

Bruce Goodwin
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STATEMENT OF WORK

A consultant with significant experience in performance assessment of waste disposal systems is needed to assist the TSPAI KTI in the validation of the TPA Version 5.0 code. Code verification will involve modeling non-YM repository system(s) using the TPA code or modeling the YM repository system using well-known codes such as SYVAC and comparing with that of the TPA code. Code verification may involve modeling either the whole repository system or a component of the system. The consultant should be available until the end of FY 2004 and on an as needed basis during FY 2003. The consultant should be willing to spend a significant portion of his/her consulting hours at the CNWRA. The consultant will be responsible for obtaining access to the SYVAC code (or similar codes in the event that the SYVAC code cannot be accessed) that will be used in the TPA validation activity.

NOTE: Specific tasks will be created in a manner that the consultant will not have access to sensitive information (such as specific details of the design of the engineered barrier system) if he/she is not a US citizen.