

Statement of Work

Item	Description	Applicable Contract Function
1	PDL Activities	Implementation Phase Services – Mechanical Systems Disciplines
	<p>Performance Requirements</p> <p>The contractor shall provide support to the XARM by serving as the PDL (Product Development Lead) for the ADR (Adiabatic Demagnetization Refrigeration) system. This task shall cover fabrication, assembly and test activities in support of the successful delivery of the flight ADR and the non-flight ADR spare components. Support provided by the PDL will be in the form of monitoring schedule and budget, the fabrication of ADR (Adiabatic Demagnetization Refrigeration) components through to completion, as well as task assignments for the subsystem team. The PDL will be trained on the job in ADR systems (i.e., design, fabrication, assembly and performance testing) and will provide leadership to the ADR subsystem on day to day activities.</p>	<p>Delivery Schedule:</p> <p>12 Month(s)</p>
	<p>Create the following subtasks to track support: Subtask 1-ADR PDL support Subtask 2- Integration and Test Support</p>	12 Month(s)
Item	Description	Applicable Contract Function
2	Integration and Test Activities	Implementation Phase Services – Mechanical Systems Disciplines
	<p>Performance Requirements</p> <p>The contractor shall provide support to XRISM by serving as a member of the Integration and Test team. This task shall commence following the successful delivery of the flight ADR and the non-flight ADR spare components to the project. Support provided by the cognizant engineer will be in the form of monitoring test activities and providing guidance to the CSI (Cryogenic Spectrometer Insert) team regarding the proper test and functionality of the ADR system, as well as task assignments for the Integration and test team activities.</p>	<p>Delivery Schedule:</p> <p>12 Month(s)</p>
	<p>Create the following subtasks to track support: Subtask 1-ADR PDL support Subtask 2- Integration and Test Support</p>	12 Month(s)