

## FAQ for ROSES-2015 A.47 [Sustainable Land Imaging-Technology](#)

Last updated January 15, 2016

1. Q: In Section 1.1 there is a timeline discussion referring to mission architecture decisions in the 2019-2020 timeframe. Can this be interpreted as deciding on mission solutions such as cubesats vs smallsats?

A: NASA and USGS will be conducting future SLI mission architecture studies. No decisions have been made to date.

2. Q: Is Landsat 10 expected to be a single spacecraft procurement or to represent a series of spacecraft like other operational programs (JPSS, GOES, GPS, etc) that strives to improve system resiliency and temporal performance?

A: No decisions have been made. The decision will be based on the mission architecture study results.

3. Q: In Section 3.2 under the Project Descriptions item 1, we see, "Discuss any deviations or exceptions to the SLI-T reference mission architecture and mission performance." This suggests that trades are allowable that compromise the RMA and performance requirement that provide significant cost savings. For the purpose of this study does NASA intend to identify threshold and goal requirements?

A: Yes, deviations or exceptions to the SLI-T reference mission architecture and mission performance are allowed. NASA does not intend to identify any additional threshold and goal requirements.

4. Q: We assume ATD and TI sub-elements are separate proposals and multiple proposals can be submitted.

A: Yes, ATD and TI sub-elements are separate proposals. Multiple proposals can be submitted.

5. Q: In section 4.2, it states "The TRL must advance at least one level over the duration of the project." This appears inconsistent with the requested TRL in section 1.4.1 and 1.4.2

A: Section 1.4.1 and section 1.4.2 are the entry TRL requirements for the ATD and TI subelements. Section 4.2 identifies the proposal evaluation criteria.

6. Q: Would an airborne (sub-orbital) measurement concept be considered under this program, or must the solution be spaced-based?

A: Please refer to section 1.3 Reference Mission Architecture (RMA).

7. Q: Are proposers submitting to "Advanced Technology Demonstrations (ATD)" supposed to cover the full wavelength range from 433nm to 12500nm or could we restrict our proposal to a given spectral range like from 433nm to 2300nm?

A: Yes. Deviations or exceptions to the SLI-T reference mission architecture and mission performance are allowed. Restricting to a given spectral range is acceptable.

8. Q: Can a team propose to both the ATD and TI sub-elements in a single proposal or should they be separate proposals?

A: ATD and TI sub-elements are separate proposals.

9. Q: The understanding is that the standard proposal format shall be in accordance with Table 1 of ROSES and Section 2.2 of the Guidebook for Proposers with the change as described in section 3.2 for the Scientific/Technical/Management section. However, does the 20 page limit apply to the entire proposal or does it apply only to the Scientific/Technical/Management section only?

A: The 20 page limit applies to section 3.2, the Scientific/Technical/Management section scientific/Technical/Management section.

Questions about this FAQ or ROSES-2015 A.47 [Sustainable Land Imaging-Technology](#) in general may be directed to Robert Connerton at [Robert.m.connerton@nasa.gov](mailto:Robert.m.connerton@nasa.gov).