500		
Initial Robotics Kit	\$ 1,000	\$ 0	\$ 1,000	Already in hands
Other VEX parts	\$ 200	\$ 200		
Tools	\$ 80	\$ 80		
Bolts, Nuts and other	\$ 30	\$ 30		
Food during construction	\$ 400	\$ 400		Feb to April-10
Polos, advertise material	\$ 215	\$ 215		2 T-Shirts+1 polo
Engineering support/Travel	\$ 4,060		\$ 4,060	By PRIOR
Facilities during period	\$ 2,000		\$ 2,000	By Depart. Education
Airplane Travel	\$ 2,500	\$ 2,500		4 students & 2 adults
Hotel	\$ 1,490	\$ 1,490		(3 rooms, 4 nights)
Food for 4 days at Dallas	\$ 1,200	\$ 1,200		Per person \$50/day
Shipping	\$ 200	\$ 200		
Other Misc.	\$ 125	\$ 125		
Total estimated	\$ 14,000	\$ 6,940	\$ 7,060	

- From the total estimated cost of \$14,000; around \$6,940 is required because \$ 7,060 is sponsored.

The total amount required to support all twenty four (24) Schools is \$ 166,560.

Description	Cost	Required	Sponsored	Comments
Total 24 School teams	\$ 336,000	\$ 166,560	\$ 169,440	