

Hello,

We are excited to share with you the achievements of Team 7048, Red River Rage. Our team recently had the honor of winning the Engineering Inspiration Award, a testament to our dedication, innovation, and impact within the FIRST Robotics Competition (FRC) community. This is the second year in a row we have won this award. Winning this award is extremely difficult and winning it two years in a row is something that has been done less than a handful of times in the last 30 years throughout the thousands of teams in FIRST. We are currently preparing for the upcoming FIRST Championship in Houston, Texas. We are reaching out to request your support in raising funds to represent our team at the championship event this year.

Red River Rage has been a beacon of excellence in the FRC program, focusing not only on building competitive robots but also on inspiring and empowering our community. Winning the Engineering Inspiration Award recognizes our efforts in promoting STEM education, community engagement, and outreach initiatives throughout the season.

Attending the FIRST Championship is a remarkable opportunity for our team to showcase our robot, collaborate with top teams from around the world, and participate in valuable learning experiences. However, the costs associated with travel expenses, registration fees, accommodations, and equipment transportation pose a significant financial challenge for us.

We believe that your organization's commitment to supporting STEM education, fostering innovation, and empowering youth aligns perfectly with the values and mission of FIRST and FRC. By partnering with us, you will not only help us celebrate our Engineering Inspiration Award win for the second year in a row but also invest in the future of STEM leaders and innovators.

Here are some ways you can support us as we prepare for the FIRST Championship:

1. **Financial Sponsorship:** Your financial contribution will directly support our team's travel expenses, registration fees, and other costs associated with attending the championship event.
2. **In-Kind Donations:** In-kind contributions such as equipment, tools, materials, or services will enhance our robot's performance and overall competition experience.
3. **Mentorship Opportunities:** Your expertise and guidance in areas such as engineering, programming, or project management can provide invaluable support and mentorship to our team members.

We are confident that with your support, we will not only represent our community proudly at the FIRST Championship but also inspire and empower other young individuals to pursue STEM fields and make a positive impact on society.

Thank you for considering our request and for your continued commitment to fostering innovation and education. We look forward to the possibility of partnering with you and sharing our journey to success at the FIRST Championship.

Sincerely,



Proposed Budget

Below is our estimated budget to cover the additional expense to send our team to the FIRST Robotics Championship.

Item	Amount	Notes
Worlds registration fee	\$5,750	
Transportation	\$10,000	14 students, coaches, and mentors
Robot and tools transportation	\$2,500	Shipped via the Northern Minnesota Robotics Conference
Hotels	\$10,500	Eight rooms for five nights
Additional expenses	\$3,000	Team meals, etc.
Total	\$31,750	

TEAM 7048



RED RIVER RAGE
7048

Fargo, ND

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LETTER FROM THE COACHES

Hello,

We sincerely appreciate your consideration of support for Fargo Robotics Team 7048, Red River Rage. This package will provide you with more information about our FRC (FIRST Robotics Competition) team, on and off the competition field, and ways you can provide much-needed support. Our team encourages the development of students' interests in STEM (Science, Technology, Engineering, and Mathematics) to prepare them to enter the workforce.

Building and designing a competitive robot is not an easy process. FRC is known as the hardest fun ever. Each year, our design and build season is six weeks long. It is an expensive and time-consuming endeavor that flies by unbelievably fast, with so many tasks to be accomplished and refined. From the official Season Kickoff in January, when we learn what tasks this year's robot is expected to be able to perform and receive our kit of parts, to building a crude prototype, and having a competition-ready robot by March, the journey is long, stressful, and life-changing. However, its value and benefits reach far beyond robotics and competition. Through the program, students gain invaluable opportunities to experiment and explore their technological capabilities and gain exposure to several aspects of technology, including engineering, technical design, computer programming, business management and marketing.

For Red River Rage to be successful, we rely on our community for support. Our team has a dedicated group of mentors from industry that donate their time to help our students build their robot every year. During this time, students are gaining new knowledge and skills. The team also relies on monetary support to purchase the necessary materials, tools, and resources to construct and program a competitive robot. Any support offered will allow us to continue our program that provides unique opportunities to our students as they explore their passion for STEM and prepare them to enter today's evolving society.

Included in this packet are:

- The History of Fargo Red River Rage
- What is FIRST & FRC
- Season Budget
- Sponsorship Levels
- Sponsorship Form

Fargo Robotics Team 7048, Red River Rage, depends on donations to be able to continue this unique program. We appreciate any support you are able to provide to the team.

Sincerely,

Tim Ryan & Rory Held



THE HISTORY OF 7048

The Fargo Red River Rage Robotics Team, 7048, was founded in the Fall of 2017 and competed at the Great Northern Regional Tournament in Grand Forks, North Dakota in 2018. They worked alongside the West Fargo and Moorhead robotics teams in a shared build space. That year, 7048 was awarded the Rookie All Star award and had the privilege of competing at the FIRST Championship event in Detroit, Michigan. In 2019, 7048 competed at the Great Northern Regional in Grand Forks, North Dakota, and the Seven Rivers Regional in La Crosse, Wisconsin. The team was part of the winning alliance at the event and for the second year in a row competed in the FIRST Championship event in Detroit, Michigan. At the end of the 2019 season, the leadership of the team stepped down. The West Fargo and Fargo robotics teams were in jeopardy of folding. Tim Ryan and Rory Held stepped in and took over leadership of the Fargo team, however West Fargo was unable to continue.

In 2020, 7048 Red River Rage was fortunate enough to compete at the Great Northern Regional in Grand Forks, North Dakota, before the season was shut down due to COVID. During COVID, 7048 lost their build space, lost students due to graduation, and had a large group of mentors leave the team. Due to this, 7048 did not participate in the 2021 FIRST at home season.



When the 2022 season kicked off, 7048 Red River Rage (Fargo) and 4360 Spudnik (Moorhead) robotics teams were still working to move into a new build space, finding its current home at the Moorhead High School Career Academy, in the former Sam's Club building. 7048 competed at the Lake Superior Regional in Duluth, Minnesota, and the Great Northern Regional in Grand Forks. In 2023, 7048 competed at the Great Northern Regional and the Iowa Regional in Cedar Falls, Iowa.

2024, Red River Rage had an amazing season. They competed at the Great Northern Regional and the Granite City Regional in St. Cloud, Minnesota. One of the team members was named a finalist for the Dean's List award. Only two students from the hundreds in attendance at each regional competition are selected for this prestigious award. The team also won the Engineering Inspiration award. This is one of the hardest awards to win. It celebrates outstanding success in advancing respect and appreciation for engineering within a team's school or organization and community. Both awards qualify for the team and



individual to compete at the FIRST Championship Competition in Houston, Texas. Down in Texas the team competed fiercely and represented Fargo extremely well.



2025 has been extremely strong for Red River Rage. The team competed in the Northern Lights Regional in Duluth, MN. For the second time in a row, the Red River Rage won the Engineering Inspiration award. Winning this award back-to-back is something that has only been done a handful of times in the last 30 years.

2025 NORTHERN LIGHTS REGIONAL
Engineering Inspiration Award

7048 - Red River Rage

FIRST ROBOTICS COMPETITION
MINNESOTA - DAKOTAS

REEFSCAPE

PRESENTED BY **HAS**
Gene Haas Foundation



AWARDS HISTORY

2018

Rookie All Star Award - Celebrates the rookie team exemplifying a young but strong partnership effort, as well as implementing the mission of FIRST to inspire students to learn more about science and technology.

Highest Rookie Seed - Celebrates the highest-seeded rookie team at the conclusion of the qualifying rounds.

2019

Regional Winners - Celebrates the Alliance that wins the competition.

2021

Volunteer of the Year – Presented to an individual, business, or organization to celebrate and recognize the extraordinary contributions of time and skills to the FIRST community. Awarded to Coach Rory Held

2024

Dean's List Award - Celebrates and recognizes the leadership and dedication of the most outstanding students participating in FIRST. Awarded to Juliette C

Engineering Inspiration - Celebrates outstanding success in advancing respect and appreciation for engineering within a team's school or organization and community.

2025

Engineering Inspiration - Celebrates outstanding success in advancing respect and appreciation for engineering within a team's school or organization and community.



2025 SEASON BUDGET -

Item	Amount	Notes
Grand Forks Transportation	\$ 3,000	
Grand Forks Tournament Registration	\$ 6,000	
Grand Forks Hotels	\$ 2,750	2 Nights
Duluth Transportation	\$ 5,000	
Duluth Tournament Registration	\$ 3,000	
Duluth Hotels	\$ 4,000	3 nights
Additional expenses	\$ 3,500	Team meals, office supplies, uniforms, etc
Robot Material	\$ 5,000	
Regular Season Total	\$ 32,250	
Worlds registration fee	\$ 5,750	
Transportation to Houston	\$ 10,000	\$8k flights; \$2k car rentals (Bus quote = \$17,500 plus hotel rooms for 2 drivers, \$2k)
Robot and tools transportation	\$ 2,500	We plan to share a truck and trailer with 2 other teams to split up the cost
Hotels	\$ 10,500	8-10 hotel rooms, depending on the number of students/mentors 5 nights
Additional expenses	\$ 3,000	Team meals, office supplies, etc.
Championship Tournament Total	\$ 31,750	



SPONSORSHIP LEVELS

Benefits	Levels			
	Platinum 5000+	Gold \$2,500	Silver \$500	Steel < \$500
Robot	Large Logo on the Robot	Medium Logo on the Robot	Listed as a Sponsor on the Robot	
Pit	Large Logo on Pit Sponsor Banner	Medium Logo on Pit Sponsor Banner	Small Logo on Pit Sponsor Banner	Listed on Pit Sponsor Banner
Website	Call out on the Website & Logo on Sponsorship page	Logo on sponsorship page	Logo on sponsorship page	Listed on Sponsorship Page
Social Media	Social Media Shout Outs	Social Media Shout Outs	Social Media Shout Outs	
T-Shirt	Large Logo on Team Shirt	Small Logo on Team Shirt	Listed as a Sponsor	

*Additional benefits may be discussed as requested

STEM Alliance

@STEMAlliance



venmo

STEM Alliance



Square

Please enter "Team 7048" in the Note/Comment.
More info can be found at: stemalliancecfm.org/Champs



SPONSORSHIP FORM

Business Name:	
Contact Person and Title:	Phone: Email address:
Address:	
Business Website:	
Alternate Sponsorship/Finance Contact Person:	
Amount Donated:	Method:
Please make checks payable to STEM Alliance, and indicate "Team #7048" in memo line	
EIN: 84-3692756	Mailing Address: STEM Alliance Attn: Team 7048 PO BOX 6465 Fargo, ND 58109
Special designation for how sponsorship should be used:	
Material Donations: Item/s: Amount: Value:	
Please Email logo to FRC7048@stemalliancefm.org	
Company description or verbiage for website/press release or other website features:	
Tags for social media usage:	

