

### Cost Modeling Staffing List

#### Contract Management Task

Labor category	Skill level	Staff (WYE)	****Hours

#### IDIQ

Labor category	Skill level	Staff (WYE)	****Hours
Project Manager	SRSE	1.0	1,860
Aerothermodynamicist	RSE	3.0	5,580
Aerothermodynamicist	SRSE	10.0	18,600
Materials scientist/engineer	SSE	1.0	1,860
Materials scientist/engineer	JRSE	2.0	3,720
Materials scientist/engineer	RSE	3.0	5,580
Materials scientist/engineer	SRSE	2.0	3,720
Chemicals laboratory engineer	RSE	1.0	1,860
Thermal/mechanical engineer	RSE	1.0	1,860
Thermal/mechanical engineer	SRSE	1.0	1,860
Ceramics engineer	SRSE	1.0	1,860
Materials processing lab technician	ST	1.0	1,860
Materials development lab technician	ST	1.0	1,860
Test engineer	RSE	1.0	1,860
Mechanical/electrical engineer	RSE	1.0	1,860
Systems engineer	JRSE	1.0	1,860
Systems engineer	RSE	1.0	1,860
Technical marketing specialist	SAS	1.0	1,860
Adminstration specialist	OA	1.0	1,860
Documentation/administration specialist	SAS	1.5	2,790
IT support	SA	3.0	5,580
<b>Total:</b>		<b>38.5</b>	<b>71,610</b>

**Skill Level Definitions**

Each position for the prescribed work is categorized into one of several skill levels. Duties and/o

Category	Skill Level	Title
<b>Engineering and Research</b>	<b>SRSE</b>	<b>Senior Research Scientist/Engineer/Principal Investigator</b>
	<b>RSE</b>	<b>Research Scientist/Engineer</b>
	<b>JRSE</b>	<b>Junior Research Scientist/Engineer</b>
	<b>SSE</b>	<b>Student Scientist/Engineer</b>
	<b>ST</b>	<b>Senior Technician</b>
	<b>T</b>	<b>Technician</b>
<b>Administration Support</b>	<b>OA</b>	<b>Office Assistant</b>
	<b>SAS</b>	<b>Senior Administrative Specialist</b>
	<b>SA</b>	<b>Systems Administrator</b>

r experience requirements for each of these skill levels are given as follows:

Description
A research scientist or engineer with a distinguished research reputation in their field. A PhD degree from an accredited institution of higher learning in the appropriate scientific or engineering field plus at least three years of experience past the PhD (or MS degree plus at least six years of experience past the MS) are requirements for this skill level. An individual at this skill level should have demonstrated their problem solving ability in the appropriate area of expertise with numerous technical publications and formal technical presentations, and should have some experience in mentoring and leading others in small team environments.
A scientist or engineer with a moderate research reputation in their field. A PhD degree from an accredited institution of higher learning in the appropriate scientific or engineering field (or MS degree plus at least three years of experience past the MS) is a requirement for this skill level. An individual at this skill level should have demonstrated their problem solving ability in the appropriate area of expertise with several technical publications and several formal technical presentations.
A scientist or engineer beginning their research career. An MS or BS degree from an accredited institution of higher learning in the appropriate scientific or engineering field is a requirement for this skill level. No experience is required.
A student enrolled in an accredited institution of higher learning and actively working toward a BS degree in an appropriate scientific or engineering field. No experience is required.
An individual with basic knowledge of scientific and/or engineering principles. This includes basic knowledge of electronics, mechanics, and computer programming. A two-year AA degree plus at least three years of experience past the AA degree is a requirement for this skill level. An individual at this skill level should have significant demonstrated ability in the design of electronic circuits, in troubleshooting problems associated with instrumentation systems, and in analyzing and interpreting data from various sensor systems.
An individual with basic knowledge of scientific and/or engineering principles. This includes basic knowledge of electronics, mechanics, and computer programming. A two-year AA degree is a requirement for this skill level. An individual at this skill level should have demonstrated ability in the design of electronic circuits, in troubleshooting problems associated with instrumentation systems, and in analyzing and interpreting data from various sensor systems.
An individual with experience initiating and executing clerical and secretarial functions with the capacity to support safety, property, and IT security documentation requirements
An individual with experience initiating, coordinating, and executing clerical and secretarial functions; maintaining records; preparing technical documents and presentation materials; and coordinating outreach and marketing efforts. Three years of experience or its equivalent with the specified activities is required for this position.
An individual with experience in installing and maintaining a network of office personal computers. Knowledge of networked Macintosh, PC, Linux and Unix systems is essential for this position.