

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL					A. ITEM NO. DR-35	
B. LINE ITEM TITLE: Energy Conservation Plan / Report						
C. OPR. UB-C3	D. TYPE 3	E. INSPECT/ ACCEPT 6	F. REQ. See Section J	G. INITIAL SUB. See Section J	H. AS OF DATE	
J. REMARKS: Plan submittal frequency: Parts 1 and 2: Updates annually, starting in December 1, 2002. Part 3: Yearly during the month of July. Report submittal frequency: Parts 1, 2, and 3: Monthly Part 4: As requested Part 5: Annually Contractor to share data and metrics with other KSC organizations and contractors at KSC Energy Management Working Group.						
K. DISTRIBUTION Per Contracting Officer's letter.					TOTALS	
					QUANTITY	TYPE
DATA REQUIREMENT DESCRIPTION						
1. TITLE Energy Conservation Plan / Report					2. NUMBER DR-35	
3. USE Document and plan energy management efforts to meet Government requirements. Identify and document energy use and cost data.						
4. DATE			5. ORGANIZATION UB-C3			
7. INTERRELATIONSHIP Program Operating Plan					6. REFERENCES SOW 5.1.17, 5.1.18	
8. PREPARATION INFORMATION						
8.1 SCOPE: The scope includes all facilities and systems for which the CAPPS contractor is assigned responsibility.						
8.2 APPLICABLE DOCUMENTS: N/A						
8.3 CONTENTS:						
A. Plan:						
Part 1. Contractor's approach for energy management and conservation. The plan shall address the contractor's approach to its contribution for meeting the energy conservation goals mandated for government facilities by EO 13123. As a minimum, the plan shall specifically contain:						
A. The contractor's contribution for the NASA energy goals in Section 1.2 of NPG 8570.1.						
B. Ranked list of projects/initiatives, with cost and energy savings estimates that enable your program to reach the goals.						
C. Emergency conservation efforts to reduce energy consumption when the source is in short supply.						
D. Cost reduction efforts to shift loads to cheaper off-peak times or cheaper fuels.						
Part 2. Forecasts: Energy consumption to support the budget for the current fiscal year and five succeeding fiscal years.						
Part 3. Office of Management and Budget (OMB) Energy Budget Exhibit: Current fiscal year and two succeeding fiscal years of planned energy projects, facility energy audits, and utility rebates expected input to the NASA Environmental Tracking System (NETS).						
B. Report:						
Part 1: Facility electricity, chilled water, fuel oil, natural gas, and other fuel consumption per gross square foot. Energy cost for CAPPS assigned facilities as coordinated with KSC's energy working group.						
Part 2: Monthly readings of electricity meters, natural gas use and estimates of chilled water consumption. Transmitted to NASA and the Joint Base Operations Service Contractor.						
Part 3: Variance Analysis: Comparison between the planned and actual monthly electric, chilled water, fuel and natural gas consumption and cost. Report shall show one fiscal year of data.						
Part 4: Energy initiative report: Status of projects to include project descriptions, point of contact, and planned and actual energy cost avoidance. (BTUs and dollars)						
Part 5: Annual energy report and compliance summary: List and describe accomplishments from the preceeding year in the NASA Environmental Tracking System (NETS).						
Note: In order to meet the Government-wide energy metric mandated by Executive Order 13123, the prorated energy savings assigned to CAPPS is a total of 13.4% by the year 2010. Of this total reduction, 7.6% must be achieved by 2005 and an additional 6.3% from 2005 to 2010. Prorated yearly, this equates to an energy reduction of 1.9% per year from contract award to 9/30/2005 and an additional 1.3% per year from 10/1/2005 to 9/30/2010.						
8.4 FORMAT: Contractor's format is acceptable as coordinated with the KSC Energy Working Group to provide centerwide uniformity. Format of cost data to be compatible with POP submittal. NETS plan and report as required by the system. The contractor will be provided access to the NASA system.						
8.5 MAINTENANCE: N/A						