Our prototype tray design is a rectangle that has dimensions of 9 inches by 18 inches. The base of the tray in our prototype is made of cardboard but wood is provided for the actual base and the actual tray is made up of chicken wire. The design of chicken wire allows for the flow of air to be passed to the food and allow efficient drying. Chicken wire is durable and will not break easily due to its flexibility and strong material. It is available in Kenya from several suppliers and for an inexpensive cost. Because chicken wire is made of metal it should be easy to clean and due to its thin nature, it is easy to cut and form into desired dimensions. Kenya’s climate is primarily of hot temperature so metal chicken wire would be ideal to use to heat up and dry food that is placed on it. The safety of the chicken wire is not the greatest, but adjustments can be made to ensure a food safety condition. One possible adjustment would be to place wax paper on top of each trays and poking holes in the paper to allow good air-flow. Then, instead of having to clean off the wire frame, one could simply replace the wax paper. This solution is very food safe, and extremely easily cleaned. The wax paper would also be inexpensive. The chicken wire can be bought in Kenya through KD wire through the following website:

http://www.ngombe.co.ke/flash_page.html