Disaster Shelter Competition Report and Presentation Format

Competition Report

Prior to the actual competition, teams must prepare a Project Report to include design specifications of their prototype and explanation of how it meets the design parameters. The report is meant to help you bring together what you have done and to showcase your Shelter to the judges. The Report should include the following:

- Review of Existing Emergency Shelter Designs that are being used around the world. This provides some perspective on what is already being used in various locations and situations and may provide some ideas for new designs.

- Explanation of Method of Design of the Team Prototype. Explanation of assumptions, design calculations, research and investigation about the location and situation, trade-off decisions, etc.

- Reports should include a drawing at a minimum and photos or representation of the shelter design

- Validation that the prototype meets design criteria (size, cost, etc) including a table comparing the required specifications and achieved specifications (i.e. comparison of your shelter to the scoring matrix).

- Explanation of how the shelter is culturally appropriate to the given scenario. Review your research of the climate, culture, materials, limitations, etc. and explain how your shelter would be acceptable to the people in the culture it will be supporting.

- Suggested possible modifications or improvements to the prototype that may have been considered at the conclusion of the proto-type construction. That is, throughout the design and construction process, teams usually discover that something could be done better or different, but time or resource constraints do not allow the improvements to be made.

- Provide a draft of your water/sewage treatment plan

- Please submit your Report NLT March 30, 2020 via email to MT**errill@jbu.edu**

When sending your paper, please include the following information in the email:

- **University**

- **Supervisor**

- **Team Contact Information - Address, Phone, Email**

Competition Presentation

During the on-site testing phase of the Competition, teams will be required to make a presentation to the Competition Judges that showcases their Shelter and explains to the Competition Judges how their Shelter meets the Competition Criteria. Teams will have 45 minutes to present, including 15 minutes for questions and comments from the Judges. Generally, the presentation should present much of the information from the Report but in a summary fashion that will give the Judges the best understanding of how the Shelter meets the Competition Criteria.