

PROPOSED "AA" SLAUGHTERHOUSE
IN IGBARAS, ILOILO

A Project Study

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ABSTRACT

Meat like pork, beef, or chicken has been the staple food of humans for the past years in order to survive and as the years passed by, the demand for meat production increases. An effective facility is needed to cater this demand of the consumer. Public slaughterhouse, also called as an abattoir, is a building used for killing farm animals where the meat is intended for human consumption. It is made to accommodate the number of meat products and the expanding volume of livestock community. Thus, to address this demand of the consumers the local government of the Municipality of Igaras proposed to construct an “AA” slaughterhouse at Barangay Poblacion III, Igaras, Iloilo where it will also serve as a producer for the meat production of the neighboring municipalities.

The proposed project is made of reinforced concrete. The National Meat Inspection Service, National Structural Code of the Philippines (NSCP) 2010 and Ultimate Strength Design (USD) were used as the basis for the structural analysis of reinforced concrete members and design. Anaerobic treatment will be used to treat the waste water from the slaughterhouse in order to minimize the foul odor.

The proposed project will occupy a total area of 1, 593 square meters with an estimated duration of 188 days and a total estimated cost of Php 12,982,776.44 that will come from the fund of local government of Igaras and private sectors that are interested to donate and help in the construction of the project.

Keywords: slaughterhouse, anaerobic treatment