**Airfield Autonomy Initiative Response Template**

1. Company Name, Address, POC, email, phone, company website
2. Provide an overview of your solution (NTE 300 words). Be sure to include which primary objective function(s) that your capability aligns with.
   1. Lawn mowing
   2. Foreign object debris (FOD) detection and removal
   3. Perimeter patrol (from people or wildlife)
   4. Common command and control (C2) of autonomous capabilities
3. What is the current Technology Readiness Level (TRL) and Manufacturing Readiness Level (MRL) of this solution?
4. Provide an overview of how and where this solution is being applied to airfields, commercial industry and/or for government? Include benefits. (NTE 300 words)
5. Outline applicable environmental, health and safety requirements necessary to apply your solution on an active operational airfield. (NTE 200 words)
6. Provide an overview of ancillary or support equipment/services necessary to operate your solution; e.g., wireless/cellular services, power requirements, compressed air, PPE, vacuuming, air filtration, lifting devices, etc. (NTE 300 words)
7. Describe the portability of your solution, including its weight and physical dimensions. (NTE 200 words)
8. Describe manpower required to operate your solution including the number of operators, maintainers and requisite skill level and training requirements. (NTE 200 words)
9. Discuss the set-up process and time as well as anything you can relay regarding the time necessary to execute the intended autonomous process. (NTE 100 words)
10. Describe the maintenance and sustainment requirements necessary to keep the system operational. (NTE 200 words)
11. Provide a ROM sales price for the solution you intend to demonstrate on the test airfield and any economies of scale you can project. Include cost categories and amounts that go into the ROM sales price.
    1. If a lease, seat license, or other business arrangement is more appropriate, please describe here with the projected cost per unit time.
12. Does the solution have security requirements/considerations? (NTE 100 words)
13. Describe the concept of operations for testing the solution, including details of how an extended test/demonstration on an active airfield could help your company mature your solution. (NTE 300 words)
14. Useful airfield autonomy systems will control multiple types of devices (from lawn mowing to aircraft tugs). Describe how your company is technically and organizationally postured to partner with others to provide a turnkey system-of-systems solution for airfield automation? (NTE 200 words)
15. Describe any other airfield automation solutions that your company offers, not listed above. (NTE 200 words)
16. Include a 2-minute video or slideshow of your proposed capability if possible. This is not a requirement for consideration. The video should be uploaded to YouTube or similar application and URL provided with your proposal.