

Appendix E

MIPS Annex

Acquisition Program Baseline (APB) Agreement

for

AN/PSS-14 Mine Detecting Set

Acquisition Program Baseline (APB) Agreement

AN/PSS-14

With the objective of enhancing program stability and controlling cost growth, we, the undersigned, approve this AN/PSS-14 baseline agreement. Our intent is that the program be managed within the programmatic, scheduling and financial constraints identified herein. We agree to support the required funding in the Planning, Programming and Budgeting System (PPBS).

This baseline is a summary and does not provide detailed program requirements or content. It does, however, contain the important performance, schedule, and cost parameters that are the basis for satisfying an identified mission need. As long as the program is being managed within the framework established by this baseline, in-phase reviews will not be held.

Date: _____

James C. Sutton
Project Manager for
Close Combat Systems

Date: 25 OCT 03



John H. Holler
COL, EN
TRADOC Systems Manager
Engineer Combat Systems

Date: _____

PAUL S. IZZO
Brigadier General, AR
Program Executive Officer Ammunition

Section A: Performance

REQUIREMENT: Operational Requirements Document (ORD) for the Handheld Standoff Mine Detection System (AN/PSS-14, Mine Detecting Set) dated 23 Oct 2000

Parameter	Milestone C Exit Criteria	Milestone C Objective
Probability of Detection (P_d) for all mines	$> P_d$ for AN/PSS-12*	$\geq .98$
Probability of Detection (P_d) for all low-metallic mines	$\geq .77$	$\geq .98$
Probability of Detection (P_d) for all metallic mines	N/A	$\approx P_d$ for AN/PSS-12*

*AN/PSS-12 is US Army's current fielded handheld metallic mine detector system

Section B: Schedule

<u>Parameter</u>	<u>Objective/Threshold</u>
Conditional Material Release	4QFY04/1QFY05
Full Material Release	4QFY06/1QFY07

Section C Cost**

Parameter	Current (Oct 03)	Threshold	Objective
Total RDT&E (\$M) (FY96-03)	60.64	65.77	58.83
Total Procurement (\$M) (FY04-16) (AN/PSS-14 & CM < \$5M Budget lines)	130.86	27.93	157.04
Average Unit Production Cost (\$K) AN/PSS-14 (LRP)	20.5	20.9	9.80
AN/PSS-14 Quantity (FY03-16)	4296	900	6930

** Excludes AROC Funding & Quantities