

SECTION 01 81 13 - SUSTAINABLE DESIGN REQUIREMENTS

PART 1 - GENERAL

1.1 SYSTEM REQUIREMENTS

- A. Design Requirements:
 - 1. Comply with State of Colorado High Performance Certification Program (HPCP).
 - a. LEED Certification Level: At a minimum, achieve the level required by the HPCP at the commencement of the project.
 - b. Design building enclosure, building interiors and building systems, and select materials consistent with and as required for achievement of the project LEED certification goal, including both prerequisites and credits.
 - 2. LEED Checklist: Prepare a checklist identifying credits to be achieved and demonstrating that the design, when complete, will obtain the required LEED certification level.
 - 3. Pursue Measurement + Verification credit for all buildings.
- B. Performance Requirements:
 - 1. Energy Reduction: Design building to achieve the reduction of energy by cost method based on ASHRAE 90.1 required by the HPCP.

1.2 QUALITY ASSURANCE

- A. LEED Coordinator: Require Contractor to engage an experienced LEED-Accredited Professional to manage the LEED compliance program during construction.
- B. LEED Action Plan: Require Contractor to prepare and submit plan identifying strategies for obtaining the following credits, as applicable:
 - 1. Credit MR 2: Waste management plan.
 - 2. Credit MR 3: Salvaged and refurbished materials.
 - 3. Credit MR 4: Materials with recycled content.
 - 4. Credit MR 5: Regional materials.
 - 5. Credit MR 7: Certified wood products.
 - 6. Credit IEQ 3.1: Construction indoor-air-quality management plan.
- C. LEED Progress Reports: Require Contractor to provide, with each Application for Payment, a progress report comparing construction and purchasing with LEED action plans.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Specify products and procedures necessary to obtain the LEED credits identified in the project LEED checklist, considering the following:
 - 1. Credit MR 3: Salvaged, refurbished or reused materials.
 - 2. Credit MR 4: Recycled content of material.
 - 3. Credit MR 5: Regional materials.
 - 4. Credit MR 7: Certified Wood.
 - 5. Credit IEQ 4: Low-Emitting Materials

PART 3 - EXECUTION

3.1 CONSTRUCTION WASTE MANAGEMENT

- A. Credit MR 2: Develop a construction waste management program sufficient to achieve the level indicated in LEED checklist.

3.2 CONSTRUCTION INDOOR-AIR-QUALITY MANAGEMENT

- A. Credit IEQ 3: Require Contractor to comply with requirements during construction and before occupancy to achieve these credits. Additional construction indoor-air-quality procedures are specified in Section 01 35 46 – Indoor Air Quality Procedures.

END OF SECTION 01 81 13