



March 6, 2018

Neos Diamant, LLC is a small, disabled-veteran owned business that was established in 2016. Our company is a non-traditional government contractor as defined on page 18 of the attached document.

Our company's chief technology officer and owner has extensive experience with DHS and DOD performing work as technical and scientific subject matter experts. Our proposed participation includes the following:

- Subject matter expert in X-Ray imaging, nuclear physics, particle interactions with matter in all vectors including land, maritime, and rail;
- Prototype for the detection of specific chemicals in bulk parcel shipments which includes automatic identification which includes an image locating the anomaly;
- Prototype and evaluate algorithm development for airport passenger bags;
- Subject matter expert in interpreting, validating, vetting, and investigating proposed solutions by vendors to ensure alignment with mission and purpose;
- Prototype/evaluate algorithms that utilized TSA images of passenger baggage to screen for outbound smuggling of currency/contraband leaving the U.S. These algorithms should not affect TSA operations;
- Subject matter experts in the Radiation Detection Equipment (RDE), detector physics, particle interactions with matter in all vectors including land, maritime, and rail;
- Prototype/evaluate pedestrian technology to identify concealed items of interest;
- Design studies, reports and scientific analysis documenting the needs of the desired operational environment;
- Chemical and Nuclear Engineering subject matter expert to include understanding of Chemical, Biological, Radiological and Nuclear (CBRN) threats;
- Advanced materials research, including nano-scale, for imaging or radiation detection including prototype evaluation;
- Prototype/processes improve efficiency of cargo scanning process and increase detection opiods at mail/ECCF centers; AND
- Coordinate with project awardees and necessary components to identify and document requirements for technology installation and adaption within agencies ConOp.

Sincerely,

Paul Mason, PhD

Digitally Signed March 6, 2018

Owner, CTO