

**Joint Non-Lethal Weapons Program
Fiscal Year 2015 Non-Lethal Weapon Technologies
ONRBAA14-008**

Amendment 0002

The purpose of amendment 0002 to ONRBAA14-008 is to answer questions received in response to the BAA as follows:

Q#1: How do you currently test, or intend to test, malodorant effectiveness? In particular, can we use an absorption metric of SH or NH₂ bonds against some standard?

A#1: We currently test malodorant effectiveness by performing Institutional Review Board-approved human subject testing. First we verify and validate that the malodorant is classified as a non-lethal malodorant. If the malodorant's concentration level activates the human trigeminal nerves then this malodorant could be classified as a riot control agent and not a non-lethal malodorant. If the malodorant is effective at a concentration level less than the activation of these nerves then we often test them in a control room and determine when and at what concentration that the malodorant would force the participants from the room.

Q#2: How do you currently test, or intend to test, smoke visibility?

A#2: We would look to measure broadband (visible to Infrared) transmittance using a broadband source and corresponding spectrometer/photometer and/or a laser nephelometer.

Q#3: Do we need to budget the cost of government facilities for testing or will that be provided at no cost to the contract?

A#3: The contractor shall budget the cost for whatever government testing facilities that the contractor needs to complete the development of their non-lethal weapon prototype. Independent testing by the government of this prototype at additional government facilities may or may not be required. If it is deemed required by the government, then this cost will be borne by the government and not by this contract.

Q#4: We were concerned that the term "flash-bang" is a registered trademark of the Combined Systems Technology (CTS) company that manufactures "flash bangs." Can you offer any guidance on the use of the term?

A#4: The use of the term. "flash-bang" is to identify one of our requirements. To the extent that you have questions of a legal nature concerning the term, we suggest you consult with your attorney.
