

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL						A. ITEM NO. DR-39	
B. LINE ITEM TITLE: Sustaining Engineering Plan							
C. OPR.	D. TYPE	E. INSPECT/ ACCEPT	F. REQ.	G. INITIAL SUB.	H. AS OF DATE		
UB-C3	2	2	RT	See Section J			
J. REMARKS: First submittal 30 days after contract start.							
K. DISTRIBUTION Per Contracting Officer's letter.						TOTALS	
						QUANTITY	TYPE
DATA REQUIREMENT DESCRIPTION							
1. TITLE Plan, Sustaining Engineering				2. NUMBER DR-39			
3. USE To establish the project and modification cost estimation and approval process and prioritization of work.							
4. DATE			5. ORGANIZATION UB-C3				
7. INTERRELATIONSHIP				6. REFERENCES SOW 5.5.1			
8. PREPARATION INFORMATION							
8.1 SCOPE: The scope includes all sustaining engineering activities related to performance of CAPPs contract requirements.							
8.2 APPLICABLE DOCUMENTS: N/A							
8.3 CONTENTS:							
1. Modification and Development: The requirements documentation development and implementation process used to modify or develop hardware and/or software for facilities, systems, and support equipment (including contractor-sustained equipment and support functions for NASA sustaining activities).							
2. ESR Processing: Processing of Engineering Support Requests (ESR) for contractor and NASA chaired review boards for cost estimation or implementation approval of required modification and new development. The contractor shall document the process for tracking the work in process for both contractor and NASA sustained equipment. The contractor shall document the rapid response process to develop limited use test equipment (cables, racks, and associated hardware). The contractor shall address the process for ESRs that are forwarded and received to/from other KSC contractors if the ESR affects a payload customer or the contractor's assigned facility or equipment item.							
3. Technical assessment process for approved ESRs: The technical assessment shall review the requirement (including the requesters need date) and arrive at a method of satisfying the requirement, which is in the best interest of the Government. The assessment process shall address:							
<ul style="list-style-type: none"> · Determination of the impact on operations (facilities, systems, equipment, schedules, manpower, and other customers and contractors), · Determination of safety and mission assurance requirements (including risk) · Determination of the most efficient method of satisfying the requirement, · Establishment of the estimated cost and schedule for satisfying the requirement, and · Determination of the required funding, approvals, and documentation required. 							
4. Cost Estimates: Process to breakdown and provide to NASA a tasks, skills, and material list to allow for an independent NASA cost estimate when any facility or support equipment modification or new development with contractor project management is estimated to exceed \$50,000.							
5. Preliminary scope and cost estimates: The plan shall address an abbreviated process to provide preliminary scope and cost estimates as requested by NASA for potential ESR's without implementing the full ESR assessment process.							
8.4 FORMAT: N/A							
8.5 MAINTENANCE: N/A							

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