Abstract— **Kailinese language is one of the regional languages in Indonesia that flourishes in the Central Sulawesi Province. The current existence of the Kaili Regional Language is concerning due to several factors, including the limited everyday use of Kaili language and the difficulties faced by new speakers in learning Kaili, as there are no comprehensive text translations available in Kaili. The contribution of this research lies in providing a Kaili language dataset, as there is currently no available dataset specifically for machine translation purposes. Additionally, a translation system is developed for translating Indonesian to Kaili using the IndoBART-V2 model, which is based on the state-of-the-art transformer architecture. By employing default parameters and preprocessing with the "Kamus Alay," the SacreBLEU scores of 19.8 for Indonesian to Kaili translation and 23.0 for Kaili to Indonesian translation are obtained, demonstrating the effectiveness and accuracy of the constructed model in performing translations.**