

1. **Title of Proposed Study:** High Power Laser Weapon Systems
2. **Brief Description of Proposed Study:** Development of both airborne and ground vehicle borne high power lasers for army's future missions such as Counter-UAS, Air defence and clarification of possible legal issues at international level related to laser use in the operational area is needed.
3. **Background:** Development of high power laser source and target detection and tracking have been studied by researchers for the last few years.
4. **Objectives of the Study:**
 - Determination of pre-feasibility/feasibility of developing both airborne and ground vehicle borne high power lasers for army's future missions such as Counter-UAS, Air defence
 - Clarification of possible legal issues at international level related to laser use in the operational area
5. **Please indicate whether you would like to be presented with alternative solution options, taking into consideration that exploring various options may reduce the depth of the study scope:** Yes
6. **NATO Priority:** -
7. **Intended Follow on to the Study:** Pre-feasibility/Feasibility of developing threat detection technologies and integration of laser technology with other counter-US technologies can be examined.
8. **Other NATO Bodies Involved in the Related Area of Work:** -
9. **Current Industrial Involvement with the Sponsor Group:** -
10. **Proposed Start Date:** 2021
11. **Desired Completion Date:** 2022
12. **Study Classification:** NATO Restricted
13. **Study Open to Partner Industries:** NATO member country industries only.
14. **Final report releasable to:** NATO members only.
15. **Sponsoring Group Point and IS Point of Contact:**

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