



REQUEST FOR BID
RFB 2006-009

ADDENDUM NO. 2

To: Prospective Bidders

From: Llew F. Perry *Llew Perry*
Cooperative Educational Services

Date: December 28, 2005

- Cooperative Educational Services (CES) has received questions regarding RFB 2006-009. The following are the responses to the questions asked.

Question Submitted by: Dan Gay, FacilityBuild Inc.
Received: Monday December 19, 2005

Question 1:

Questions for Category 1, outdoor bleachers;

1. Are the bleachers elevated or non-elevated
2. Are they semi closed or closed deck
3. What is the rise and run (8" rise and 24" tread example)
4. Per the proposal specification we want to be sure that the price of the bleachers can be increased if we have a material price increase (Aluminum &

Background:

RFB 2006-009, Category 1, Lot 2, 4. Design, Page 55

- a. Permanent Steel Grandstand
 - 1) Horizontal Beam Design – Vertical columns are placed 18' on center laterally and up to 20'-0" front to back. All horizontal beams shall be wide flange. All columns shall be ASTM A-500-B structural square tube with a minimum of a 3/4" base plate.
 - 2) Rise and Depth Dimensions
 - (a) Vertical rise per row – 10"
 - (b) Horizontal depth per row – 26"
 - (c) Front walkway – Minimum 54" in clear width, elevated 42" above grade with each set 17" above its respective tread.
 - 3) Decking – Standard 10" rise x 26" tread depth
 - 4) Concrete Foundation – Footing shall extend not less than 42" below grade, unless solid rock is encountered at a lesser depth, and shall provide sufficient bearing area at bottom to support all design

loads. Footings and piers shall be poured with reinforced steel as required, including four 7/8" anchor bolts per pier. Concrete shall attain working strength of 3,000 psi.

RFB 2006-009, Category 1, Section I Instruction to Offerors, E. Listing of General Terms and Conditions, Page 28.

Price Reduction and Adjustment: A price reduction can be offered at any time and will become effective upon notice. Special, time-limited reductions are permissible under the following conditions:

- 1) The price reduction is available to all members equally.
- 2) The price reduction is for a specific time period, no less than 30 days.
- 3) The original price is not exceeded after the time limit.
- 4) CES is to be notified and have the new prices on record prior to any offer of the new prices to a CES member.

Price increases (change in discount rate) will be considered at the time of a contract extension and will be a factor in renewal.

CES Response:

- Item 1. Elevated
- Item 2. Semi closed
- Item 3. Refer to Category 1, Lot 2, # 4, design, cited above.
- Item 4. Refer to Price Reduction and Adjustments above.

Questions Submitted by: Real Turf & Putting Greens, Inc.
Received: Tuesday, December 20, 2005

Question 1:

In section 12 under the Category 4 Categorical Scope of Work (page 53 of 75) the "Field Turf" installation outlines how all turf installations should take place. This would seem to be vague because depending on the type of installation one would have to install the turf differently. For example: playgrounds are installed to consider impact from falls and playground equipment, Sports Fields are installed considering impact, crowning and drainage, Baseball fields are installed to maintain ball bounce, Putting Greens are installed to maintain proper ball bounce and roll, and Landscaping turf will be installed for foot traffic, trees/shrubs, and elevation differences. Since there is more than one type of installation, can more than one installation be proposed?

Background:

RFB 2006-009, Category 4, Section I. Instruction to Offerors, E. Listing of General Terms and Conditions, Page 14.

Brand Names: The use of the name of a manufacturer, brand name or catalog number does not restrict the offer. Brand names are used to indicate the character, quality, and/or performance equivalence of the commodity on which bids are submitted. However, CES reserves the right to decide if alternatives to the identified manufacturer and brand are, in fact, equal to that described in the invitation.

RFB 2006-009, Category 4, Categorical Terms and Conditions, 10 Design, Page 52.

The type, kinds and sizes of athletic and recreational facilities found in the K-12 and higher educational institutions will vary greatly. Because of this a variety of products are requested. The following information is provided as general guidelines of the types of products being requested. Products offered must be equal to or better than those products

offered by Field Turf International Inc. 5211 Mitchell Bridge Road, Dalton, GA 30721, Phone # 800-724-2969, Fax # 514-340-9311, website www.fieldturf.com.

- 1) Fieldturf, FTOSA1-F – Outdoor Series No 1, designed for football fields.
- 2) Fieldturf, FTOS2-S – Outdoor Series No 2, designed for soccer fields.

RFB 2006-009, Category 4, Section IV Bid Forms, Form D-4, Page 66

Fieldturf, FTOSA1-F – Outdoor Series No 1, designed for football fields	160
Fieldturf, FTOS2-S – Outdoor Series No 2, designed for soccer fields.	160

Per Sq. Ft.	\$ _____
Per Sq. Ft.	\$ _____

CES Response:

Yes, more than one installation may be proposed and CES is requesting vendors to offer their complete line of products and services relating to Category 4 that meet or exceed the minimum standards as set forth within the solicitation. Yes, CES would agree that various types of educational facilities may and will require different levels and types of products. Due to the number of types of facilities found within CES member’s facilities, CES has selected, identified and has specified two types of fields that it is going utilize as part of its solicitation evaluation process (Fieldturf’s FTOSA1-F – Outdoor Series No 1, designed for football fields. and Fieldturf’s FTOS2-S – Outdoor Series No 2, designed for soccer fields).

As noted within the solicitation the use of a manufacturer’s particular product(s) is only intended to set a minimum specification and respondents may offer their product(s) that meets or exceeds the stated product’s performance and durability characteristics. Respondents within their response must provide the necessary documentation and information to demonstrate that their product(s) meets or exceeds minimum requested.

Question 2:

Category 4 Categorical Terms and Conditions Section 3(2nd) Part A, Section 4 Part f, and Section 10 (The Title), the Term “Field Turf” is used. Should “Field Turf” be interpreted as synthetic turf or not?

Background:

RFB 2006-009, Category 4, Category Terms and Conditions, 4. Quality Assurance, Page 50.

- f. All machinery and materials used must be only those approved by the field turf manufacturer.

RFB 2006-009, Category 4, Category Terms and Conditions, 5. Guarantee, Page 50.

The contractor is to provide a written guarantee against defective materials or faulty workmanship, excessive color change, excessive wear, and any other feature which is not deemed ordinary wear on the field turf system for a period of not less than three (3) years.

RFB 2006-009, Category 4, Category Terms and Conditions, Page 53.

12. Field Turf Installation

CES Response:

Generally, the term “Field Turf” refers to the generic category of artificial or synthetic turf. In the noted items above and in most cases the term ‘Field Turf’ does not refer to a manufacturer or its products, with the exceptions, as noted in response to question 1 above.

Question 3:

In section 10 part A 1 and 2, under the Category Categorical Scope of Work (page 52 of 75) the turf installation types seem to be highly restricted to only two. However, there are many different types of turf systems that can be installed based off of application and anticipated usage. For example: playgrounds are installed to consider impact from falls and playground equipment, Sports Fields are installed considering impact, crowning and drainage, Baseball fields are installed to maintain ball bounce, Putting Greens are installed to maintain proper ball bounce and roll, and Landscaping turf will be installed for foot traffic, trees/shrubs, and elevation differences. Since there is more than one type of turf system needed can differing turf systems be proposed?

Background:

Please refer to background items listed in question 1 above.

CES Response:

As noted in response to question 1 respondents are requested to provide their complete line of products and services. However, for those items chosen for the evaluation process, the products proposed must meet or exceed those given to establish the minimum requirements.

Question 4:

Throughout Category 4 Categorical Terms and Conditions Section 4 Part f, Section 7, and Section 10 Part a; there seems to be confusion between the manufacturer and installer. We control the manufacture of our turf and we are a fully turn-key company as opposed to sub-contracting for our turf installation. When there is confusion between the manufacturer and installer should I interpret the two as being the same?

Background:

RFB 2006-009, Category 4, Category Terms and Conditions, 4. Quality Assurance, Page 50.

f. All machinery and materials used must be only those approved by the field turf manufacturer.

RFB 2006-009, Category 4, Category Terms and Conditions, Page 51.

7. Prior to the beginning of installation, the manufacturer/installer of the synthetic turf shall inspect the sub-base and supply a Certificate of Sub-Base Acceptance for the purpose of obtaining manufacturer's warranty for the finished synthetic playing surface.

RFB 2006-009, Category 4, Category Terms and Conditions, 12. Field Turf Installation, Page 53.

12. Install in accordance with Manufacturer's instructions. The Turf Contractor shall strictly adhere to the installation procedures outlined under this section. Any variance from these requirements must be accepted in writing, by the Manufacturer's onsite representative, and submitted to the Architect/Owner, verifying that the changes do not in any way

affect the warranty. Infill materials shall be approved by the Manufacturer and installed in accordance with the Manufacturer's standard procedures.

RFB 2006-009, Category 4, Category Terms and Conditions, 9. Turf System Requirements, Page 51.

- a. Manufacturer – Proposed solutions must be equal to or better than those available from nationally recognized manufacturers specializing in outdoor synthetic turf products for athletic and recreational facilities.
- b. Manufacturer Qualifications – Manufacturer must have eight (8) years of experience in the manufacture of synthetic turf systems which meet and/or exceed the standards and guidelines presented herein.
- c. Engineering Qualifications – The offeror must have on staff or have available an engineer registered and licensed in the state they reside, to review and certify that the proposed site, site conditions and synthetic turf system being supplied and installed meets or exceeds the design criteria of the specification, and the site condition exceeds the minimum requirements of the system's design performance standards set by the manufacturer. It should be noted that New Mexico requires that all construction project plans have a seal from the state registered architect or engineer. If this is a requirement of the individual project, the CES member will bare any/all cost associated with obtaining this required seal.
- d. Installer Qualifications – Factory-trained and certified with a minimum of three (3) years of experienced of successfully installing synthetic turf systems.

CES Response:

Due to the fact that the individual firm responding to this category of the solicitation may or may not be the manufacturer, CES has established minimum requirements for the respondent, his supplier/product manufacturer and/or his subcontractors/installers. The respondent must provide the necessary documentation and information to demonstrate that all parties that will be performing and/or providing products and services under this solicitation meets or exceeds the minimum requirements.

As indicated within the question submitted, if the respondent is the manufacturer and intends to provide all products and services offered utilizing company owned resources, then the respondent must meet or exceed all of the requirements.

Question 5:

Category 4 Categorical Terms and Conditions Section 4 part A (page 50 of 75), Section 6, Section 15. Does the bid require that the offeror have the capability to build tracks and supply additional track equipment?

Background:

RFB 2006-009, Category 4, Category Terms and Conditions, 4. Quality Assurance, Page 50.

- a. The work shall conform to the USTC & ASBA's standards for track construction. The track surface will be applied by a licensed firm, which has been installing the material for the past five (5) years.

RFB 2006-009, Category 4, Category Terms and Conditions, Page 50.

6. Site Inspection and Investigation – The ultimate performance of any running track depends to an important degree on subsoil and drainage conditions. The stability of the subsoil also has a direct influence on the ability to properly prepare the site, construct the field and to maintain design grades under the deformations generated by the construction equipment itself. Such site condition as: expansive soils or plastic soils and use of base course materials consisting of these types of soils can create problems and frost action is exaggerated where frost susceptible materials exist with moisture available to generate frost heave. It is, therefore, necessary for offeror in cooperation with the owner to in ensure that a complete and accrete site inspection/investigation has been

performed to identify soil conditions existing at the site and to take these conditions into account in designing the project. Site preparation, including stripping, placement of backfill and base construction must be properly performed to minimize the risk of problems due to subsoil and subgrade conditions.

RFB 2006-009, Category 4, Category Terms and Conditions, Page 54.

13. In-Ground Equipment and Accessories

- a. The offeror must be willing and able to obtain, deliver and install in-ground equipment and accessories.
- b. In-ground equipment offered under this RFB may include but is not limited to the following (Model # is UCS equivalent):
 - 1) Pole Vault Boxes – Provide (4 #711-1100) cast aluminum vault boxes. The offeror shall provide synthetic surfacing material plugs, which are to be installed level to the surfacing of the respective runway and be of similar texture as the surrounding synthetic surfacing.
 - 2) Take-Off Boards – Provide (12 #519-2100) take-off board systems.
 - 3) Shot Put Toe Boards – Provide (2 #716-1630) shot put toe boards.
 - 4) Shot Put Rings – Provide (2 # 735-2540) shot put circle rings.
 - 5) Discus Rings – Provide (1 # 735-2530) discus circle rings.
 - 6) Combination Hammer/Discus Cage – Provide (1 # 570-4100) hammer/ discus cage with ground sleeves. Cage must meet IAAF rules.
 - 7) Hammer/Discus Conversion Ring – Provide (1 # 725-2535) hammer/ discus conversion ring.
 - 8) Water Jump Hurdle – Provide (1 # 506-5408) adjustable water jump hurdle with sleeves.
 - 9) Water Jump Cover – Provide (1 # 505-5420) aluminum water jump cover. The offeror is to install track surfacing onto the cover. The cover, when installed with synthetic surfacing on it, shall be flush with the surrounding area. The offeror must have existing contracts with in-ground equipment manufacturer prior to constructing steeplechase water jump, for proper building instructions for water pit and construction of cover.
- c. Other accessories that may be required to conduct and/or perform athletic events held within the athletic facility, which is a semi-permanent part of the structure may be provided if required by the owner.
 - 1) Removable Track Curbing: Removable track curbing (# 792-9410) shall consist of extruded anodized gold aluminum section constructed to allow portable installation. The curb shall meet the requirements of the IAAF. The curb will run the length of the 400m tracks with a section to run alongside the water jump inside of lane one on the second bend. The sections indicated on the drawings shall be removable when the curb is fully installed to allow passage of athletes.
 - 2) Long Jump Sandpits and Traps: The sandpits shall be constructed using the ACO border and sand trap system, Parts # 2739/1453/0962 installed to manufacturers instructions.
 - a) Sand – All sand for the long/triple jumps sand pits shall be clean, washed, white sand, containing not more than five percent (5%) clay and shall be free of trash, organic matter, and rock. Installed sand to meet all specifications of the IAAF – washed river sand, 0 to 2mm graining, no organic components, max 5% of weight up to 0.2mm. Prior to installation the offeror shall provide the member with a one (1) gallon sample for approval.

CES Response:

Please note the following changes.

RFB 2006-009, Category 4, Category Terms and Conditions, 4. Quality Assurance, Page 50.

Change To:

- a. The work shall conform to the USTC & ASBA's standards for field construction. The field surface will be applied by a licensed firm, which has been installing the material for the past five (5) years.

RFB 2006-009, Category 4, Category Terms and Conditions , Page 50.

Change To:

- 6. Site Inspection and Investigation – The ultimate performance of any field turf project depends to an important degree on subsoil and drainage conditions. The stability of the subsoil also has a direct influence on the ability to properly prepare the site, construct the field and to maintain design grades under the deformations generated by the construction equipment itself. Such site condition as: expansive soils or plastic soils and use of base course materials consisting of these types of soils can create problems and frost action is exaggerated where frost susceptible materials exist with moisture available to generate frost heave. It is, therefore, necessary for offeror in cooperation with the owner to in ensure that a complete and accrete site inspection/investigation has been performed to identify soil conditions existing at the site and to take these conditions into account in designing the project. Site preparation, including stripping, placement of backfill and base construction must be properly performed to minimize the risk of problems due to subsoil and subgrade conditions.

As part of a field project the CES member may request that the contractor provide and install various types of in-ground equipment and accessories as enumerated in item 15 on page 54. Respondents must indicate within their response what the can or can not provide in this area.

Question 6:

Category 4 Categorical Terms and Conditions Section12 Part d requires that installations be sewn. However, the Synthetic Turf Council does not show any benefit to using sewing compared to gluing. In the suggested guidelines from the synthetic turf council states either sewing or gluing can be used. Parts 4.4.7 and 5.6.1 of the synthetic turf council's Suggested Guidelines for Synthetic Turf Systems. In fact according to an article on the American Sports Builders Association (ASDA) gluing is better then sewing. The article is named Hazardous Seams and is located at:

<http://sportsbuilders.org/news.php?artID=350&from%5B%5D=67&from%5B%5D=747&>

Should mandatory sewing be changed to either adhesive seaming or to accommodate both?

Background:

RFB 2006-009, Category 4, Category Terms and Conditions , 12. Field Turf Installation, Page 54.

- d. This is a 99% sewn installation. Gluing of rolls shall not be acceptable. Minimum gluing will only be permitted to repair problem areas, corner completions, and to cut in any logos or inlaid lines as required by the specifications. All seams shall be sewn using double bagger stitches and polyester thread or, in the case of inlays only, adhered using seaming tape and high grade adhesive (per the manufacturer's standard procedures). Seams shall be flat, tight, and permanent with no separation or fraying.

CES Response:

CES as selected the sewing process as its minimum requirement for this type of installation and therefore. The respondent must provide an installation process that meets or exceeds the performance and durability characteristics of this process.

Question 7:

Category 4 Categorical Terms and Conditions Section 12 Part e. Here it is stated that the infill be applied in thin lifts; however, this is a proprietary to a single company. Applying infill in thin lifts does not hold any advantages and may be less advantageous in comparison to using premixed infill ratios. Should mandatory lift infill laying be changed to either premix infill ratios or to accommodate both?

Background:

RFB 2006-009, Category 4, Category Terms and Conditions , 12. Field Turf Installation, Page 54.

- e. Infill materials shall be applied in numerous thin lifts. The turf shall be brushed as the mixture is applied. The infill material shall be installed to a depth determined by the Manufacturer.

CES Response:

Respondents may provide alternative solutions, as long as the solution is equal to or better than the product requested.

If you have any questions regarding this Addendum, please contact my office.

By dating, signing and returning this page, the offeror acknowledges receipt of Addendum No. 2 (Please place behind Tab 1 of your response).

Date: _____ Company Name (Print): _____

Printed Name: _____ Signature: _____