

APALACHEE REGIONAL PARK BALL FIELDS STORMWATER MITIGATION TECHNICAL SPECIFICATIONS

1. SUMMARY OF WORK

The scope of work to be performed under this unit price bid will include excavation, embankment, stormwater pond, swales, sodding and associated landscaping materials to mitigate stormwater impacts created by the new ball fields and comply with the landscape requirements for the existing and proposed parking areas. The asphalt pavement parking is not included in this contract.

The proposed work is located in:

County: Leon Township: 1S Range: 2E Section: 5

2. GENERAL REQUIREMENTS

The construction sequence and design notes are shown on the construction plans. The construction procedure, materials, equipments, and the technical specifications listed herein, shall be in accordance with the following specifications and contract documents:

- 2.1 Florida Department of Transportation (FDOT) Standard Specifications for Road and Bridge Construction, 2010 Edition and all supplemental documents thereto.
- 2.2 FDOT Roadway and Traffic Design Standards, 2010 Edition.
- 2.3 Leon County Supplemental Specifications to Florida Department of Transportation Standard Specification for Road and Bridge Construction 2010. (See attachments.)

In the event of any conflict between the Florida Department of Transportation's standard specifications and the specifications of this contract, the specifications of this contract shall govern.

3. MANDATORY PREBID CONFERENCE

Contractors are required to attend the pre-bid conference and the subsequent onsite visit to be qualified for bidding. Contractors shall contact the Leon County Purchasing Office to confirm the meeting time and place details.

4. SPECIAL PROVISIONS

- 4.1 An allowance of 45 calendar days has been set for the completion of this Contract, including utility coordination and relocation.
- 4.2 Contractor shall invite all utilities, County inspectors and State inspectors involved in this project to attend the pre-construction conference and confirm the construction progress schedules.
- 4.3 A National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges from Construction Activities may apply to this Contract. It is the Contractor's responsibility to secure the NPDES permit prior to commencement of construction. A copy of the NPDES permit application form can be obtained through the Florida Department of Environmental Protection's (FDEP) web site at http://www.dep.state.fl.us/water/stormwater/npdes/permits_forms.htm.

If a NPDES permit is obtained, a copy of the permit shall be provided to Leon County Public Works Department.

- 4.4 The liquidated damages will be set based on the bid price and according to Section 8-10 of the FDOT's Standard Specifications for Road and Bridge Construction, 2010 Edition.

- 4.5 It is the Contractor's responsibility to verify the survey control points for construction stakeouts. The costs for construction stakeouts are considered incidental and included in the total bid dollar amount. The Contractor will be responsible for construction layout and as-built surveying, and the associated cost is considered to be incidental. The original design survey was provided by Baskerville-Donovan, Inc. (850-656-1212)
- 4.6 No work shall commence until all permits have been received and the "Notice to Proceed" has been issued. The Contractor shall post all applicable permits before construction.
- 4.7 Working hours shall be from 8:00 a.m. to 5:00 p.m., Monday through Friday, however, upon request of the Contractor, the County Engineer or his/her designee, may consider an alternative to these working hours based on the time of the year, site, weather, and traffic conditions. No works shall be allowed on County holidays, unless it is preapproved by the County Engineer or his/her designee.
- 4.8 The Contractor is responsible for soil compaction and concrete testing. As a minimum, three (3) tests shall be done for every 12" lift and one (1) concrete strength test shall be done for the spillway. The associated testing costs are considered to be incidental.
- 4.9 Leon County shall reserve the right to sample any or all materials to determine that materials meet specifications. Failure to meet specifications shall be cause for cancellation of delivery, rejection of materials provided for partial or full payment deduction as determined by the County representative.
- 4.10 Within 15 days after the contract has been awarded, the Contractor shall submit to the Project Owner a working schedule for the project showing in details that the working day expected to begin and complete of the various major items of the work to be performed.
- 4.11 The Contractor shall submit the traffic control plan and coordinate with the Leon County Chief of Construction Management for approval. The Contractor shall maintain access to all existing park entrances throughout project construction. This project anticipates the need for traffic control devices listed in the Manual for Uniform Traffic Control Devices and FDOT Roadway Standard Indices.
- 4.12 The Contractor shall furnish, erect, and maintain all necessary barricades, warning, danger, and detour signs suitable and adequate lights, provide flagmen where necessary to direct traffic, and take all other precautions to protect the work and the public.
- 4.13 The Contractor shall remove all equipment from the park roadways and access during non-working hours to ensure the least practicable interference with park use traffic within the construction area.
- 4.14 Any substitutions or changes to the Contract Documents shall be made according to all governmental requirements and with prior approval from the Engineer and the County Representative.
- 4.15 Obstructions and barricades shall be lighted at night and such lights shall be steady burning from sunset to sunrise. All such signage and traffic control within the limits of the project shall be done in accordance with the Engineer or his/her designee, applicable OSHA regulations and MUTCD, Part 6.
- 4.16 The Contractor shall verify the limit of construction, and take pictures and video tape the existing conditions of project area and adjacent properties for the record and future needs. Provide a copy of the pictures and videos to Project Owner. It is Contractor's responsibility to restore the construction equipment disturbed areas back to the original conditions, at no additional cost to Project Owner, especially for the gravel parking areas.
- 4.17 Any monument within the limits of construction shall be protected. If in danger of damage, the Contractor shall notify the Engineer of Record or his designee and the Project Owner.
- 4.18 The exact location of all utilities in the vicinity of construction activities shall be determined by the Contractor prior to construction. The Contractor shall contact all utility companies through Sunshine State One Call of Florida, Inc. (1-800-432-4770) two business days in advance of beginning construction.

- 4.19 Proposed drainage structures and pipes shown in the plans (Released for Construction version) shall be constructed to the layout, elevations, and grades as shown in the plans. Modifications to the proposed layout or elevations shall be approved by the Engineer.
- 4.20 No night work shall be performed unless adequate lighting is provided and approval given by the Engineer and the County. If the existing lighting is not adequate, the Contractor shall be responsible for providing artificial lighting that shall be approved by the Engineer and the County.
- 4.21 Attention is directed to the fact that these plans may have been reduced in size by reproduction. This must be considered when obtaining scale data.
- 4.22 The Contractor is required to provide one year warranty to cover the materials and craftsmanship for the constructed facilities after the issuance of final acceptance letter.

5. CONSTRUCTION PLANS

- 5.1 The Contractor shall bid on the set of drawings with “Plans Released for Construction” annotation (Attachment #5) on them.

6. ATTACHMENTS

- Attachment #1 Leon County Supplemental Specifications to Florida Department of Transportation Standard Specification for Road and Bridge Construction 2010.
- Attachment #2 Subsurface Soil Exploration and Geotechnical Engineering Evaluation for the Proposed Apalachee Regional Park Stormwater Management Facility, Tallahassee, Florida (by Ardaman & Associates, Inc., January 19, 2012)
- Attachment #3 Leon County Environmental Management Permit (LEM12-00040), including permit drawings.
- Attachment #4 Northwest Florida Water Management District County Environmental Resource Permit (No. 1434), including permit drawings.
- Attachment #5 Plans Released for Construction