



STATE OF TENNESSEE  
DEPARTMENT OF TENNESSEE WILDLIFE RESOURCE AGENCY

**INVITATION TO BID # 32801-12650 AMENDMENT #1  
FOR TWRA DRONE HERBICIDE APPLICATION**

DATE: April 4, 2023

ITB # 32801-12650 IS AMENDED AS FOLLOWS:

**1. State responses to questions and comments below amend and clarify this ITB.**

Any restatement of ITB text in the Question/Comments shall NOT be construed as a change in the actual wording of the ITB document.

PAGE #	QUESTION / COMMENT	STATE RESPONSE
	<p>1. 7.36.3 There is no requirement for Aircraft Operations Liability Insurance or Unmanned Aircraft Insurance which are both typically excluded from General Liability coverage. Is there any requirement for Aircraft or Unmanned Aircraft Liability Coverage or specific endorsements to the GL policy?</p>	<p>There is no requirement for Aircraft Operations Liability Insurance or Unmanned Aircraft Insurance.</p>
	<p>2. Regarding 3.22 and upon information and belief "Aerial Herbicide Application" is not subject to the Tennessee Contractor Licensing as described in 62-6-101. We have contacted the TN Department of Commerce and Insurance for guidance. They directed us back to the State of Tennessee Wildlife Resources Agency for clarification as to what trade of contractor license would be required to perform this work. I.e: electrical, mechanical, plumbing, etc.</p>	<p>See Section F of specifications for certifications and license requirements.</p> <p>No general contractors' licenses required.</p>
	<p>3. We are unaware of any category that includes Herbicide Spray Drones on the Blue List. We believe all Spray Drones are specifically excluded by lack of a category to include them in. Is the Department aware of a Blue List approved Spray Drone?</p>	<p>This contract requires all drones to be NDAA and/or Blue List certified.</p> <p>The current Blue List can be found on the following military website. Several of the drones can carry payload. <a href="https://www.diu.mil/blue-suas-2">https://www.diu.mil/blue-suas-2</a> and <a href="https://www.diu.mil/latest/blue-uas-2-0-cleared-list-access-to-broader-variety-of-capable-unmanned">https://www.diu.mil/latest/blue-uas-2-0-cleared-list-access-to-broader-variety-of-capable-unmanned</a></p>
	<p>4. NDAA Certification has several forms. Will a "self-certification certificate" on a Federal Acquisition Regulation Representation: 52.204-24 suffice as evidence of Drone compliance? Likewise, will this form provide evidence that the drone is not manufactured with</p>	<p>Contractor shall be in compliance with any State and Federal regulation pertaining to drone usage and herbicide application. Contractor may be asked to provide valid certifications and/or licenses</p>

	components from a foreign adversary.	upon award.
	5. Section F of the specifications states that FAA 107 certification is required. There is no stated requirement for FAA 137 certification by the contractor. This would normally be required, along with specific exemptions from Part 137 among other parts, for use of a pesticide application drone. Is this work exempt from FAA 137 and associated requirements?	See changes in Section F of Specifications.
	6. Certain Herbicide mixes proposed can have a strong reaction when mixed at high concentrations. Specifically, Glyphosate and Triclopyr 3 at high concentration can gel and become unusable. Is it the Departments intent to find pesticide mixes compatible for such tank mixes with each other to facilitate one single application of pesticide verses separate applications of the individual products.	Our intention is to have only one application verses separate applications so we definitely will be amendable to finding compatible tank mixes. There may be times where we want to apply a selective herbicide in certain situations verses a non-selective herbicide like glyphosate.
	7. Is there an expected start date and completion date for this work? We are assessing how it may coincide with other scheduled work.	The start date will be the start date of the contract with a completion date by December 31, 2023. Work to be completed when conditions are favorable for application per herbicide label.
	8. We understand the Blue List, and the DoD drone specifications, but for these types of commercial drone operations it is not always practical. Listed in Section A, on your Specifications for Drone Applications, the Blue List does not include the DJI Models: Agras T-10, Agras T-20, and the Agras MG 1-P. We request these models be approved as acceptable, or exempt from exclusion before we submit a bid.	All drones for this contract are required to be NDAA and/or Blue List certified.
	9. In Terms and Conditions section 3.22, the TN Contractor's License requirement is appropriately stated as a requirement, but in your Specifications for Drone Applications it is not. Can you clarify if a TN Contractors license will be required for this contract? Does the bidder have to have this license current at the time of bid submission?	See the answer in #2 and #5 above.
	10. Specifications indicate that the TWRA will supply all herbicide materials to contractor. Is there an opportunity for us to bid on the herbicide materials in a separate solicitation event?	TWRA will use Statewide Contract (SWC) 214 – Herbicide, for herbicide purchase. SWC 214 expires 3/7/2024. You can reach out to the Contract Administrator of SWC 214 for additional re-procurement information. The SWC 214 Contract Administrator Information is as follows: Adam Mamula Category Specialist Central Procurement Office (615) 741-4194 Adam.mamula@tn.gov

	<p>11. We can provide 2019 889Compliance statements as well as statements about the systems built in the United States and that electronic components are not manufactured in a foreign country of concern.</p> <p>We can also provide statements that none of the components on the Fed watch list are from the suppliers listed.</p> <p>My question is that acceptable in this bid?</p>	<p>All drones for this contract are required to be NDAA and/or Blue List certified.</p>
	<p>12. Are there aerial photos for the locations to be treated?</p>	<p>TWRA does not have aerial photos.  <a href="https://tnmap.tn.gov/assessment">https://tnmap.tn.gov/assessment</a></p>

2. The current Specification document is being removed, and the new Specification document is being added, with changes highlighted.
  
3. **ITB Amendment Effective Date.** The revisions set forth herein shall be effective upon release. All other terms and conditions of this ITB not expressly amended herein shall remain in full force and effect.