



To Whom It May Concern,

Recent severe storms have caused massive flooding across our region. Thousands of families have been evacuated from their neighborhoods and many homes have been destroyed. With no way to predict how long these residents will be out of their homes, there is an urgent need for emergency shelters.

Currently, displaced residents are living in tents, community centers, or with friends and family and are in dire need of temporary housing. We have secured several acres of land in a safe location and we are looking for designers to help build homes so these residents can regroup as a community away from the flood zone.

We are holding a contest to build a prototype home that meets the following criteria:

- Able to fold and pack flat for easy transport.
- Made of two manilla folders, using folds to make the structure strong enough to hold 1kg inside the shelter without breaking.
- Assembled in under five minutes with just tape.
- Be ≥ 2 cm above the ground.
- Have ventilation that opens to take advantage of winds, and closes if rains continue.
- Use at least one triangle or column for strength.
- Have 100 cm² of floor space to fit a family of four.

Your team should also design and build a model home that solves needs that you believe will be important. What additional needs do you anticipate and how will your structure solve them?

We will be looking at all designs to use elements of successful structures to build our full size structure. Prototypes will be evaluated on their ability to meet the above design constraints and must be able to be flattened, transported to the location, and assembled quickly.

Sincerely,

Katie Brown
Communications Director
Flood Zone Fabricators