

Mandatory Requirement Pricing Schedule			
Target Group	Description	Price (\$K)	Note
	Total	\$ -	
4.0	SST High-Level Technical Requirements	\$ -	
4.1	SST Hardware High-Level Requirements	\$ -	
4.1.1.1	Sustained Stewardship TeraFLOP SMP Scalable Cluster (MR)		
4.1.1.2	SST Component Scaling (MR)		
4.1.1.3	SST Applications Memory (MO)		
4.1.2.1	SMP Platform (MR)		
4.1.2.2	CPU Characteristics (MR)		
4.1.3.1	Shared Main Memory (MR)		
4.1.4.1	RED/BLACK Code Development Environments (MO)		
4.1.4.2	RED/BLACK I/O Resources (MR)		
4.1.4.3	RED/BLACK Migration (MR)		
4.1.5.11	Replacement Parts and Maintenance (MR)		
4.2	SST Software High-Level Requirements	\$ -	
4.2.1.1	SMP Base Operating System and License (MR)		
4.2.1.3	Networking Protocols (MR)		
4.2.1.5	Group Routing (MR)		
4.2.2.1	OSF DCE (MR)		
4.2.2.1.1	Distributed File System Server (MR)		
4.2.2.1.2	Cluster Wide Service Security (MR)		
4.2.2.1.3	Transarc Encina (MR)		
4.2.3.4	Cluster Wide Job Management (MR)		
4.2.3.5	Cluster Wide Job Scheduling (MR)		
4.2.4.1	Single Point for Cluster System Administration (MR)		
4.2.5.1	Baseline Languages (MR)		
4.2.6.1	Debugger for Cluster Wide Applications (MR)		
4.2.6.4	Profiling Tools for Cluster Applications (MR)		
4.2.6.5	Event Tracing Tools for Cluster Applications (MR)		
4.2.6.6	Performance Statistics Tools for Cluster Applications (MR)		
4.2.6.8	Cluster Wide Application Development Tool GUI (MR)		
4.2.7.1	Linker and Library Building Utility (MR)		
4.2.7.2	Make Utility (MR)		
4.2.8.1	Optimized Message-Passing Interface (MPI) Library.(MR)		
4.2.8.6	Graphical User Interface API (MR)		
4.2.9.2	Audit Capability (MR)		
4.2.10	Compliance with DOE Security Mandates (MR)		
4.2.12	SST Applications Development Support (MR)		
5.0	ID High-Level Technical Requirements	\$ -	
5.1	Initial Delivery Hardware Requirements	\$ -	
5.1.1.1	ID SMP Scalable Cluster (MR)		
5.1.1.2	ID SMP Cluster Performance (MR)		
5.1.3.1	RED/BLACK Partitions (MR)		
5.1.3.1.1	RED/BLACK Resource Split (MO)		
5.1.3.1.2	RED/BLACK Partition Switching (MO)		
5.1.4.1	Replacement Parts and Maintenance (MR)		
5.2	Initial Delivery Software Requirements	\$ -	
5.2.1.1	SMP Base Operating System and License (MR)		
5.2.1.2	Networking Protocols (MR)		
5.2.1.4	Group Routing (MR)		
5.2.2	Distributed Computing Environment (MR)		
5.2.2.1	Distributed File System Server (MR)		
5.2.2.2	Transarc Encina (MR)		
5.2.5.1	Baseline Languages (MR)		
5.2.6.1	Debugger for Parallel Applications (MR)		
5.2.7.1	Linker and Library Building Utility (MR)		
5.2.7.2	Make Utility (MR)		

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Target Group	Description	Price (\$K)	Note
5.2.8.1	Optimized Message-Passing Interface (MPI) Library (MR)		
5.2.8.4	Graphical User Interface API (MR)		
5.2.10	Compliance with DOE Security Mandates (MR)		
5.2.12	ID Applications Development Support (MR)		
6.0	Implementing a Sustained Stewardship TeraFLOP	\$ -	
6.1	Detailed Project Plan	\$ -	
6.1.1	Detailed Project Management Plan (MR)		
6.1.2	Detailed Hardware Project Plan (MR)		
6.1.3	Detailed Software Project Plan (MR)		
6.2	Project Milestones	\$ -	
6.2.1	Project Plan (MR)		
6.2.2	Initial Delivery (ID) System (MR)		
6.2.3	Second Initial Delivery (ID) System (MO)		
6.2.4	ID Applications Development Support (MR)		
6.2.5	FY97 Plan and Review (MR)		
6.2.7	FY98 Plan and Review (MR)		
6.2.8	SST Applications Development Support (MR)		
6.2.11	Scalable Development Environment Demonstration (MR)		
6.2.12	Sustained Stewardship TeraFLOP (SST) Demonstration (MR)		
6.2.13	SST Installation (MR)		
6.2.14	FY99 Plan and Review (MR)		
6.2.15	Memory Installation (MO)		
6.3	Performance Reviews (MR)		