This practical work is motivated by the student's obligation to complete compulsory courses in semester 7 for graduation requirements for S1 Department of Industrial Engineering, Faculty of Industrial Engineering and Design, Telkom Institute of Technology Purwokerto. Another purpose of the above background is to find the constraints and solutions that occur in a company system PT. Mutiara Agung Perkasa which resulted in ineffective and inefficient in the process. As happened to the department *technical project*. The problem that arises is the ineffectiveness of the data reporting system from the field to the parties *technical projects.*

The practical work method used is Ishikawa Diagram (Cause-Effect Analysis). Ishikawa diagram is a reactive risk management method by identifying the potential causes of a problem to find the root cause of the problem through sessions *brainstorm*. An action and corrective steps will be easier to take if the root cause of the problem has been found.

Identification that has been carried out during practical work time finds a problem or obstacle at the filing stage, such as delays in reporting work files due to lack of field data received so that the time for seeking funds is behind schedule. This will certainly reduce the level of effectiveness of working for the department, and will have an impact on the entire company system. Therefore, it is necessary to use a method *fishbone* diagrams to find the root of the problem, and find effective and efficient solutions.

Method *fishbone* diagrams and concepts *kaizen* find the root of the problem and the consequences of the case study filing. Furthermore, in its application kaizen makes effective and efficient solutions. However, it is necessary to re-monitor the performance of the implementation of the solution.

Keywords: *Fishbone* Diagram, *Kaizen*, *Technical Project*, Cause of Problem, Corrective Step.