

under the current R & D contract, the kilowatt hour total for the month as measured by the meter(s) shall be pro-rated for daily usage based on the steady-state ratings of the equipment between the equipment covered under this contract and the equipment that is not covered by this contract, unless decided otherwise by mutual agreement between the Government and the Contractor.

If the Contractor chooses to locate subsystems in the Government-provided facility at the David Skaggs Research Center in Boulder, CO (denoted as BLDR-1 and BLDR-2 in Section C.11.3), the Contractor shall pay for all electrical usage over the allotted amount identified in Table C.11.11. Payment will be made via monthly contract deduction.

## H.20 PROPOSAL FOR THE OPTION CONTRACT PERIOD

The system life for the HPCS is projected to encompass seven years (FY2007-FY2013). The contract will be divided into a base period (FY2007-2009), followed by an option period (FY2010-2013). The decision to exercise the option period in FY2010 will be made by evaluating a proposal, submitted to the Government by the incumbent contractor no later than March 31, 2009. The HPCS proposed for the option period (FY2010-2013) must offer a guaranteed increase in computational performance over the system delivered as the final substantial upgrade during the contract base period. Exercise of the contract option period will be based on performance during the base contract period and a proposal submitted for contract option period effort. The contract option period proposal shall include, at a minimum, the information and documentation described in the following paragraphs.

### A. TECHNICAL PROPOSAL

The technical proposal follows a format similar to Solicitation DG133W-05-RP-1038 and must include the following sections:

#### **TAB 1 PROCUREMENT OBJECTIVES**

Demonstrate an understanding of NOAA's required period of performance for this contract as described in section C.1. Demonstrate an understanding of NOAA's need for additional processing power to meet increasing mission requirements as described in section C.1.

Demonstrate your understanding of NOAA's need to acquire balanced, comprehensive computing capabilities in order to advance NOAA's research and development activities as described in section C.1. Demonstrate your understanding of NOAA's new approach for managing its HPC resources based on its functional requirements as described in C.1.

Explain how your proposed solution meets NOAA's current programmatic requirements, as represented by the funding profile presented in Table I in section C.4.3, and how your proposed solution can adapt to possible changes in these requirements.