**Owner’s Project Requirements- SUSTAINABILITY and ENERGY EFFICIENCY**

**Guidance: The following language is intended to be inserted into any new building OPR to assist project teams in ensuring project ZNE/sustainability goals remain consistent from the earliest planning stage. Insert project specifics where there is red, bolded font. Reference complementary EUI Target spreadsheet to determine appropriate EUI maximum for building type and size. Please delete guidance before finalizing OPR document.**

As part of an overall commitment to sustainability and a goal of achieving “carbon neutrality” **[the county]** builds its facilities to last and promotes environmental quality and resource conservation through sustainable design and construction.

 Sustainability and energy efficiency goals for this project include:

* Operate the facility at a minimum of **18 kBtu/sf**
* Design to LEED Gold, or equivalent, standards
* Include segregated collection and recycling of construction waste
* Incorporate strategies, measures, and systems to conserve energy, such as heat/enthalpy wheels, energy recovery units, “setback” modes, etc.
* Utilize Building Automation System and other controls to efficiently maintain and track performance of key building systems, particularly HVAC and lighting.
* Optimize air conditioning systems for maximum building efficiency
* Use low-VOC, regionally-available, and high recycled content materials.
* Adopt “daylight harvesting” to minimize electric lighting usage where functionally practical.
* Incorporate renewable energy strategies, systems, and products.
* Incorporate LED lighting in interior and exterior lighting design
* Develop a comprehensive Measurement & Verification Plan that allows for capturing, calculating and reporting relevant energy use data and performance verification of energy conservation measures.
* Display an interactive public “dashboard” capable of showing predicted and actual energy usage, costs and other performance metrics.
* Establish project team (owner, architect, engineers, energy manager, contractor, operations team, etc.) involvement throughout entirety of the project: initiation, design, construction, and conclusion.
* Report project EUI at each iterative energy model submission including an evaluation of ECM’s and associated energy savings

The Basis of Design (BOD) will establish specific plans and strategies for achieving these goals, and the construction documents will include sustainable construction practices and techniques.