

CSA Engineering specializes in vibration suppression, precision motion and noise control. CSA provides engineering services and builds highly engineered products for application in systems ranging from space launch vehicles to aircraft, automobiles, power tools and semiconductor manufacturing equipment. Our customers include Applied Materials, Ball Aerospace, Boeing, Jet Propulsion Laboratory, KLA-Tencor, Lockheed Martin, NASA, Northrop-Grumman, and the US Air Force. The company was founded by 3 engineers in 1982, and has just over 50 employees, 80% of whom are engineers.

CSA's engineering services include mechanical design, finite element analysis, control system design, real-time and embedded control, dynamic testing, signal processing, magnetic design, and automated test systems. Among the company's products are SoftRide vibration and shock isolation systems, hexapod and octopod positioning systems and stable platforms, tuned vibration absorbers, electromagnetic actuators, and very low frequency suspension systems that simulate zero gravity.

Our customers rely on CSA for creative solutions that draw on knowledge crossing multiple disciplines. CSA has capabilities in evolving areas at the boundaries of aerospace, mechanical and electrical engineering. These include active optics and jitter control, magnetorheological (MR) fluid devices, suspension systems, electromagnetic, hydraulic, pneumatic and piezoelectric actuation, microcontroller, DSP and FPGA control of physical systems, and power electronics.

CSA was the single SBA National Small Business Contractor of the Year for 2002. All small businesses of any type that do business with the US Government were eligible for this award. The company is located in Mountain View, CA, with another facility in Albuquerque, NM. Further information can be found at www.csaengineering.com.

The following rates reflect our primary engineering disciplines, electrical and mechanical engineering.

Rates per Hour

Labor / Usage Category	Calendar Year	
	Base Period 2007	2008
Corporate Offices - Labor		
Principle Engineer A	\$262.60	\$273.10
Principle Engineer B	\$237.44	\$246.93
Associate Principle Engineer A	\$204.42	\$212.60
Associate Principle Engineer C	\$164.62	\$171.21
Senior Engineer A	\$151.27	\$157.32
Senior Engineer B	\$140.12	\$145.73
Senior Engineer C	\$130.92	\$136.16
Project Engineer A	\$118.58	\$123.33
Project Engineer B	\$108.25	\$112.58
Engineer A	\$100.27	\$104.28
Engineer B	\$88.05	\$91.58
Technician	\$53.78	\$55.93
Remote Facilities - Labor		
Associate Principle Engineer B	\$178.09	\$185.21
Senior Engineer B	\$136.46	\$141.92
Project Engineer C	\$101.85	\$105.92
Engineer C	\$77.09	\$80.17