



21-016 – Anti-Jam GPS Antennas

Title	Anti-Jam GPS Antennas
Description	<p>General Dynamics Mission Systems is seeking suppliers who produce anti-jam (AJ) antenna products with these operational capabilities:</p> <ul style="list-style-type: none"> • AJ protection of GPS frequency range and/or related bands • Ability to do radio frequency (RF) nulling, beam forming, other AJ techniques, as well as if any advanced threat mitigation functionality is included <p><u>Interested parties should email a response including:</u></p> <ul style="list-style-type: none"> • Synopsis of anti-jam antenna capabilities, including: <ul style="list-style-type: none"> ○ options/configurations, such as number of antenna elements (2, 4, 8, or X number of elements) ○ physical constraints (size, power, etc.) and interfaces required ○ a summary of the AJ techniques, including antenna design approach and basic description of algorithms implemented ○ a summary of any advanced RF protection techniques, such as emerging and complex emerging threat detection ○ typical use-case, such as ground, air, static, moving, etc. ○ operational conditions and any environmental qualifications ○ product availability (Can it be ordered now? Provide lead time if under development.) ○ price ranges ○ technical specifications ○ mounting options ○ any current programs or platforms within the Department of Defense that currently use your solution • DUNS Number and/or CAGE Code • Contact for a Non-Disclosure Agreement • Confirmation your company is qualified to work with the U.S. Federal Government • Answers to the below questions: <ol style="list-style-type: none"> 1. Is your company located <u>outside</u> of the United States? 2. Does your company intend to utilize non-U.S. facilities to perform any activity required by this TechScout? 3. Does your company expect to utilize foreign nationals in any capacity in support of this TechScout? <p><i>If you answered "YES" to questions, then:</i></p> <ol style="list-style-type: none"> 4. Are you registered with the Directorate of Defense Trade Controls at the U.S. Department of State as a manufacturer or exporter of defense articles and services? 5. Do you have an Export Control Program and resources that address U.S. export control regulations (i.e. EAR and ITAR) that may affect your business? <p><u>Selected</u> companies will receive a request for NDA and meeting.</p>
Keyword(s)	Anti-jam antenna, radio frequency, RF, GPS
Response Instructions	<p>Responses will be accepted thru 10/29/2021</p> <p>General Dynamics Mission Systems Innovation Sourcing Network (ISN)™ is seeking respondents to the following</p>

<p>& Date</p>	<p>TechScout request. This TechScout request does not contain U.S. export controlled technical data or proprietary information and is approved by General Dynamics Mission Systems for public release and is in the public domain.</p> <p>Send email response to techscout@gd-ms.com</p> <p>TechScout responses should not contain any export controlled technical data or proprietary information.</p> <p><u>Response should include the following information:</u></p> <ul style="list-style-type: none"> • Complete synopsis of antenna capabilities, including all pieces of data requested above • DUNS Number and/or CAGE Code • Contact for a Non-Disclosure Agreement • Confirmation your company is qualified to work with the US Federal Government • Answers to the above questions <p><i>In your response, please identify whether you or your company are located outside the U.S. If located outside the U.S., please identify any home country export controls that will apply to your response. If located in the U.S., please identify whether your company employs non-U.S. manufacturing or design facilities, or foreign nationals in your response.</i></p> <p>Any subsequent interaction between General Dynamics Mission Systems and a non-U.S. based TechScout respondent, or a U.S. based TechScout Respondent with non-U.S. manufacturing, design or foreign national employees must be reviewed and approved in advance for U.S. Export Compliance requirements by the General Dynamics Mission Systems International Trade & ATF Compliance prior to any such interaction.</p> <p>General Dynamics Mission Systems will not be responsible for, nor will it pay for any expense which may be incurred by the supplier in preparation of its TechScout response. Supplier acknowledges and agrees that this TechScout request does not commit General Dynamics Mission Systems to any course of action, including but not limited to, any purchase of supplier's products or services or any future involvement with supplier. The issuance of this request does not bind General Dynamics Mission Systems to accept or review any response, in whole or in part. Subsequent pursuit or action on the part of General Dynamics Mission Systems or the TechScout respondent may require the respondent to comply with aspects of the U.S. International Traffic in Arms Regulations (ITAR) or the U.S. Export Administration Regulations (EAR) including a need to register, or apply for or execute licenses or other authorizations.</p> <p>Firms or individuals from countries subject to U.S. sanctions are not eligible to participate in this TechScout request. (U.S. Sanctions information may be found at: https://home.treasury.gov/policy-issues/financial-sanctions/sanctions-programs-and-country-information). These sanctions apply comprehensively to Iran, Syria, Sudan, Cuba, and North Korea. In addition, Firms or individuals that appear on the U.S. Government's Consolidated Screening List (available at http://export.gov/ecr/eg_main_023148.asp) are not eligible to participate in this TechScout request.</p>
<p>Questions</p>	<p>Email the Innovation Sourcing Network with any questions or required clarification at techscout@gd-ms.com.</p>