

September 30, 2014
BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA
Addendum No. 1, IFB Y15-711-SB
BARNETT PARK SOCCER FIELD

Bid Opening Date: October 9, 2014 at 2:00 P.M.

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to, and shall take precedence over, the original documents. Underlining indicates additions, deletions are indicated by ~~striketrough~~.

A. The bid opening date remains October 9, 2014 at 2:00 P.M.

B. Additions, Deletions and Clarifications:

- 1. Question:** Would a renovation of baseball fields be sufficient reference for past projects in lieu of the fields as listed in Part C, number 28, References in the bid documents?

Answer: Yes

- 2. Question:** Can the experience of the subcontractor fulfill the "included installation of at least one Bermuda Grass soccer field, football field or lacrosse field using rolled Bermuda sod. The project must have also included permanent underground irrigation for the field using either reclaimed, metered potable or well water" requirement?

Answer: Yes. However the subcontractor must be listed on Attachment C-2 of Part D of the IFB, PRIME CONTRACTOR/SUBCONTRACTOR/SUPPLIER INFORMATION. In addition, at least one similar project for the subcontractor must be submitted on Attachment E of the IFB to include all required information.

- 3. Question:** How many inches of the existing top soil will need to be removed for the new soccer field?

Answer: See detail on Sheet 6 "Athletic Field detail" and specifications in Section 02820.

- 4. Question:** Sheet 6 athletic field detail shows sand to be imported by contractor but no sand type is specified. What type of sand will be required?

Answer: Refer to specification section 02220.

5. **Question:** Please specify the number of inches and soil structure i.e. particle size, organic content, and compaction of the sub soil that is to be used as top soil for the new soccer turf.

Answer: See specification detail in Section 02820 and compaction is LBR120.

6. **Question:** Where is the MUSCO proposal for the lighting package?

Answer: Refer to the bid documents. Sheets M-1 and M-2 of project drawings, and Appendix 'A' located in the project specifications. MUSCO sales representative is Bob DeCouto. Phone is 407-421-5660

7. **Question:** Please confirm all testing is by the owner including the soil testing for the sports field.

Answer: Owner will perform in place density tests, proctors, concrete cylinders, Limerock Bearing Ratios (LBR's) for asphalt areas, cores for thickness of asphalt. Testing Agency is Nodarse/Page One, Contact Jose Costa. Phone 407.740.6110. Contractor is responsible for soil testing and analysis as per specification section 02820.

8. **Question:** Will a survey be required for the sports field?

Answer: Yes, an as-built survey will be required at the end completion of the project for closeout.

9. **Question:** Will top dressing be required for the sports field?

Answer: Yes, appropriate soil for the Bermuda sod will be required per the specs as recommended by the soil survey/testing.

10. **Question:** Who is paying for the water during construction and the maintenance period?

Answer: The County.

11. **Question:** Can we use regular cut sod or must we use Tifway sod for the field?

Answer: Tifway 419 is required for the field and was specifically requested by the County. Regular cut Bahia Sod may be used in areas noted on the landscape plans.

12.Question: Please confirm laser grading the field is required.

Answer: Per the specifications, laser grading is required for all areas to receive Bermuda sod.

13.Question: How many times are we required to roll the sod?

Answer: Means and methods shall be determined by the Contractor. The Bermuda grass sod field shall be finished as required to produce a smooth and even surface conforming to the grades indicated on the project civil engineering plans. The Contractor shall ensure that the finished grade of sod does not vary more than ¼" from a 10' long straight edge.

14.Question: The plans call for filter fabric under the soccer field and around the underdrains. Can you please clarify what type of geotextile is required?

Answer: Response is based on specification from FDOT, below.

1. Filter fabric shall be Type D-3. The internal filter fabric of Type 5 underdrain shall have a permittivity of 0.7 /sec and an AOS of #40 sieve.
2. When Type 1 with corrugated polyethylene tubing with slots or 360° perforations is used in conjunction with fine aggregate, a filter fabric sock meeting Section 948 is required.
3. All Filter fabric joints shall overlap a minimum of 1'. The internal filter fabric of Type 5 underdrain shall overlap into the coarse aggregate or the fine aggregate a minimum of 1'.
4. No woven slit film fabrics allowed.
5. All values except AOS are MINIMUM AVERAGE ROLL values in the weakest principal direction. Values for AOS are MAXIMUM AVERAGE ROLL values.
6. Test soil or fill material adjacent to the geotextile for gradation to select values for permittivity and AOS.

Type D-3 Filter Fabric:

PERMITTIVITY (SEC⁻¹): % SOIL PASSING No. 200 SIEVE

<15% - 0.5

15% to 50% - 0.2

>50% - 0.1

AOS (SIEVE #)

<15% - 40

15% to 50% - 60

>50% - 70*

MIN. GRAB TENSILE STRENGTH (kN)

Elongation
< 50% - 1.10
≤ 50% - 0.70

MIN. SEWN STRENGTH (kN/m)

Elongation
< 50% - 0.99
≤ 50% - 0.63

MIN. PUNCTURE (kN)

Elongation
< 50% - 0.40
≤ 50% - 0.25

MIN. TRAPEZOIDAL TEAR (kN)

Elongation
< 50% - 0.40**
≤ 50% - 0.25

UV RESISTANCE (MIN. ALLOWED)

50% @ 500 hours

*For cohesive soils with a plasticity index 7, maximum average role value for AOS is number 50 sieve.

**Required Trapezoidal tear for woven monofilament is 250

15. Clarification: Permit is ready for pickup/payment. The contractor shall include the cost of **all** permit fees in the bid. Contractor shall contact Orange County Building Department for permit fees. Permit number is as follows:

- B14902489

C. ACKNOWLEDGEMENT OF ADDENDA

a. The Bidder/Proposer shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of the bid or proposal.

b. **Receipt acknowledged by:**

c. All other terms and conditions of the IFB remain the same.

Authorized Signature

Date Signed

Title

Name of Firm
Y15-711-SB
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