



Dear Potential Sponsor,

We are a group of students from New Underwood School that participate in First Tech Challenge Robotics. First Tech Challenge is a STEM robotics competition in which teams design, build and program a robot to accomplish both autonomous and remote control tasks on a 12'x12' competition field. In the 2024-2025 season, we did well enough to move from the qualifier in Fargo, N.D. to the Regional Championship in Bismarck, N.D.

Competition tasks from the 2024-2025 season included:

- Hang game pieces from one of 2 horizontal bars, the higher bar was worth more points
- Collecting small rectangle shaped game pieces from a central area.
- Delivering the game pieces to a human player, then retrieving and hanging them
- Being able to reach high, and far while still remaining within a set robot footprint.
- Lifting the entire robot off the ground by hanging from a bar and attempting to transition from one bar to another.

The 2024-2025 season was our fifth season. Over those seasons we learned more of what we need to be successful going forward.

The things we need include:

- More custom-made components that we design and manufacture ourselves.
- Having the Full Game Element set, which changes each year, to have a properly calibrated robot. This can be purchased as a full set (\$450). The full set will allow us to demonstrate to new local teams and possibly scrimmage with them.
- Doing as much outreach as we can, such as going to local events and showing our robot to the public.
- Helping to get more teams started in the Western South Dakota area.
- The extra time in the design phase of the robot can make a world of difference.

We are looking for sponsorships to offset the cost of these expenses:

- 2025-2026 Team Registration Fee: \$350
- 2025-2026 Competition Registrations: \$100
- Robot Materials: \$800
- 2025-2026 Game Element Kit: \$600
- Outreach Materials: \$600
- Team Attire: \$150
- Team Starter Kit: \$1500 (This would allow us to help start other teams by allowing us to loan the needed hardware to get a start on their first season)

As of 2023, our team is a 501(c)(3) nonprofit organization. This means donations made to our team are tax deductible. If you are able to help with our project or have questions about the FTC program, we can be reached at [Team@FTC18045.com](mailto:Team@FTC18045.com). Our instructor, Casey Tippmann, can be reached at [Casey@FTC18045.com](mailto:Casey@FTC18045.com).

Sincerely,

First Tech Challenge Team #18045

## Team Pictures



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## Sponsorship Tiers

- Donations of \$800 or more will be acknowledged with your name on our robot, team banner and other media.
- Donations of \$400 to \$799 will be acknowledged with your name on our team banner and other media.
- Donations \$100 to \$399 will be acknowledged on a Sponsorship Board that will be on display at our events.

If you wish to donate to our team, please contact our coach at [Casey@FTC18045.com](mailto:Casey@FTC18045.com). We can also accept donations in the form of a check. Please send checks to the address below and include the tear off at the bottom of this page if you wish to receive a receipt for your donation.

Rusty Nail Robotics  
P.O. Box 13  
Caputa, SD 57725

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Please send me a receipt for my donation of \_\_\_\_\_ to the address listed below.

Name \_\_\_\_\_

Address \_\_\_\_\_