

MEMORANDUM

TO: City Council

FROM: Alfred D. Lott, ICMA-CM, CPM
City Manager

SUBJECT: *Status Report*

DATE: October 11, 2018

Status Report

1. Economic Development committee (EDC)

The Bowie EDC held their regular meeting on Wednesday and talked with representatives of the Bowie High School Robotics Team. The team is looking for mentors and sponsors for their upcoming robotics competition. A brochure describing the team and the support it needs is attached. The next regular Ed meeting is Wednesday November 14, 2018 at 7:30 AM.

ADL/lfr
Attachment

Our Competition

Our team participates in the First Robotics Competition. This competition is sponsored by the organization "First". The competition requires teams to build and program industrial-size robots to play a difficult field game against like-minded competitors. This last year, our competition involved our robot collecting and shooting balls into a hoop, climbing a long rope into a platform as well as collecting and dispensing



Successes and Difficulties

Our experience was encompassed with triumphs and failures. Despite being faced with the daunting task of competing against experienced, well funded teams from all across the region, we still overcame adversity and constructed a formidable robot. We won matches, we lost matches; we earned points and we lost points; however, through our companionship, will, and determination, we learned and developed an interest in the expanding interdisciplinary field of robotics.



What Do We Do?

Our team is faced with the task creating an adept, fully functional robot, to compete with teams all across the world in a game where our robots have to complete challenges and conquer obstacles.

Our team consists of:

- **A Mechanical team:** This team crafts and constructs the framework and mechanical components of our robot
- **An Electrical team:** This is responsible for laying out and wiring the hardware on our robot.
- **A Programming Team:** This team is responsible for developing and running the code that enables us to control our robot
- **A Business team:** Our business team is responsible for raising funds, finding sponsors and helping expand our team's outreach.

Thank you
for your
interest in
FRC and our
Robotics
team in
Bowie High-



FIRST[®]Robotics Competition

(Donation/Sponsorship)

Throughout the course of our journey, our robotics team is responsible for several expenditures: the cost of the tools and technology we utilize, the cost of the materials we build with, the cost of lodging during our FRC competitions and not to mention our \$5,000 entry fee.

We receive minimal funding from our school and we therefore rely on sponsors and donations.

If you are interested in assisting our robotics team, feel free to contact us.

Bowie High Robotics .
(Team Quantum)

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Robotics



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