



**Campco Engineering, Inc.**  
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## CATAWBA PARK

### SCOPE OF PROFESSIONAL SERVICES

**OVERVIEW:** The City of Tega Cay plans to implement construction of the new Catawba Park in accordance with the Concept Plan dated April 17, 2015. Phase 1 of the project will include developing designs and construction documents for the Baseball/Softball Complex on the 9.4 acre tract currently owned by the City. In addition, preliminary engineering design will be completed on the 39.0 acre Duke Energy tract to coordinate design elements for the overall project. The engineering services scope is further detailed as follows:

#### PHASE I – SUMMARY OF SERVICES

##### BASEBALL/SOFTBALL COMPLEX

- ◆ *Design Elements and Construction Plans*<sup>1</sup>
  - Site Layout/Staking
  - Mass Grading/Fine Grading/Earthwork
  - Sediment and Erosion Control
  - Storm Drainage System/Stormwater Management
  - Water Distribution Service
  - Sanitary Sewer Service
  - Lighting (Coordinate Design/Build)
  - Irrigation (Coordinate Design/Build)
  - Landscaping
  - ScoreKeeper Tower/Concession/Restrooms
- ◆ *Statement of Probable Construction Cost*
  - Preliminary Design Stage
  - Final Design Stage
- ◆ *Contract Documents Development*
  - Bid Documents/General Conditions
  - Summary of Estimated Quantities
  - Technical Specifications
- ◆ *Administer Bid Process*
  - Advertise for Bids
  - Conduct Pre-Bid Conference
  - Address Bidders Questions
  - Assist with Bid Opening
  - Evaluate Bids/Bid Tabulation
  - Issue Bid Certification
  - Assist with Contract Award
  - Prepare Construction Contracts for Execution
- ◆ *Construction Administration – Scope to be Determined (not included in Budget)*

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<sup>1</sup> Geotechnical Investigation and Phase I Environmental Study has been previously completed by City of Tega Cay and will be provided for use in the design services.



## **DUKE ENERGY TRACT**

- ◆ *Preliminary Design (30% Level) and Plans*
  - Site Layout Refinement
  - Mass Grading/Earthwork Study
  - Erosion Control Phasing Study
  - Storm Drainage System Layout
  - Stormwater Management Concepts
  - Water Distribution System Layout
  - Sanitary Sewer System Layout
  - Landscaping Concepts
  - Lighting Layout
  
- ◆ *Statement of Probable Construction Cost*
  
- ◆ *Summary Report*

## **EXHIBITS ATTACHED**

- ◆ Property Ownership Map
  
- ◆ Catawba Park Concept Plan, dated April 17, 2015



**ESTIMATED PROJECT BUDGET**

**BASEBALL/SOFTBALL COMPLEX - DESIGN & CONSTRUCTION DOCUMENTS**

<u>ELEMENT</u>	<u>ESTIMATED CONSTRUCTION COST</u>	<u>DESIGN BUDGET</u>
Sitework and Infrastructure	\$2,250,000	\$225,000
ScoreKeeper Tower (Allowance)	\$750,000	\$90,000
Boundary Survey	NA	\$5,000
Supplemental Field Surveys	NA	\$5,000
Traffic Impact Analysis (TIA)	NA	\$15,000
<i>Subtotal</i>	<i>\$3,000,000</i>	<i>\$340,000</i>

**DUKE ENERGY TRACT – PRELIMINARY DESIGN & PLANS**

<u>ELEMENT</u>	<u>ESTIMATED CONSTRUCTION COST</u>	<u>DESIGN BUDGET</u>
Sitework and Infrastructure	\$4,000,000	\$120,000
Phase I Environmental Study	NA	\$5,000
<i>Subtotal</i>	<i>\$4,000,000</i>	<i>\$125,000</i>
<b>TOTAL</b>	<b>\$7,000,000</b>	<b>\$465,000</b>