

SUSTAINABLE ENERGY REQUIREMENTS FOR ADVANCE PLANNING

1. The following advance planning deliverables shall be included to comply with sustainable, energy-efficient public building energy and water reduction requirements mandated per GS 143 – 135.35 through .40 (Article 8C).

Program. Provide a program that defines the Owner's space utilization and needs requirements. Provide space allocations of the program needs, showing relationship of gross and net square footage outlined in the program including space provided for building systems. Provide a summary of 'required' and 'optional' building areas and features with cost opinions provided for each. Recommend specific features and areas for inclusion in the project scope, within the project funds available.

Project Narrative: Provide building and site analysis and recommendations by the design team. Include the following deliverables:

- a. Daylighting Feasibility Report
- b. Evaluation of the building geometry for daylighting
- c. Zoning and Site Utilities availability and adequacy
- d. Identify building systems and features to be reviewed for the Life Cycle Cost Analysis and explain the rationale of choices identified
- e. Identify and review potential energy conservation strategies
- f. Identify code requirements and required enhancements related to existing buildings

Budget Narrative. Provide a budget and scope reconciliation narrative that reconciles the Owner's OC-25 budget constraints with energy efficient strategies and requirements.

2. Based on this reviewed and approved submission, the Owner, in consultation with the design team, will reconcile project scope and funding.
3. During this phase the Owner will select a Commissioning Authority that will review the advance planning deliverables.
4. A **Letter Agreement** between the selected Commissioning Authority and the Owner shall be executed at the completion of this phase.
5. The **Standard Form of Agreement Between Owner and Designer** that includes the required **Sustainable Energy Supplement to the State of North Carolina Standard Form of Agreement between Owner and Designer (Article 15-1)** shall be executed at the completion of this phase.