



## MECHANICAL DESIGN

### Potential Vendors

**Scope Description:** The Jet Propulsion Laboratory (JPL) is reviewing options to find small businesses with mechanical design capabilities. JPL seeks small business concerns, not staff augmentation firms, with extensive experience in mechanical design to meet the below scope requirements and minimum/mandatory qualifications.

**Minimum/Mandatory Quals:** Aerospace industry experience providing services described below.

**Lead Time:** One (1) to six (6) months

In the chart below, type an “X” for each of the areas applicable to your capabilities and experience.

	Scope Tasks	Yes	No
1.	Provide CAD modeling and data management utilizing UGNX version 1899 and Teamcenter Unified Architecture version 12 for parts and assemblies with required metadata.		
2.	Create an assembled CAD model of an assembly level configuration consistent with defined interfaces, volume, and geometry		
3.	Provide subsystem inputs to system level configuration and ensure model integrity, model updates, and verify model consistency with no interferences or unacceptable close clearances in the system configuration		
4.	Generate parts, assembly, installation drawings in accordance with ASME Y14.1		
5.	NASA Past Performance within the past five (5) years		
6.	DoD Past Performance within the past five (5) years		

Please include “Engineering: Mechanical Design” in the subject line of your email to [smallbusiness.programsoffice@jpl.nasa.gov](mailto:smallbusiness.programsoffice@jpl.nasa.gov). Capabilities statements are also welcomed. The Small Business Programs Office will contact you to ask questions or request further information.

**DISCLAIMER:** There is no commitment or guarantee on the part of JPL to move forward with a Request for Information (RFI) or Request for Proposal (RFP) at this time.