To Whom It May Concern,

Enclosed with this letter is the Formal Design Proposal for Team 13’s robot for the ENPH 253 “Fire at the SPCA!” Robot Competition.

We wish to inform our proposal’s audience of the technical aspects of our robot’s design, and have it reviewed in terms of the plausibility of the robot’s design, as well as the accuracy of our calculations. The proposal will also inform its audience of our team’s process of project management during the course of the project’s term.

The proposal will cover technical topics regarding the components of the robot’s design, including the chassis, robotic arm, basket, driver and actuator system, tape following sensor system, IR detection system, and circuits that control communication between the TINAH and a given component. This proposal will also cover non-technical topics such as an overview of our team’s basic strategy, the major milestones our team wish to meet on schedule, the complete task list and list of responsibilities assigned to each team member, as well as risk assessment and contingency planning.

To close, we certify that the contents of this proposal is a product of the work and research conducted solely by the four members of Team 13, without any unagreed duplication of other teams’ designs of major components, and that any work conducted by another team that is found to be conceptually similar to our own is purely coincidental.

Best Regards,

ENPH 253 Team 13

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