

Estimate

Item Code	Description	Quantity	\$ Each	Amount
Staff				
Compensation				
Center Director	Director	1	\$72.84/hour	
Labor- Research	R3 Research Associate	1	\$33.76/hour	
Associate			'	
Labor- Carpenter	Carpenter/General Labor	1	\$30.00/hour	
Labor- Mechanical Engineer	\$30/hour	1	\$30.00/hour	
Student Worker	\$20/hour	1	\$20.00/hour	
Bending and				
Ductility				
Weld Bend	CSA W47.1 fusion welding of steel, CSA W47.2 fusion welding of aluminum, ASME IX QW-160 welding general requirements – tension tests, ASME IX QB-160 welding general requirements – tension tests	onstr Cent	\$60.00/each*	
Filet-Weld Bend	CSA W47.1 fusion welding of steel, CSA W47.2 fusion welding of aluminum, ASME IX QW-180 welding general requirements – fillet weld tests	EA	\$64.00/each*	
Facility Operating				
Expenses (Daily)				
Facility Operating Expenses	Daily Rate	1	\$112.71/day	
Equipment Costs				
Equipment Costs (10- year depreciation)	Daily Rate	1	\$232.53/day	

Above tests entail producing a data set and graphs, no analysis. Tests requiring machining, sample preparation, fixturing, or significant setup time will be charged by the hour at applicable rates plus materials costs. An estimate will be given upon receipt of samples *specimen preparation and fixturing is additional via Staff Compensation + Facility Operating Expenses