

TECHNOLOGY READINESS EVALUATION TRE-2 BIOLOGICAL TRIGGERS & COLLECTORS



DANIEL M.NOWAK

TECHNOLOGY EVALUATION TEAM

RESEARCH AND TECHNOLOGY DIRECTORATE

PHONE: (410) 436-5631

EMAIL: DANIEL.NOWAK@US.ARMY.MIL

TRE-2

- Proposals due by 30 April 03
- Fed Biz Opps Solicitation, USA-SNOTE-030225-001 dated 25 FEB 03
- U.S. Army Sponsoring a TRE for Biological Triggers & Collector
 - Automatic -- Non-Networked
 - Networked -- Unattended Operation
 - Light Weight
- Location: Dugway
- Dates: Tentative SEPT 03/OCT 03
- Test Duration – Approximately 4 weeks
 - One Week Breeze Tunnel
 - 3 Weeks Field Test

TRE-02

- TRE tests consists of:
 - Breeze Tunnel Bio Simulants
 - BG -- ERWINIA -- KILLED ANTHRAX
 - MS2 -- OVALBUMIN



Field Test Simulants

BG
MS2
ERWINIA
OVALBUMIN

Field Interferences

JP8
DUST
BURNING MATERIELS
FOG OIL
HC SMOKE GRENADE
DIESEL EXHAUST ETC.

- Combinations of Simulates & Interferences will be tested
- Approximately 55 disseminations will be attempted

TRE-02

- Systems will be assigned a Technology Readiness Level
- Test results provided to candidates
- TRL provided to Joint Service R&D Community

SUMMARY

- Proposals due by 30 April 03
- Send to: U.S. Army Soldier & Biological Command
5183 Blackhawk Road
ATTN: AMSSB-RRT-DE (Daniel Nowak)
Aberdeen Proving Ground, MD 21010

INFORMATION TO BE PROVIDED FOR TRE-02 BY 30 APRIL 03

- CAPABILITIES
- TECHNOLOGY EMPLOYED
- PHYSICAL CHARACTERISTICS
- SYNOPSIS OF DEVELOPMENT
- PHOTOGRAPH OF DEVICE
- SAFETY PRECAUTIONS
- NUMBER OF DEVICES TO BE EVALUATED