

**Estimated Staffing Matrix (Pricing Model Staffing Plan)**  
**(Use this estimate for each year)**

NOTES:

The data presented below is for informational and bidding purposes only.  
This information is not a reflection of the Government's intent for the future nor an endorsement of past practice.  
The distribution of positions is the Government's current best estimate to perform the anticipated requirements.

<b>Labor category</b>	<b>Skill level</b>	<b>****Hours</b>
Systems analyst	SRSE	1,850
Senior test engineer	SRSE	3,700
Aerothermodynamicist	SRSE	18,500
Aerothermodynamicist	RSE	5,550
Materials scientist/engineer	RSE/SRSE	7,400
Materials laboratory engineer	RSE	3,700
Thermal/mechanical engineer	SRSE	1,850
Ceramics engineer	SRSE	1,850
Ceramics lab technician	JRSE	5,550
Polymer chemist	RSE	3,700
Test engineer	RSE	3,700
Mechanical/electrical engineer	RSE	3,700
Mechanical engineer	JRSE	6,475
Junior Research Scientist/Engineer	JRSE	16,650
Management/contract administrator	RSE/SRSE	5,550
Technical documentation specialist	T	2,775
Technical marketing specialist	SAS	1,850
Documentation/administration specialist	SAS	3,700
Administration specialist	OA	3,700
IT support	SA	11,100
<b>Subtotal:</b>		112,850
***Program Mgmt Personnel:		
<b>Total:</b>		112,850

\*\*\* Program Management Personnel includes non-task specific direct charge personnel such as:Managers, Accountants, Administrative Specialists, Human Resources, Safety Specialists, and Secretaries

\*\*\*\* Labor hours do not include holiday, vacation, or sick leave hours

## Space Technology Research and Development

### Skill Level Definitions

Each position for the prescribed work is categorized into one of several skill levels. Duties and/or experience requirements for each of these skill levels are given as follows:

#### Research and research support positions

##### **Senior Research Scientist/Engineer/Principal Investigator (SRSE):**

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.

##### **Research Scientist/Engineer (RSE):**

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.

##### **Junior Research Scientist/Engineer (JRSE):**

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.

##### **Senior Technician (ST):**

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.

##### **Technician (T):**

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.

#### Administration support positions

##### **Senior Administrative Specialist (SAS):**

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.

##### **Office Assistant (OA):**

An individual with experience initiating and executing clerical and secretarial functions

##### **Systems Administrator (SA):**

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.

##### **Student Scientist/Engineer (SSE):**

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.