



US DEPARTMENT OF DEFENSE

BLAST INJURY RESEARCH PROGRAM COORDINATING OFFICE

Protective Equipment Pelvic Protection System (PPS)

The US Army's PM SPIE Program Office is sponsoring and conducting development of a PPS. The PPS is designed to provide protection against ground-based IED blast events. The PPS is a two-tier system, consisting of the Protective Under-Garment (PUG) and the Protective Outer-Garment (POG). The PUG is worn next to the skin, and provides protection of the pelvis, femoral arteries, and lower abdominal organs from blast or fragmentation events. The POG is worn over the Army Combat Uniform trousers and provides fragmentation protection for the pelvis and lower abdominal organs. The POG provides the same level of overall fragmentation protection as the Improved Outer Tactical Vest (IOTV). Ongoing PPS assessment and development by PM SPIE includes incorporation of Service Member feedback, and improving user acceptability and rate of wear. These efforts have informed requirements for the next generation SPS.