**Mechanical Properties Characterization Facility Test Proposal Description**

Name: Email:

Test Proposal ID:

Material Description (eg. name, chemical formula, single/poly crystalline, composite):

Specimen Type (eg. flat plate, cylindrical, fracture) – include dimensions and/or drawing:

Grip Type and Size (eg. collet, wedge, clevis):

Test Type (eg. monotonic axial compression/tension, uniaxial fatigue, bending, torsion):

Number of tests:

Control Type (eg. load, displacement, strain, stress, stress intensity):

Load Conditions/ Test Matrix (include test control type, control rate, waveform, temps, estimated runtime):

Expected Maximum/ Minimum forces expected:

Temperature range (eg. RT, max/min temps):

Special Environment (eg. cryogenic chamber):

Desired Output (eg. stress, strain, load, displacement, time, temperature):

Measurement Devices (eg. axial extensometer, thermocouples, optical pyrometer):