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Geo-Challenge

To Kelly Cabal,

The Geo-Challenge team is an ASCE National Competition where students coordinate with each other to design, fabricate, and build a model mechanically stabilized earth (MSE) retaining wall. More specifically a wrapped face wall, using Kraft paper reinforcement and soil. The objective is to build the wall using the least amount of reinforcement needed to support the design surcharge loads as well as be able to effectively communicate our analysis and design approach. The event allows students to apply the knowledge they have accumulated throughout their college careers in a practical manner while introducing the students to valuable team building and project management skills they will utilize in their engineering careers.

The money awarded to California State University, Sacramento's Geo-Challenge team will be used to purchase a variety of items needed to construct the MSE wall. The list of items that will be purchased is listed below:

1. Soil
2. Wood
3. Personal Protection Equipment (dust masks, gloves, etc.)
4. Tools
5. Buckets
6. Screws & Bolts
7. Steel All Thread

Thank you for considering our Geo-Challenge team as potential beneficiaries. We look forward to your response and thank you once again for your time.

Thank You for Your Consideration,

Gheed Abdul Sattar
Geo-Challenge President

