

CMMI and Outsourcing

You represent a company which plans to outsource part of its software development. As your outsourcing partner has no detailed understanding of the application domain of the software to be developed, you prepare a requirements specification and propose a high level software design. Your outsourcing partner carries full responsibility for detailed design, implementation, integration and all testing activities. Further he writes a user manual and provides a complete maintenance documentation. The acceptance procedure for results delivered by the outsourcing partner is defined by an acceptance test with predefined criteria and is conducted by the receiving party. After having been accepted, the project will enter a 3 months warranty phase where the outsourcing party will fix all bugs that are reported in that period. Extensions and enhancements beyond the scope of the requirements specification need to be handled in a separate contract.

Tasks and Questions:

1. Write down disciplines that need to be executed in the scope of the project by either party (company and outsourcing partner).
2. Which processes (CMMI Process Areas) does the company need to be proficient in at minimum?
3. Which processes (CMMI Process Areas) does the outsourcing partner need to be proficient in at minimum?
4. Which processes / tools need to be shared, i.e. defined commonly?
5. If you were the company, which processes would you start to improve first?