

ABSTRACT

RSUD Dr. Soeselo Slawi as public facility of health society besides handling health problem another one business process is handle hygiene environment by entangling third party as executor worker. RSUD Dr. Soeselo Slawi of selection contractor candidate still have the character of subjective so that result of decision less with quality and unfavorable, so needed the application can help selection contractor candidate with the result that best quality. Application can used for media of decision making support competent contractor to handle this project at RSUD Dr. Soeselo Slawi.

DSS is a system used to support of existing decision, in this project result from assessment contractor candidate compared to be relied by specific criteria so that determination from a decision can more objective.

Decision Support System (DSS) will be developed by using method AHP (*Analytical Hierarchy Process*) and SMART (*Simple Multi-Attribute Rating Technique*). Programming language used by PHP (*Pre Hypertext processor*). Macromedia Dreamweaver as editor HTML, Adobe Photoshop for interface design, and MySQL for database processes.

Key word = contractor, SPPK, AHP, SMART, PHP, MySQL