

FABRICATION OF COMMERCIAL SERVICES AND SUPPLIES FOR GODDARD SPACE FLIGHT CENTER II

STATEMENT OF WORK

BRIEF DESCRIPTION OF EFFORT/NEED: The Advanced Manufacturing Branch (AMB) is responsible for maintaining a complete manufacturing facility to meet the Center's research and development requirements and assist in the fabrication of hardware requirements from multiple NASA project missions. This facility includes conventional machining equipment, numerically controlled (NC) machining centers, sheet metal and welding fabrication equipment and remotely located staff shops.

Blanket Purchase Agreement vendors shall provide fabrication services and supplies to the Manufacturing Engineering Group in their respective areas of expertise for the development of instruments and space flight and non-spaceflight hardware interchangeable piece parts. Respondents must be able to manufacture per engineering drawings with Aerospace industry tolerances and provide fabrication capabilities in **one or more of the disciplines listed in the Fabrication of Commercial Services and Supplies, Vendor Questionnaire/Vendor Rotation Categories**. To fabricate close tolerance aerospace instruments and space flight grade parts, in various materials such as (but not limited to) aluminum, titanium, high strength steel and nickel alloy, engineering plastics, and composites based on engineering drawings, provided in electronic format, to industry standard tolerances and specifications. Parts may range in complexity from very simple to very complex, with quantities ranging from 1 to approximately 100. Each discipline is further divided into subcategories based on the expected size of fabricated parts.

The fabrications of products or services proposed as “spaceflight” are required to be, ISO 9001 or AS9100 complaint, items proposed as “non-flight” will not require respondents to be ISO 9001 or AS9100 compliant. Offers shall indicate if they are ISO 9001 or AS9100 complaint and provide supporting documentation.