Greetings from the Metamora/ Washington Area FIRST Robotics Team!

The student body of the Metamora and Washington High Schools and the communities are extremely excited about the development of the FIRST Robotics team within the region. Although FIRST Robotics was new to these schools this year, it has been gaining tremendous worldwide momentum over the past decade. We are certain that FIRST Robotics is having a very transforming positive effect upon the lives of the students involved.

The MARS/WARS (Metamora/Washington Area Robotics Students) team competed in the Milwaukee Regional in March and had a thrilling finish. MARS/WARS caught the attention of many veteran teams with a strong 9th place qualification finish out of 48 teams. This led the team to receive the Highest Rookie Seed Award along with the Rookie All Star Award. The students were very excited as these awards were coupled with an automatic bid to the World Championship in St. Louis. In the April Championship hosted at the Edward Jones Dome, the MARS/WARS team was selected by the number one seeded team to join their alliance in the elimination tournament. This alliance then placed as a division finalist. The students are all very excited about this accomplishment, and are anxious to get started again next season.

As the MARS/ WARS team is moving into greater levels of competition, and as the team is hoping to sustain into the future, we are inviting area industry members to partner with the team. We believe that partnerships with the team are a great way for businesses to generate visibility, while having a very positive impact upon the community and future workforce. These sponsorships will assist the school with robot and hotel costs for the students while at the competitions. New partners will be given recognition on the competition robot along with media recognition as noted in the attached sponsor levels chart.

We hope that you consider participation in this regard. Details for donation can be found on the following page. Likewise, we also encourage you to visit our student developed team website at www.marswars.org. Please feel free to contact us at any time if you have questions or considerations.

Thank you!

Joseph Bachman
FIRST Robotics Team 4143
Email: jbachman@mths.us
FIRST Robotics - Quick Facts:

MARS/WARS:
→ Metamora/ Washington Area Robotics Students
→ 32 Student team members this year
→ 15 Adult Mentors from Industry
→ Hosted at the MTHS Vocational Department
→ Students are members of the following sub teams: Programming, Electrical, Mechanical, Design, Marketing, & Administration

FIRST Robotics: What is it?
→ Students are given 6 weeks during January & February to build a wirelessly controlled robot to compete in a game that changes each year.
→ FRC is a competition that stimulates student appetite for learning by coupling fierce competition with gracious professionalism.
→ MARS/WARS Student developed website: www.MarsWars.org
→ FIRST Robotics Website: www.usfirst.org
→ Game Animation: http://www.youtube.com/user/FRCTeamsGlobal
Industry Partners: 3 Ways you can help

1. Pledge financial resources:
   The following pages show a preliminary budget for expenses that will need to be offset for this program to be sustained on a yearly basis. Any dollar amount given is appreciated. All donations are tax deductible.

2. Pledge mentor support:
   As many of the technical aspects of the FIRST Robotics program will be new to first time students, a base of adult mentor support is necessary to help guide students along the developmental process. Any person with interest is invited to inquire about more information regarding participation in this program. A description of the role of a FIRST Robotics mentor is shown in the following pages.

3. Pledge physical resources:
   The largest fee depicted in the budget is applied towards the regional competition registration and the initial standard kit of parts. However, there are also a great deal of additional physical resources needed for this program. The following pages have a sheet that shows a preliminary list of the additional needed materials. We are greatly appreciative of any of these materials that can be donated if your business has extra availability.

Business Name: ___________________________________________
Contact Name: ___________________________________________
Address: ___________________________________________
Phone #: ___________________________________________
Email: ___________________________________________

☐ Yes, I will pledge support of a FIRST Robotics team to be hosted at Metamora Township High School in the following ways. (check those that apply)

☐ Pledge of financial assistance:
   Total Pledge: $____________________
   Pledges will ideally be collected in October of 2012. However, these can be accepted at any time.

☐ Interested in finding out more about becoming a mentor:
   Name: ________________________________
   Phone #: ________________________________
   Email: ________________________________
   Field of Interest/ Expertise: ________________________________

☐ Pledge of physical resources:
   Resources pledged: ________________________________
   Date resources can be redeemed: ________________________________
   Metamora High School will contact you to determine a method of picking these up.

Completed forms can be emailed to:
   Metamora Township High School:
   Attn: Joseph Bachman
   101 West Madison St.
   Metamora, IL 61548

Pledge information can also be emailed to Joseph Bachman at: jbachman@mths.us
Industry Partners:

Sponsorship Levels:

Platinum: $5,000:
- Recognition in team press
- Business name and/or logo displayed on the robot
- Business name and/or logo displayed in pit area at competitions
- Business name and/or logo recognition on the team T-shirt (largest font)
- Robot demonstration at business location by request for local businesses
- Prominent "Platinum" level sponsor recognition on the team website, brochures, and banners

Gold: $2,000:
- Recognition in team press
- Business name and/or logo displayed on the robot
- Business name and/or logo displayed in pit area at competitions
- Business name and/or logo recognition on the team T-shirt
- Robot demonstration at business location by request for local businesses
- "Gold" level sponsor recognition on the team website, brochures, and banners

Silver: $1,000:
- Recognition in team press
- Business name and/or logo displayed on the robot
- Business name and/or logo displayed in pit area at competitions
- Business name and/or logo recognition on the team T-shirt
- "Silver" level sponsor recognition on the team website, brochures, and banners

Bronze: $500:
- "Bronze" level sponsor recognition on the team website, brochures, and banners

Friends of MARS/WARS: up to $500
Our "Friends of MARS/WARS" level is designed for private individuals who are interested in helping with the ongoing expenses of running our FIRST Robotics program. In recognition of your appreciated support, your name will appear on our team webpage.

All sponsorships are tax deductible and are accepted as monetary or in-kind donations.

Checks can be made payable to:
Metamora High School Robotics

Mail to:
Metamora High School
Attn: Mrs. Connie Grebner
101 W. Madison St.
Metamora, IL 61548
Industry Partners:

Pledge of Financial Resources:

Budget:

Although there is a significant cost associated with sustaining a FIRST Robotics team, we are confident that the benefits of this program significantly outweigh the cost. The following is a basic budget of costs that will be necessary to sustain the MARS/WARS FIRST Robotics team on a yearly basis into the future.

<table>
<thead>
<tr>
<th>#</th>
<th>ITEM</th>
<th>PRICE EACH</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Registration Fee: This fee includes all costs associated with registering for a regional competition. This also includes a basic kit of parts to begin building the robot.</td>
<td>$5,500.00</td>
<td>$5,500.00</td>
</tr>
<tr>
<td>1</td>
<td>Many additional materials beyond the basic kit of parts are needed to build the robot. This budget line is an amount that has been very standard for teams across the country.</td>
<td>$3,500.00</td>
<td>$3,500.00</td>
</tr>
<tr>
<td>18</td>
<td>Hotels: Students will stay in a hotel for the Thursday and Friday nights of the regional competition. This figure is accounting for a team of 36 students and 4 students to a room.</td>
<td>$120.00</td>
<td>$2,160.00</td>
</tr>
<tr>
<td></td>
<td>Transportation to Regional: Metamora High School is providing bus transportation to all events.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Meals/ Spending: Students will be responsible for their meals and other spending expenses during the competition.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TOTAL</td>
<td></td>
<td>$11,160.00</td>
</tr>
</tbody>
</table>
Industry Partners:

Mentor Information:

If you have an interest in working with high school students, you could be a great fit for a mentor. There are many technical and non-technical interest areas that are integral for the success of the team. Many of the mentors have found participation in this event to be a very rewarding experience. Several of the mentor fields and responsibilities are shown below. Please contact us if you have any questions, or if you are interested in finding out more about serving as a mentor.

Primary Mentor Roles:
- Robot Concepting
- Robot Modeling
- Programming
- Electrical
- Mechanical
- JV Team
- Marketing
- Administration

Secondary Mentor Roles:
- Rule captain mentor
- Chief Delphi website mentor
- Safety chief mentor
- Collaboration mentor
- Scouting mentor
- Pit development mentor

Team support roles:
- Travel coordination mentor
- Fundraising mentor
- Sponsorships/grant mentor
- Team social coordination mentor
Industry Partners:

Additional Resources Needed:

Although the initial registration fee covers the basic kit of parts to build the robot for the FIRST program, there is generally a great need for additional resources to be able to build a custom design. The following is a preliminary list of additional resources that are very helpful when building this robot. Our team is very grateful if your business has additional resources in inventory that you are willing to donate.

1. Machine bolts, nylock nuts, washer kits, pop rivets, hardware
2. Aluminum angle, strap, or channel
3. Electrical wire & connectors
4. Plexiglas or lexan
5. Tools