

## **ABSTRACT**

In Indonesia, furniture and furnishings experience a steady development every year. This is due to the endless need for furniture. Sofa is one type of furniture that has experienced many developments ranging from material to function. Sofa bed is a form of sofa development in terms of function. There are several types of sofa beds with their respective operations. Operations on the market still use a manual system. This certainly makes users spend energy to turn the sofa into a bed. Therefore, development is needed in terms of its operation to make it easier for users. In the operational system of a product there is an electrical system by utilizing electricity. By using this electrical system, the sofa bed operation will be easier and save energy. In this design will be made in a scale of 1:10, the placement of electrical devices will not interfere with aesthetic value. This design uses a comparative method with existing products. For data collection and information used are field surveys, literacy studies and interviews.

***Keywords: Furniture, Sofa Bed, Electric System***