1023-11-1558   **Spencer Hamblen*** (`spencer@mast.queensu.ca`), Department of Mathematics and Statistics, Queen's University, Jeffery Hall, University Ave., Kingston, Ontario K7L 3E4, Canada, and **Ravi Ramakrishna**. *The reducible case of Serre's Conjecture.*

We will examine the deformation theory of mod p reducible Galois representations. We are able to prescribe local conditions on our deformations by allowing ramification at a set of primes congruent to 1 mod p but not 1 mod p^2 with certain splitting conditions. Under certain hypotheses, we find irreducible characteristic zero lifts of reducible mod p representations, which by Skinner-Wiles allows us to prove the modularity of such representations. (Received September 26, 2006)