Project review is an essential part in project management. It consists of two main processes, Evaluation and Prediction. Evaluation aims to assess the performance achieved between successive reviews and portrays a clear picture about the project's current situation. Prediction takes the outcomes of the evaluation process and produces a forecast for the project's future. Project review needs criteria to evaluate the situation of the project. The standard criteria in project management are time, work, quality and resources. This research augments current techniques in project review by developing a method that incorporates the techniques of earned value and balanced scorecard. The integration of these techniques within the context of project review presents an innovative approach that should enable decision makers more accurately to predict the performance of a project