1. What exactly is considered the AOI? Is the entire solicitation (i.e., Rapid Non-Invasive Concrete Structures Spalling Assessments) considered one single AOI or should we consider each of the subsections in Paragraph 1.4 to be individual AOIs?

CE response: There is one (1) AoI and the offerors strive to include technologies which meet the criteria in paragraph 1.4 and ALL subparagraphs. Per 1.4.1. and 1.4.2., the technology must be able to scan 6"-12" into reinforced concrete to discover defects such as spalling, cracks, voids, etc. on roof slabs, support beams, and other concrete members both on the exterior and interior of structures with or without removing ceiling tiles. Offerors should strive to meet all the "potentials" in 1.4, since those solutions which have the capabilities listed in 1.4.1 – 1.4.9 will be rated higher. See excerpt below from AoI:

> 1.4. The desired respondents are those offerors who have developed or are developing products that meet the following requirements:
>
> 1.4.1. Have potential for scanning approximately 6-12 inches thick steel reinforced concrete on both horizontal and vertical surfaces
>
> 1.4.2. Have potential for scanning/detecting defects such as spalling, cracks, voids, etc. on roof slabs, support beams, and other concrete members both on the exterior and interior of structures with or without removing ceiling tiles
>
> 1.4.3. Have potential for the following scanning methods (not all-inclusive):
>
> 1.4.3.1. Autonomous/non-autonomous unmanned aerial systems
>
> 1.4.3.2. Stationary scanning solutions
>
> 1.4.3.3. Handheld scanning solutions
>
> 1.4.4. Have potential for providing digital 3-D modeling of facilities that incorporates the results of the scans (digital twin)
>
> 1.4.5. Have potential for providing a digital environment in which the Government may access completed assessments
>
> 1.4.6. Have potential for utilization of Artificial Intelligence/Machine Learning to determine remaining lifespan
>
> 1.4.7. Have potential to determine structural performance of area containing section loss
>
> 1.4.8. Have potential to generate a probalaistic model for degradation
>
> 1.4.9. Have potential for Non-Destructive Testing using electromagnetic methods.

UAV Operation

2. The AoI specifically mentions the use of unmanned aerial vehicles (UAVs). What licensing or other restrictions on UAV operation should respondents anticipate?

CE response: Offerors who choose to use drone technology will have to obtain approval for flying the drones at Kadena Air Base. According to the 18th Security Forces Squadron, the attached Request Form of sUAS Flight Operation (July 2021) must be submitted for drone use approval. The 18th Civil Engineer Group will assist the successful offeror by providing the 18th Security Forces Squadron contact information.

Building Access

3. Is access available to the full interior and exterior of the initial 191 buildings listed at the Japan Industry Forum in the Booz Allen Hamilton presentation (with the exception of ceiling tiles covering parts of the concrete soffit) as referenced in the AoI, Section 1.4.2?

CE response: The Air Force will approve access to facilities for the contractor to complete work. Contractors must submit letters requesting base access, including names and personal identifying information of workers who require access. The successful offeror will also provide a proposed schedule and access to each individual building will be coordinated with the facility and security managers.

Security and Clearances

4. Section 1.7 of the CSO speaks to required personnel security clearances, facility clearances, and other infrastructure requirements necessary to perform 'any proposed classified work'. What are the security requirements/clearances for the data collected on this project? In particular, can we assume that building data is only controlled unclassified information (CUI) and is not classified? This would be helpful since we do not hold classified security clearances or a Facility Clearance.

CE response: Most facility data at Kadena is Controlled Unclassified Information (CUI), including floor plans, structural as-built drawings, etc. Classified information is not expected to be necessary for this work.

5. Section 1.10.8.2 of the CSO discusses a requirement for DD Form 2345. We do not have DD Form 2345 and we do not anticipate foreign participation. If there is no foreign participation, is DD Form 2345 still required?

CE response: 18 CONS is more able to answer this question since paragraph 1.10.8.2 was part of the boiler plate language in the solicitation, and not provided by CE. See excerpt from CSO solicitation below:

1.10.8. **Foreign Participation:** Participation at the prime level is prohibited. Subcontracting arrangements will be handled in accordance with the International Traffic and Arms Regulation. In addition, foreign national participation will be limited to public domain information only.

1.10.8.1. Foreign disclosure reviews shall be performed before the release of information to the public on all acquisition requiring disclosure of classified or export-controlled unclassified, including sensitive unclassified information. For additional guidance on how to conduct these reviews, see Air Force Material Command Procedures, Guidance, and Instruction 5327.9001.

1.10.8.2. This acquisition involves data that are subject to export control laws and regulations. Only contracts who are registered and certified with the Defense Logistics Services Center (DLSC) and have a legitimate business purpose may participate in this solicitation. Contact the DLSC, 74 Washington Avenue N., Battle Creek, Michigan 40917-3084 (1-800-352-3572) for further information on the certification process. You must submit a copy of your approved DD Form 2345, Militarily Critical Technical Data Agreement with your proposal.

1.10.8.3. The form, instructions, and FAQs may be found at the United States/Canada Joint Certification Program website, http://www.dla.mil/HQ/InformationOperations/Offers/Products/LogisticsApplications/JCP/DD2345Instructions.aspx. Approval of the DD Form 2345 will be verified if proposal is chosen for award.