



22-012 Thermoforming Machined Plastics

Title	Thermoforming Machined Plastics
Description	<p>General Dynamics Mission Systems is seeking to partner with a supplier who is capable of thermoforming ABS plastic, like Royalite R85/21, to:</p> <ul style="list-style-type: none"> • Lengths of 3'-8' • Cylindrical shapes • Diameters of 21" <p>The ideal supplier would have:</p> <ul style="list-style-type: none"> • Expertise in tool design, including the ability to evaluate existing tooling for potential re-use • Ability to accommodate a variety of shapes (~20 different designs) and low volume production (1-20 pcs/yr) • Post-machining capability (5-axis and CNC), including the ability to hold tight tolerances on thermoformed and post-machined parts • Compliance to the 110 NIST SP 800-171 cybersecurity requirements with a score of at least 90 out of 110 (<i>per DFARS 252.204-7012</i>) and has their DoD Assessment score posted in the DoD Supplier Performance Risk System (<i>per DFARS 252.204-7020</i>) <p><u>Suppliers who meet these requirements should email a response including:</u></p> <ul style="list-style-type: none"> • Company overview and detailed synopsis of capabilities • DUNS Number, CAGE Code and/or UEI (<i>Unique Entity Identifier from SAM.gov</i>) • Answers to the below questions- <ol style="list-style-type: none"> 1. Do you have experience thermoforming ABS plastic? 2. Can you thermoform to lengths of 3'-8'? 3. Can you thermoform cylindrical shapes? 4. Can you thermoform diameters of 21"? 5. What is your current DoD Assessment score (<i>out of the 110 NIST SP 800-171 requirements</i>)? 6. Is your DoD Assessment score posted on the DoD Supplier Performance Risk System (<i>SPRS</i>)? 7. Is your company located <u>outside</u> of the United States? 8. Does your company intend to utilize non-U.S. facilities to perform any activity required by this TechScout? 9. Does your company expect to utilize foreign nationals in any capacity in support of this TechScout? 10. 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? 11. 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>Qualified</u> suppliers will be sent an NDA (Non-Disclosure Agreement) and RFQ (Request For Quote).</p>
Keyword(s)	Machined plastic, Royalite R85/21, Thermoform, ABS plastic, Machining
Response Instructions & Date	<p>Send responses by August 31st</p> <p>General Dynamics Mission Systems Innovation Sourcing Network (ISN)™ is seeking respondents to the following 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"> • Company overview and detailed synopsis of capabilities

	<ul style="list-style-type: none"> • Point of contact for an NDA • DUNS Number, CAGE Code and/or UEI (Unique Entity Identifier from SAM.gov) • Answers to the above 11 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 Office of Import/Export 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://www.treasury.gov/resource_center/sanctions/Programs/Pages/Programs.aspx). 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>
Questions	<p>Email the Innovation Sourcing Network with any questions or required clarification at techscout@gd-ms.com.</p>