CBRN Standards Development

- Testing will be performed in two locations
  
  NPPTL - 42 CFR, Service Life and Particulate Testing
  
  SBCCOM - Live Agent Testing and LRPL

- Environmental Conditioning will be performed at both locations

- Testing at NPPTL 73 days

- Total cost estimated at $93,000
CBRN Standards Development

Penetration and Permeation Testing
Chemical Analysis Team, Edgewood, MD

6 Escape Respirators (3-GB; 3-HD)

Environmental Conditioning / Testing
Time - 50 Days (continuous)
Cost - $3300

Live Agent Testing
3 - GB Testing 3 - HD Testing
Time - 6 Days
Cost - $27800

Total Cost and Time
Time - 56 days
Cost - $31100

CDC
Workplace Safety and Health

NIOSH
CBRN Standards Development

Laboratory Respirator Protection Level

Protection Factor Group, Edgewood, MD

25 – 78 Escape Respirators
(Tariff is size dependant)

Laboratory Respirator Protection Level

Total Cost and Time
Time – 5 Days
Cost – $15000
CBRN Standards Development

(Service Life; Particulate; Bench Testing)
NPPTL, Pittsburgh, PA
90 Escape Respirators - Service life 20 Escape Respirators - Particulate
9 Escape Respirators - Bench Testing

Environmental conditioning / testing
Time - 59 days (continuous)
Cost - $29,000

Particulate
20 Escape Respirators
Time - 2 days
Cost - $1,750

Service Life Testing (General)
10 gases
60 Escape Respirators - 64 liters / min
30 Escape Respirators - 100 liters / min
Time - 11 days
Cost - $6,600

Particulate
9 Escape Respirators - after cyclohexane testing
Time - 1 day
Cost - $750

Bench Testing
Fogging
Field of View
Resistance Testing
Breathing Gas
Donning
Time - 5 days
Cost - $9,000

Bench Testing
Flammability & Heat Resistance (CO Protection Only)
Time - 2 days
Cost - $14,000

42 CFR Testing
Total Cost and Time
Time - 71 Days
Cost - $47,100