1. **SCOPE OF SERVICES**
   1. Provide civil engineering services for assigned tasks related to but not limited to road design, intersection design, sidewalk design, stormwater design, park design, site design, and building and other tasks as required.
   2. Any project contracted for feasibility, other study, a schematic, or preliminary design shall not include the right to extend the Consultant’s scope of services to include full design and construction period services. However, the Consultant will not be prohibited from participating in a competitive negotiation procurement for such services.
   3. Provide a knowledgeable working relationship with the Florida Department of Environmental Protection, St. Johns River Water Management District, Florida Department of Transportation, and other Florida regulatory agencies.
   4. Pre-design Development Services to include but not be limited to:
      1. Investigations and valuations;
      2. Inspections, explorations, surveys, testing, or other services concerning the collection, analysis, evaluation, and interpretation of data leading to specialized conclusions and recommendations;
      3. Feasibility studies on proposed projects, including studies of client’s needs, analyses of conditions or methods of operation, development of alternative concepts, economic analyses, environmental studies, and site locations studies;
      4. Collecting utility data such as provider, distribution size, availability, and location;
      5. Development of preliminary design reports, including outline specifications, preliminary cost estimates, and similar related efforts;
      6. Schematic to design development for site, building projects, park projects, roadway projects, stormwater projects, sidewalk projects, and intersection projects;
      7. Develop land management plans;
      8. Any other preliminary engineering efforts including public meeting support.
   5. Detailed Design Services to Meet Applicable Permitting Requirements to include but not be limited to:
      1. Furnishing expertise, labor, and resources in preparing complete code compliant civil, landscaping/irrigation, and electrical drawings for roadway, intersection, stormwater, sidewalk, site or building projects, resolving detailed problems, selecting equipment, and developing specifications;
      2. Coordinating engineers and/or other design services groups;
      3. Preparing detailed calculations, design drawings, specifications and contract documents;
      4. Preparing or collaborating with others responsible for preparing estimates of the cost of the work;
      5. Designing of roadway, intersection, stormwater, geotechnical, sidewalk, guardrail, trail and similar improvements;
      6. Providing maintenance of traffic plans (MOT);
      7. Providing prompt assistance and advice to the Lake County Water Authority to resolve design and/or permitting requirements, discrepancies, and/or clarifications;
      8. Preparing permit applications and following through on submittal.  (Road, drainage, environmental permitting, etc.);
      9. Presenting/providing public meeting support;
      10. Providing inspection and as-build Certifications;
      11. Providing structural engineering services for buildings, traffic signals, sign poles, retaining walls, and similar services.

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