

City of Fort Lauderdale



City of Fort Lauderdale • Procurement Services Division 100 N. Andrews Avenue, 619 • Fort Lauderdale, Florida 33301 954-828-5933 Fax 954-828-5576 purchase@fortlauderdale.gov

ITB 263-11777 PROJECT 12060 MILLS POND PARK ATHLETIC FIELDS

ADDENDUM NUMBER 4

August 5, 2016

The following Addendum is hereby made a part of the Plans and Specifications and shall be included with all contract documents:

Acknowledge receipt of this Addendum by inserting its number and date on the Construction Bid Certification.

1. The bid due date has been extended to August 15, 2016 - 2:00 PM EDT

All other terms, conditions, and specifications remain unchanged.

James T. Hemphill

Senior Procurement Specialist

(please print)

Bidder's Signature:

Date: _____

ITB No. 263-11777 MILLS POND PARK - ATHLETIC FIELDS

ADDENDUM No. 5

ISSUED: August 9, 2016

This addendum is being issued to provide the following information:

1. The Bid Opening Date has been changed to FRIDAY, AUGUST 19, 2016.

2. REVISED PLAN SHEETS LISTED BELOW (and attached):

- 1. Drawing C-05. Corrected and clarified Sections and labels.
- 2. Drawing C-06. Corrected and clarified Sections and labels.
- 3. Drawing C-08. Added/Clarified Sections and labels.
- 4. Drawing C-10. Added/Clarified Sections and labels.
- 5. Drawing C-13. Added/Clarified Sections and Details.
- 6. Drawing C-14. Added/Clarified Sections and Details.
- 7. Drawing C-15. Clarified Sections and Details.
- 8. Drawing E-02. Revisions made to concrete slab/electrical rack detail.
- 9. Drawing E-03. Revision made to label for conduit size.
- 10. Drawing E-04. Revision made to label for conduit size.
- 11. Drawing E-05. Revision made to label for conduit size.
- 12. Drawing E-06. Revision made to label for conduit size.
- 13. Drawing E-07. Added notes for conduit under road and pavement restoration.
- 14. Drawing E-08. Added notes for conduit under road and pavement restoration.
- 15. Drawing S-01. Added specifications for sheet pile retaining wall system.

3. ADDITIONAL APPROVED SYNTHETIC TURF GRASS SUPPLIERS/MANUFACTURERS:

Per the technical specification, 12060, for Synthetic Turf Grass Systems, Section 2.01, the following manufacturers of synthetic turf grass have been added to the list of preferred manufacturers/suppliers of synthetic turf for this project:

- 1. Hellas
- 2. ProGrass
- 3. Desso

4. ADDITIONAL INFORMATION UPLOADED IN BIDSYNC:

Marked up PDFs of Sheets C-05 and C-07, Paving & Drainage Plans, showing highlighted areas to clarify where the 12" deep concrete curb/edging transitions to 18" deep concrete curb/edging. Associated with Question/Response 64.

5. ADDITIONAL EXPLANATION OF BID ITEMS AND BID FORM IN BIDSYNC:

Per the Bid Documents, Item Response Form, in Bid Sync for this project, we would like to provide the following sample below for further clarification of the bid form and the amounts that are to be entered for each bid item.

<u>Item #263-11777-**01**-01- Base Bid</u>: Three new synthetic turf fields without parking. This is the total lump sum price for all work shown in the plans for Options #1 and #3.

In this case, for an example, let's use \$700,000 for Option #1 and \$300,000 for Option #3. So, your lump sum price for this item is \$1,000,000 for this sample bid.

<u>Item #263-11777-**02**-01- Alternate Base Bid</u>: Two new synthetic turf fields and one grass field without parking. This is the total lump sum price for all work shown in the plans for Options #1 and #5.

• In this case, for an example, let's use \$700,000 for Option #1 and \$200,000 for Option #5. So, your lump sum price for this item is \$900,000 for this sample bid.

<u>Item #263-11777-**03**-01- Option A</u>: 55 additional permeable paver parking spaces at the North Fields. This is the add item for the additional cost to construct the 55 permeable paver parking spaces and all associated work shown in the plans for Option #2, excluding the work that is already included for Option #1 (for constructing the two synthetic turf fields) in your Base Bid – Item 01 and your Alternate Base Bid – Item 02.

In this case, for an example, let's say that your price for Option #2 is \$950,000, then you would enter \$250,000.00 for this sample bid for this item – Option A in the bid form. (Note that this is the cost difference between Option #2 and Option #1 in your Base Bid And Alternate Base Bid. \$950,000 - \$700,000 = \$250,000).

<u>Item #263-11777-**04**-01- Option B</u>: 106 additional permeable paver parking spaces at the South Field (with that field being synthetic turf). This is the add item for the additional cost to construct the 106 permeable paver parking spaces and all associated work shown in the plans for Option #4, excluding the work that is already included for Option #3 (for constructing the one synthetic turf field) in your Base Bid – Item 01.

In this case, for an example, let's say that your price for Option #4 is \$600,000, then you would enter \$300,000.00 for this sample bid for this item – Option B in the bid form. (Note that this is the cost difference between Option #4 and Option #3 in your Base Bid. \$600,000 - \$300,000 = \$300,000).

<u>Item #263-11777-**05**-01- Option C</u>: 106 additional permeable paver parking spaces at the South Field (with that field being natural grass). This is the add item for the additional cost to construct the 106 permeable paver parking spaces and all associated work shown in the plans for Option #6, excluding the work that is already included for Option #5 (for constructing the one natural grass field) in your Alternate Base Bid – Item 02.

In this case, for an example, let's say that your price for Option #6 is \$475,000, then you would enter \$275,000 for this sample bid for this item – Option C in the bid form. (Note that this is the cost difference between Option #6 and Option #5 in your Alternate Base Bid. \$475,000 - \$200,000 = \$275,000).

<u>Item #263-11777-06-01- Option D</u>: Optional Upgrade to LED Sports Lighting – North Fields only. This is the add item for the additional cost associated with upgrading the sports lighting from the HID/Metal Hallide lighting system included your Base Bid prices to an LED lighting system for the two north fields only as shown in the electrical plans.

• In this case, for an example, let's say your price for the LED lighting system is \$500,000 and your price for the HID lighting system is \$400,000. Then, your price for this add item is \$100,000 for this sample bid for this item – Option D in the bid form.

<u>Item #263-11777-**07**-01- Option E</u>: Optional Upgrade for Installing Totally Organic In-fill System – North Fields only. This is the add item for the additional cost to furnish and install a Totally Organic In-fill System for the two North Fields A & B (as per the plans for Options #1 and #2).

• In this case, for an example, let's say that your price for the Sand/SBR (crumb rubber) In-fill system included in your Base Bid prices is \$150,000 and your price for the Totally Organic In-fill system is \$200,000. Then, you would enter \$50,000 for this sample bid for this item – Option E in the bid form.

<u>Item #263-11777-**08**-01- Option F</u>: Optional Upgrade for Installing Totally Organic In-fill System – South Field only. This is the add item for the additional cost to furnish and install a Totally Organic In-fill System for the one South Field C (as per the plans for Options #3 and #4).

 In this case, for an example, let's say that your price for the Sand/SBR (crumb rubber) In-fill system included in your Base Bid prices is \$75,000 and your price for the Totally Organic In-fill system is \$100,000. Then, you would enter \$25,000 for this sample bid for this item – Option F in the bid form.

<u>Item #263-11777-09-01- Option G</u>: Optional Upgrade for Installing Heat Reducing Organic Composite In-fill System – North Fields only. This is the add item for the additional cost to furnish and install a Heat Reducing Organic Composite In-fill System for the two North Fields A & B (as per the plans for Options #1 and #2).

• In this case, for an example, let's say that your price for the Sand/SBR (crumb rubber) In-fill system included in your Base Bid prices is \$150,000 and your price for the Heat Reducing Organic Composite In-fill system is \$225,000. Then, you would enter \$75,000 for this sample bid for this item – Option G in the bid form.

<u>Item #263-11777-**10-**01- Option H</u>: Optional Upgrade for Installing Heat Reducing Organic Composite In-fill System – South Field only. This is the add item for the additional cost to furnish and install a Heat Reducing Organic Composite In-fill System for the one South Field C (as per the plans for Options #3 and #4).

• In this case, for an example, let's say that your price for the Sand/SBR (crumb rubber) In-fill system included in your Base Bid prices is \$75,000 and your price for the Heat Reducing Organic Composite In-fill system is \$125,000. Then, you would enter \$50,000 for this sample bid for this item – Option H in the bid form.

6. OVERALL BID QUESTIONS / ANSWERS

Question 1 – What's the budget on this project?

Answer: The current funding for this project is approximately \$3.2M. However, the City will identify additional funding as necessary.

<u>CORRECTION</u>: The current funding for this project is approximately \$3.2M, however, the City may be able to identify additional funding if necessary

Question 2 – estimate?

<u>Answer</u>: The current funding for this project is approximately \$3.2M. However, the City will identify additional funding as necessary.

<u>CORRECTION</u>: The current funding for this project is approximately \$3.2M, however, the City may be able to identify additional funding if necessary.

Question 3 – What is the budget for this project?

<u>Answer</u>: The current funding for this project is approximately \$3.2M. However, the City will identify additional funding as necessary.

<u>CORRECTION</u>: The current funding for this project is approximately \$3.2M, however, the City may be able to identify additional funding if necessary.

Question 4 – Is there a CAD file available?

Answer: No. The only exception to this may be for Sports Lighting manufacturers that would like to prepare Pre-bid Submittal design packages for approval. Note that there are substitutions allowed for other Sports Lighting manufacturers to be considered an "Equal" to the Musco Lighting system being specified in the plans and specifications. The procedure for this is outlined in the General Conditions, as well as in the Specification Sections 16000, 16520, and 16530.

The CAD file for sports lighting manuf. has been added to the Documents Page in Bidsync. (Answered: Jul 20, 2016 4:20:19 PM EDT)

<u>Question 5</u> – The downloaded plan set has digital errors in much of the text; Detail headers and notes for example. Can corrected plans be issued ASAP? **Answer**: Acknowledged. New Plan sheets will be issued.

Question 6 – What does a sports lighting manufacturer do to get accepted as an equal product to what has been specified?

<u>Answer</u>: There are substitutions allowed for other Sports Lighting manufacturers to be considered an "Equal" to the Musco Lighting system specified in the Plans and Specifications. The procedures for this is outlined in the Specification Sections 16520, and 16530. AutoCAD files are available for Sports Lighting manufacturers that would like to prepare Pre-bid Submittal design packages for approval.

- Additionally, you must adhere to the requirements as indicated in the specification General Conditions item GC-03- Substitutions. The required 'Contractor's Request for Substitution
- The required 'Contractor's Request for Substitution' form has been added to the Documents Page in Bidsync.

<u>Question 7</u> – will you accept a bid for LED lights for all 3 fields if the price is comparable to HID?

Answer: At this time please submit LED option for the proposed two (2) north fields only.

<u>Question 8</u> – What is the specification for the area light to be mounted on the sports lighting pole?

Answer: The area light (or security light) to be mounted on the sports lighting poles is a LED floodlight. For more specifications pertaining to this light fixture, please refer to the technical specification sections 16520 and 16530 for the HID and LED Sports Lighting, under sections 2.05 and 2.03 respectively, for the LED Security Lighting. In addition, please see sheets E - 22 and E - 23 for the photometric requirements for these LED security lights. In addition, we have issued a revision to the technical specification section 16530 in order to correct the light poles for the security lights. Please also see the revised plan sheets included in the Addendum 3.

Question 9 – E18 of the Addendum 2 Set still has the Font Conversion error. Can you please submit a correct plan page.

Answer: Revised sheet shall be included in Addendum 3

Corrected sheet was not part of addendum 3 - it has been uploaded onto the Documents page as a stand alone document.

<u>Question 10</u> – Section 01025- Measurement and Payment - Option D(LED Upgrade for A&B Fields) : Contractor will submit two Prices one for Option #1 (Fields Only) and one for Option #2 (parking Lot Only) ?

<u>Answer</u>: No. The Contractor shall submit one price for the cost to upgrade to LED Sports Lighting for the Fields (A & B) Only

Question 11 – There is no drawings for Demolition Option#5, can we use Sheer no. C03 for Option #3?

<u>Answer</u>: Yes. There are not separate sheets for the Demolition plans for Option #5 and Option #6. Please use sheet C-03 (Option #3) for Option #5, as well, and use sheet C-04 (Option #4) for Option #6. Please also refer to the two Notes for Options 5 and 6, that are included on both sheets, C–03 and C-04, for the specific notes pertaining to the demolition of Options 5 and 6.

Question 12 – Reference: Site Drawings SP07

Question: 1- CL Fencing Details callouts are not coordinated. 2- Bike Detail notes are unreadable.

Please correct and re-issue drawing.

<u>Answer</u>: Individual 8-1/2" x 11" PDFs of the two specific details, one for the Bike Rack and one for the Chain Link Fence shall be included in Addendum 3

<u>Question 13</u> – Refer to drawing SP03. Along the South side of the field it calls for netting and refers to Spo7 for the detail. The Detail indicates a 6' CL Fence with 15' of Netting above. dos this mean wherever, sports netting is shown that the CL Fence is also required? Please Clarify. <u>Answer</u>: Yes (Answered: Jul 20, 2016 12:00:43 PM EDT)

Question 14 – Reference Drawing SP07- Chain Link Detail

Additional Keynote References are indicated as: 0166-10, 0187-10, 0187-20. What does this mean? Please clarify.

<u>Answer</u>: The numbers reference additional general notes from the manufacturer. We have provided those notes below:

Reference #	Description
01.66.10	Contractor is responsible to comply with product(s) manufacturer's
	recommendations for delivery, storage and handling. Products damaged
	prior to final acceptance shall be replaced with new, at no cost to the Owner.
01.87.00 - EQUIPMENT	AND FURNISHINGS PERFORMANCE REQ.
01.87.10	All product details contained herein are considered current at the time of
	development, but must be reviewed and approved by the product
	manufacturer to be considered accurate. Some items on details have been
	modified to a higher standard than the minimum requirements. Contractor
	shall adhere to this higher standard unless written authorization from
	Owner's Representative is provided.
01.87.20	Product(s) shall be installed in compliance with manufacturer's written
	instructions & specifications, by experienced qualified (Certified or
	recommended by manufacturer) installer(s).

<u>Question 15</u> – SP01 calls for access openings in the rope fence. Review of the rope fence detail on drawing SP07 doe not indicate an opeing for the rope fence. Please provide a detail on how this opening should be constructed.

<u>Answer</u>: The plans call for these access openings to just be open at this time. It will be up to the City staff to decide if they want anything (i.e. gates, chains, or ropes) to go across these

Luminaire Schedule											
Symbol	Qty	Label	Arrangement	Description	Lumens/ Lamp	LLD	LDD	LLF	Lum. Watts	Total Watts	
6	1	2B CC25A3 CC 96L5K480 VSF-2SB	BACK-BACK	KIM LIGHTING CC25 CURVILINEAR LED WITH PICO PRISM MH: 25 FT POLE MOUNT A.F.G.	N.A.	1.000	1.000	1.000	216.9	433.8	
୶	10	1A CC25AS CC 96L5K480 VSF-1SA	SINGLE	KIM LIGHTING CC25 CURVILINEAR LED WITH PICOPRISM MH: 25 FT POLE MOUNT A.F.G.	N.A.	1.000	1.000	1.000	216.9	2169.0	
Ð	8	1A CC25AS CC 96L5K480 VSF-1SA	SINGLE	KIM LIGHTING CC25 CURVILINEAR LED WITH PICO PRISM MH: 25 FT POLE MOUNT A.F.G.	N.A.	1.000	1.000	1.000	216.9	1735.2	

EXISTING LAI

2.4 5.0 3.8

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Calculation Summary										
Label	CalcType	cType Units Avg		Avg Max		Avg/Min	Max/Min			
PARKING LOT 1	Illuminance	Fc	2.94	5.8	1.0	2.94	5.80			
PARKING LOT 2	Illuminance	Fc	2.26	5.1	1.0	2.26	5.10			
PARKING LOT 3	Illuminance	Fc	2.66	6.3	1.0	2.66	6.30			
PARKING LOT 4	Illuminance	Fc	2.82	5.4	1.1	2.66	4.91			
OFF-SITE HOUSE LINE	Illuminance	Fc	0.06	0.1	0.0	N.A.	N.A.			



PHOTOMETRIC PLAN-OPTION 2 SCALE: 1" = 40'

Field A Multipurpose Field B

LIGHTING METHOD #2

NOTE:

	Multipurpose Field C		30 Footca	ootcandles 3.0		0:1.0	6	0 3) 30' x 30'	
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Multipurpose Field A Multipurpose Field B Multipurpose Field C		4	3.5 FC	30 Foo	otcandles	3:0:1.0		84	3	30' x 30'
		4	3.5 FC	30 Foo	otcandles	3:0:1.0		50		30' x 30'
		4	3.5 FC	30 Fo	otcandles	3.0:1.0		60		30' x 30'

30 Footcandles



3:0:1.0

50 30' x 30'

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									_31 _	43 +	_38	- <u>36</u>	_ <u>3</u> 5	 _37	<u>3</u> 0
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3.6 2 3.4 2 3.4 2	.8 2.1 .7 2.0 .8 2.0		_32	_31	<u>2</u> 9	<u></u> 28	<u>2</u> 6	\$	25	35	- 31	÷ 29	28	35	28
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openings. Thus, this item is NOT included in the Contractor's work for this project. The width of the openings in the rope fence shall be 5'-0" for pedestrian access and 12'-0" for maintenance vehicles. The openings for the Optional parking areas shall be as shown on the plans.

Question 16 – Drawing C26 indicates wheel stops, however no detail is shown as to whether this is a precast wheel stop , the length desired, etc. please provide details.

<u>Answer</u>: Yes, the wheel stops have been specified as precast concrete wheel stops with a max. height of 5-1/2". This note is called out on the Detail #2 on Sheet SP-07, titled "Typical Permeable Paver Parking Striping Detail. A new cut sheet will be included in Addendum 3

Question 17 – Drawing C26 indicates cross hatching and HC Symbols how is this accomplished on pavers?? Please clarify.

Answer: All of the striping for the parking areas is to be done using permeable pavers in the appropriate colors. Please refer to the Detail #2 on Sheet SP-07, titled "Typical Permeable Paver Parking Striping Detail for more information on this.

Question 18 – Drawing C06 indicates an 1-1/2" polytube water service from the existing 8" WM at the roadway to n island. What is this polytube water service for?? Is there a water fixture to be provided at the island? Please clarify and provide details on how this polytube is terminated. **Answer**: The contractor is to install a 1-1/2" service pipe, Meter Box and Angle Stop for future 1" meter connection. See detail "Typical Water Service Installation- 300" on sheet C 16. An additional 1" diameter, 30" long Copper Tailpiece to be installed and plugged both ends at the Island. This service is for a future building not included in this project. This service/stub out only becomes necessary if the optional parking areas shown in the Option #2 plans are built. It should not be included in Option #1

<u>Question 19</u> – Refer to Drawing C06. There is 70 lf of 6" sanitary sewer indicated from the road to a6" cleanout is this san sewer for the future Restroom Building that is shown on SP02? Is the Future Restroom building planned for Option 1?

<u>Answer</u>: This proposed sanitary service is for a future building not included in this project. This service is to be installed and plugged per detail "Typical Cleanout Installation -209" on sheet C18. This proposed sanitary service/stub out only becomes necessary if the optional parking areas shown in the Option #2 plans are built. It should not be included in Option #1.

Question 20 – Drawing C06 notes "Concrete sidewalk to be 6" when it crosses maintenance access" Maintenance Access is not indicated on this drawing. Please clarify.

<u>Answer</u>: The maintenance access is shown as a hatched area per the legend on the Paving and Drainage Plans. The maintenance access is also shown on the Site Plans, SP01 thru SP06. The maintenance access crosses over a proposed concrete sidewalk in two places on the plans (at the north fields, per Option #2, sheets C–6 & SP 2, and at the south field, for Options #4 and #6, sheets C-8 & C-10 and SP 4 & SP 6). Please see the attached PDFs with the 6" thick sidewalk areas highlighted. Please also refer to the details on sheet C-14.

Question 21 – Refer to Drawing C06. At the West side of the proposed souh parking lot the plan calls for a 24" high concrete edge, Yet on the north side of that parking lot at that area it calls for the special curb and also on the south side in the same area. It is difficult to tell where the 24" curb start and stops on the plans. Can you please clarify by indicating different lines for the 24" edge curb and the special curb. This occurs at several locations.

<u>Answer</u>: The 24" tall, Concrete Edger starts at the existing edge of pavement and ends at where the leader/arrow is pointing for the proposed 3' transition. The 3' transition from the 24" tall, Concrete Edger to the Special Type 'D' Curb starts at where the leader/arrow is pointing

and goes in the direction towards the Special Type 'D' Curb around the permeable paver parking areas. Also, the Special Type 'D' Curb transitions to the 24" tall, Concrete Edger again where the Maintenance Access is proposed to leave the parking areas. Please see the attached PDFs with the flush Concrete Edger and the Special Type D Curb areas highlighted. Please also refer to the details on sheet C-14. (Answered: Jul 21, 2016 12:24:35 PM EDT)

<u>Question 22</u> – For option 3, 4, 5 & 6 it is not clear if there is an existing rope fence along the North side of the road that needs to be removed? Please clarify if there is removal of existing rope fence?

<u>Answer</u>: The existing rope fence on the east side of the roadway extends approximately 150 feet north of the existing restroom building. This portion of existing rope fence remains for Options 3 and 5 (see SP-3 & SP-5). For Options 4 and 6, there is a small portion of the existing rope fence that will have to be removed for construction of the driveway into the parking area (see SP-4 & SP-6). The existing rope fence shown on the west side of the roadway shall remain for all options

Question 23 – For options 3,4,5 & 6 it is not clear where the proposed fence will start and end along the north side of the road. Please clarify.

<u>Answer</u>: The existing rope fence on the east side of the roadway extends approximately 150 feet north of the existing restroom building. All other rope fence shown within the project limits for Options 3, 4, 5, & 6 is proposed. The existing rope fence shown on the west side of the roadway shall remain for all options.

<u>Question 24</u> – When will Sprinturf be approved as a synthetic turf product and synthetic turf installer?

<u>Answer</u>: We have not received a Pre-bid Submittal package from Sprinturf (or any other synthetic turf manufacturer) at this time. Once we have received a completed package, we will review the submittal in a timely fashion. This will probably be within 3 to 5 business days. However, the results of the review will posted on Bid Sync not later than 7 days prior to bid opening

Question 25 – When will the pre-bid sign in sheet be posted? **Answer**: It is now on the documents page in bidsync

<u>Question 26</u> – Is there a detail for the maintenance access road shown on Drawing C05 on the north and south sides. How wide is this maintenance access road? Is there any base rock required? Please provide a detail.

<u>Answer</u>: Yes. There is detail for it on sheet C-14. It is typically 12' wide. There are no specific requirements for base rock.

<u>Question 27</u> – The City of Ft Lauderdale has used and accepted other permeable interlocking pavement products; specifically PaveDrain. Will they allow an alternate to the specified permeable pavers for a product called PaveDrain?

<u>Answer</u>: Please see SECTION 02780, PERMEABLE INTERLOCKING CONCRETE PAVERS in the technical specifications. NO alternates will be allowed.

Question 28 – Civil sheet C13, Permeable Paver Parking Lot Detail calls out for 2" of a 1/4" washed, crushed stone directly under the pavers. What aggregate gradation # is required here, what is the minimum % of fines and what void space is required to allow water to infiltrate vertically?

<u>Answer</u>: Please see SECTION 02780, PERMEABLE INTERLOCKING CONCRETE PAVERS in the technical specifications. The aggregate gradation requirement is specified in Section 02780.

Question 29 – For the referenced permeable pavers, what is the required inches per hour of infiltration and will the system be tested upon installation to guarantee said rate?

<u>Answer</u>: The permeable pavers are to be installed per the plans, details and specifications for this project. Inspections and testing are required, and will be performed during the construction activities. Please refer to SECTION 02780, PERMEABLE INTERLOCKING CONCRETE PAVERS in the technical specifications for details. A specific infiltration rate is not specified and the system will not be tested upon installation to guarantee a specific rate. The system will only be tested per SECTION 02780 and the Contractor will be liable for defects and any non-conformance.

Question 30 – Refer to Dwg C21 & C22. Dwg C21 indicates one (1) Construction Entrance. Dwg C22 indicates two (2) construction entrances. Why is it necessary for two construction entrances which are right next to each other? Please clarif6y.

<u>Answer</u>: This is the way that the plans have been approved. The contractor shall bid on the project based on the number of Construction Entrances as shown on the plans.

Question 31– Will the Pre-Bid Meeting Sign in Sheet be posted shortly? **Answer**: It has been added to the Documents Page

<u>Question 32</u> – Based on Question #4 and its answer - there is a CAD File available for Sports lighting manufactures - where would you get this? Could you provide contact person for this information

<u>Answer</u>: The CAD file for sports lighting manuf. has been added to the Documents Page in Bidsync.

Question 33 – When will the attendees list for the pre-bid conference be available? **Answer**: It is on Documents Page in Bidsync

<u>Question 34</u> – General Condition, Page GC-7 and item GC-16 : Florida East Coast Right -Of-Way insurance : is that applicable for this project? please confirm. <u>Answer</u>: Item GC-16 is not applicable for this project.

<u>Question 35</u> – Refer to Drawing C27. No stop signs are called out on this drawing are they required? Please clarify

Answer: Yes. There are stop signs to be included on this sheet (C 27). Due to a technical problem with the PDFs for the bid set, the stop signs did not print out correctly on this sheet. Generally, there shall be a stop sign at the location of each stop bar shown on the plan. In addition, as part of Addendum 3, we have re-issued a new plan sheet, C 27, for clarification purposes. There have been no other changes made to this sheet.

Question 36 – Where can the "Contractor's Request for Substitution" form be found? Answer: This has been uploaded to the Documents Page

<u>Question</u> <u>37</u> – The plans labeled 263-1177 Mills Pond Lighting Plan are not associated with a program extension. What type of file is this? <u>Answer</u>: The file is AutoCAD .dwg file format. **Question 38** – Can #89 Stone be used in lieu of #10 stone for top layer of drainage **Answer**: Yes

Question <u>39</u> – Are 12" flat drains wrapped in typar fabric acceptable to be laid on geotextile fabric? ex. ADS AdvanEdge flat drain

Answer: No. Please bid on the drainage as specified in the plans. No alternates will be allowed.

<u>Question</u> <u>40</u> – Can excess dirt be left on-site for future maintenance use or is there a nearby park/ school that dirt can be hauled to?

Answer: No. All excess dirt is to be hauled away.

Question <u>41</u> – Under Option B of the Bid form we are to add the permeable parking for Field C per Drawing SP04, C04, IR04 and L04. Are we to add the additional lineal feet of netting and fencing per SP04 to Option B?? Please clarify. This also occurs at Option C bid as well.

<u>Answer</u>: Yes. The additional netting and fencing shown on SP 04 should be included in your price for Option B on the bid form. The same is true for your price for Option C on the bid form.

Question 42 – Please verify requested stone profile; typical profiles are 5" of #57 & 1" of #89. 2" of #89 will result in a loose top base, may be rejected by turf companies.

Answer: Bid submittal shall be based on current plans, stone profile, details and specifications.

<u>Question 43</u> – E-18 was not re-issued in Addendum 3 and still has the font conversion errors. Please re-issue.

Answer: Corrected sheet has been uploaded to the Documents Page of Bidsync.

Question 44 – The 8" vertical connections from the flat drains to the 12" perf. pipe comes standard in 4" or 6", 8" is not an option please advise.

Answer: Instead of the 8" vertical tap that is labeled in the detail, 12" Corru Tap, PVC Riser Pipe and Fittings shall be installed per the manufacturer's products and recommendations. The size of the specific connectors shall be per the manufacturer's products and recommendations. In addition, please refer to the technical specification section 02632-3 2.02 Pipe Fittings and 02632-4 3.01 Installation and Construction Requirements.

<u>Question 45</u> – Sheet C14 12" Field Collector detail: typical field flat drains are laid on top of fabric, please clarify

<u>Answer</u>: The geo textile fabric (under the whole field) will go under the horizontal flat drainage pipe (in the notch that is created for it). The flat drainage pipe comes wrapped in its own fabric.

Question 46 – Clarify turf field thickness, infill weight, fiber type, pile height etc.

<u>Answer</u>: Refer to the technical specification section 02863 -2 2.01 for the Synthetic Turf Grass minimum standards.

Question 47 – Will FPL install the concrete pad for the new FPL Transformer? **Answer**: Yes

Question 48 – If FPL does not install transformer pad please furnish size, thickness and details of pad.

Answer: FPL will install transformer pad.

<u>Question 49</u> – Detail on Drawing C14 indicates the 1x12 Flat Drainage to be installed into subgrade under the geotextile fabric. The 1x12 Flat panels need to be installed atop the

geotextile fabric. All the fields we have installed we place the 1x12 panels atop the geotextile fabric. By this method you have the full portion of the panels to absorb the water drainage. Is it intent to have the top of the flat panels flush with subgrade and below the geotextile fabric? Please clarify.

<u>Answer</u>: No. The intent is to have the top of the flat panels flush with the subgrade and ABOVE the geo textile fabric. Also, see the response to question #45.

Question 50 – What is the length of sheet piling we need to install for the retaining wall for Field A & B? General Notes on Drawing S-1 Sheet Piling Note 2 indicates min. embedment as shown on plans and section details. Sections and plans do not indicate the minimum embedment required. Please clarify.

<u>Answer</u>: The length will depend on the shop drawings and calculations from your Structural Engineer. Please refer to section 1 on sheet S-5 (typical section) minimum embedment 14'--0 below the lower side grade. Coordinate the minimum grade elevation, the finish cap elevation, and minimum 5" embedment into the cap, to calculate the overall length of the sheet.

Generally, the plans indicate a minimum of 14' embedment below the existing grade at the wall, which is approximately elev. 1.0, and the proposed top of wall grade is elev. 4.9. Thus, the minimum overall length of the panels would be about 18'.

<u>Question 51</u> – Drawing E02 Electrical Rack Fence Enclosure indicates a 3'x6' swing gate with a fence transom over the gate. Can we provide a 3'x8' gate and eliminate the transom? Please clarify.

Answer: Yes

<u>Question 52</u> – Drawing E07 indicates conduit to be installed across the road to the existing Irrigation pumps. Can the road be open cut or should the conduit be installed via directional bore. Please clarify.

Answer: Open cut will be allowed

<u>Question 53</u> – Electrical drawing E07 (Option 3) indicates new conduit, junction boxes and wire from existing electrical room & motor control to existing irrigation pump. Electrical drawing E09 (Option 5) indicates existing conduit to irrigation pump to remain. Does the existing conduit & wire per E09 need to be removed for Option 3 & Option 4? Please clarify.

Answer: On sheets E 07 and E 08 (for Options 3 & 4 with synthetic turf field), the existing conductors are to be removed from the pull box on the west side of the field to the irrigation panel along with the pull box on the east side of the field, and the conduits may be abandoned in place. On sheets E 09 and E 10 (for Options 5 & 6 with natural grass field), the existing conductors and conduit to the irrigation pump are to remain. See the notes on the drawings.

<u>Question 54</u> – Drawing E03 (Option 3) indicates an empty conduit from the electrical rack to the future restroom building. Two (2) locations indicate 2" PVC conduit whereas at the future location of the restroom building it is indicated to be 4" PVC conduit. Do you require two different sizes? Please clarify where 4" PVC conduit starts and ends and where 2" Conduit start and ends?

<u>Answer</u>: No, there are not two different sizes. There is only one 2" conduit for the future restroom building.

<u>Question 55</u> – What is the difference between drawing E05 & E06 (Both Option 2) other than one is HID (E05) and the other is LED (E06). Overlay of these drawings do not indicate any difference in conduit routing. Please clarify the differences between these two drawings? Is Bid Option D is limited to Sports Lighting and not parking lot lighting?

<u>Answer</u>: The only difference is the HID versus LED Sports Lighting. The Bid Item Option D is only for the Sports Lighting.

<u>Question 56</u> – electrical Drawing E05 Option 2 indicates there is lighting for the parking lots. Where are the light poles specified as to light pole, light fixtures? The same condition occurs for Field C under E08 Option 4 & E10 Option 6. Please clarify

Answer: The detail for the parking lot light poles and fixtures is shown on sheet E 18.

Question 57 – Please clarify the turf field perimeter drainage trench dimensions, over excavating the trench for just a 12" pipe is cost prohibitive.

<u>Answer</u>: The perimeter drainage trench dimensions are approximately 5'-0" wide by 5'-0" deep. Please base your bid on this size.

<u>Question 58</u> – Detail 3/S-5 indicates a 60" ground sleeve required for the netting poles. What is the purpose of this sleeve, since the CL Fencing will be attached to the netting poles and in order to remove the netting poles the CL fence would have to be removed. Please clarify.

<u>Answer</u>: The purpose of the ground sleeves is for the ease of installation of the netting poles for the contractor (per the recommendations of the manufacturer). They are optional, and the contractor may choose to install the netting poles and concrete footings without the sleeves. The netting can be lowered without removing the netting poles and the chain link fence.

<u>Question 59</u> – Drawing SP07 Chain Link Detail Note 12 indicates refer to structural drawings for the line post of the 6' high CL fence. The Structural drawings indicate a foundation for the netting pols of 5'10" deep x 24" diameter. What is the size desired for the CL Fence? Please clarify.

<u>Answer</u>: The size of the foundation for the line posts will depend on the shop drawings and calculations from your Structural Engineer. Please refer to Detail 4 on the Structural Drawings, sheet S-5. The approximate size of the footing shall be 4'-4" deep by 1'-0" wide.

Question 60 – Can we propose an alternate for the parking lots fixtures? **Answer**: No alternates will be allowed.

<u>Question 61</u> – Drawing E02 Electrical Rack ER2 Plan refers to Drawing C14 for Concrete Slab Detail. There is no detail for the concrete slab on Drawing C14. Please clarify. <u>Answer</u>: There is a 6" concrete slab with thickened edge specified for the electrical rack. There is a Detail called Concrete Slab on Grade on sheets C 14 for this.

Question 62 – Sheet C13 Section J-J is not shown as a cross section on either field.

Please clarify that this corresponds to the area between north fields.

<u>Answer</u>: Yes. Section J - J on sheet C 13 is the cross section that corresponds to the area between the two north fields. Revised plans showing the correct labels for the section location will be issued in an Addendum.

Question 63 – Can athletic fields be worked on simultaneously? **Answer**: Yes

<u>Question 64</u> – clarify where the 18" & 12" curb starts and stops, plans are unclear. <u>Answer</u>: 18" deep curb is applicable to Sections C-C, I-I, and H-H. Exhibits with red lines showing the limits of 18" deep curb along the Synthetic Turf Fields have been added to the Documents Page (C05 and C97 Drainage Plans). (Answered: Jul 29, 2016 2:29:30 PM EDT) <u>Question 65</u> – On the payment method what type of Visa or Master Credit Card is being used. Is it a Business Card, Corporate Card or Purchasing Card? We need to know so we can determine the interchange rate. Please clarify. **Answer**: Purchasing Card

Question 66 – Are all the sidewalks 5' wide? Drawing C07 & C09 do not state the width. Yet, Drawing C10, indicates 5' wide at parking areas. Please clarify. **Answer**: Yes. All of the sidewalks are 5'-0" wide.

Question 67 – Drawing C14 sidewalk details indicate the sidewalks have no thickened edges nor reinforcement. Yet, on the same drawing detail entitled "Slab on Grade" indicates thickened edges and #4@12 EW rebar. Do the sidewalks have reinforcement or any thickened edges? **Answer**: No. The 5' sidewalks do not have any reinforcement or thickened edges. The "Slab on Grade" detail is for the new electrical rack/service at the north fields only.

<u>Question 68</u> – Sheet piling vendors are asking why you are asking for aluminum sheet piling? They are asking if Steel Sheet piling can be used since it is more readily available. Please clarify why the need for aluminum sheet piling?

<u>Answer</u>: Since these walls are going to be visible to all park users, we do not want to have them rust-stained

<u>Question 69</u> – We do not see a specification for the sheet piling other than the general notes on the Structural set of drawings. Are you planning on issuing a specification? <u>Answer</u>: Aluminum sheet pile material specification: Aluminum to ASTM 6061-T6 Marine Grade Fu = 38ksi Fv = 19.5ksi

E= 10000ksi Sheet pile profile to be PZH -153.

All other terms, conditions, and specifications remain unchanged.

lames T. Hemphill

Senior Procurement Specialist

Company Name: _____

(please print)

Bidder's Signature:

Date: _____









DRAWING FILE NO. 4can138++52

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City of Fort Lauderdale

COJECTS/2015/157678 MILLS POND PK-SOCCER FIELDS/CADD FILES/DRAWINGS/12060-MULTI-DTLS.DWG Monday. August 01, 2016

JJECTS\2015\157678 MILLS POND PK-SOCCER FIELDS\CADD FILES\DRAWINGS\12060-MULTI-DTLS.DWG Monday, August 01, 2016 11:11:04 /

- PROPOSED CONTINUOUS FOOTER (SEE SHEET C14 FOR CONCRETE SLAB DETAIL.)

- PROPOSED FENCE FOOTER (SEE ELECTRICAL RACK FENCE ENCLOSURE DETAIL)

12

PROPOSED CHAIN-LINK ENCLOSURE

0.JECTS\2015\157678_MILLS_POND_PK=SOCCFR_FIFLDS\CADD_FILFS\DRAWINGS\12060-MULTI-FLFC.DWG_Fridav._Julv_29._2016_3:54:5

 $4 - 1538 - 16542_{43}$

GENERAL NOTES

ALL WORK TO BE PERFORMED UNDER THIS CONTRACT SHALL COMPLY WITH THE MOST RECENT EDITION OF THE FLORIDA BUILDING CODE, CITY LABOR LAWS, CITY ORDINANCES, CITY/ COUNTY ZONING CODES, RULES AND REGULATIONS, AND ANY APPLICABLE CODES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQ'D PERMITS TO CARRY OUT THE WORK DESCRIBED IN THE CONSTRUCTION DOCUMENTS.

STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH PROJECT SPECIFICATIONS, CONSULT THESE DOCUMENTS FOR SLEEVES, DEPRESSIONS AND ANY OTHER DETAIL NOT SHOWN ON THE STRUCTURAL DOCUMENTS.

ALL DIMENSIONS AND CONDITIONS MUST BE VERIFY IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.

CONTRACTOR(S) SHALL FAMILIARIZE HERSELF/ HIMSELF WITH ALL THE EXISTING CONDITIONS AT THE SITE RELATIVE TO SCOPE OF WORK RELATING TO THIS PROJECT, MATERIALS HANDLING, STORAGE AND DELIVERY, WORKING SPACE AVAILABLE, SAFETY PRECAUTIONS REQUIRED, AND ALL OTHER CONDITIONS NECESSARY TO THE MAKING OF AN ACCURATE AND COMPLETE PROJECT BID, NO INCREASE IN PROJECT COST WILL BE ALLOWED FOR FAILURE OF THE CONTRACTOR TO KNOW EXISTING SITE CONDITIONS.

THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER IS COMPLETED. IT IS THE CONTRACTOR RESPONSIBILITY TO DETERMINE PROCEDURES AND SEQUENCING TO ENSURE SAFETY OF THE DECK AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIEDOWNS.

DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONS. ANY DIMENSIONS NOT INDICATED ON DRAWINGS SHALL BE CONFIRMED WITH ENGINEER PRIOR TO CONSTRUCTION.

NO WORK SHALL BE PERFORMED OUTSIDE THE PROJECT LIMITS WITHOUT PRIOR WRITTEN APPROVAL FROM THE BUILDING OWNER AND OR ENGINEER.

CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES AS REQUIRED FOR COMPLETION OF WORK.

MATERIALS SHALL BE NEW, OF QUALITY SPECIFIED, DELIVERED IN A TIMELY FASHION AND AMPLE QUANTITY TO PREVENT DELAY OF WORK. SUBSTITUTIONS REQUIRE PRIOR APPROVAL FROM ENGINEER.

THERE ARE NO SUBSTITUTIONS ALLOWED UNLESS APPROVED BY THE ENGINEER. THE G. C. SHALL SUBMIT IN WRITING ALL REQUESTS FOR SUBSTITUTIONS.

THE G. C. SHALL SUBMIT IN WRITING TO THE ENGINEER PRIOR INSTALLATION, IF ANY UNFORESEEN CONDITIONS AFFECTING INSTALLATION ACCORDING TO SPECIFICATIONS.

ALL PLAN DETAILS AND WALL SECTIONS ARE ASSUMED TO BE TYPICAL CONDITIONS UNLESS DETAILED OR NOTED OTHERWISE.

CODES AND STANDARDS

THE PROJECT WAS DESIGNED IN ACCORDANCE WITH THE FOLLOWING CODES:

- A FLORIDA BUILDING CODE / 2014 EDITION. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 3 | 8-02). MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE
- STRUCTURES (ACI 315 / LATEST EDITION)
- MANUAL FOR STANDARD PRACTICE FOR WELDING REINFORCED STEEL INSERTS \$ CONNECTIONS IN REINFORCED CONCRETE CONSTRUCTION AWS. DI.4 / LATEST EDITION.
- E SPECIFICATION FOR STRUCTURAL CONCRETE FOR BUILDINGS. ACI 301 / LATEST EDITION.
- G 2014 FDOT DESIGN STANDARD DESIGN LOADS

THE STRUCTURAL SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE LATEST EDITION, (2014). THE FOLLOWING SUPERIMPOSED LOADING HAVE BEEN UTILIZED:

LIVE LOAD	100 PSF
DEAD LOAD	50 PSF
	LIVE LOAD DEAD LOAD

DESIGN CRITERIA

ALL WORK SHALL CONFORM WITH THE MINIMUM STANDARDS AS SPECIFIED IN THE FLORIDA BUILDING CODE LATEST EDITION AND ASCE 7-10.

THRESHOLD INSPECTION

THE OWNER SHALL EMPLOY A QUALIFIED SPECIAL INSPECTOR TO PERFORM INSPECTIONS IN ACCORDANCE WITH THE "THRESHOLD INSPECTION GUIDELINES", ISSUED SEPARATELY BY THE ARCHITECT OR ENGINEER OF RECORD. THE SPECIAL INSPECTOR SHALL CERTIFY WITH HIS SEAL AND SIGNATURE AT THE END OF CONSTRUCTION, THAT THE CONSTRUCTION OF THIS STRUCTURE HAS BEEN COMPLETED ACCORDING TO THE PROJECT PLANS AND SPECIFICATIONS.

SPECIAL INSPECTIONS SHALL BE PERFORMED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED TO PERFORM INSPECTIONS UNDER FLORIDA THRESHOLD LAW OR HIS QUALIFIED FULL TIME EMPLOYEE.

SHOP DRAWING REVIEW

SHOP DRAWINGS WILL BE REVIEWED FOR GENERAL COMPLIANCE WITH THE DESIGN INTENT OF THE CONTRACT DOCUMENTS ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY COMPLIANCE WITH THE CONTRACT DOCUMENTS AS TO QUANTITY, LEGNTH, ELEVATIONS, DIMENSIONS, ETC.

ALL SHOP DRAWINGS SHALL BE REVIEWED BY THE CONTRACTOR PRIOR TO SUBMITTAL TO THE ENGINEER. DRAWINGS SUBMITTED WITHOUT REVIEW WILL BE RETURNED UNCHECKED.

IN ALL INSTANCES THE CONTRACT DOCUMENTS WILL GOVERN OVER THE SHOP DRAWINGS UNLESS OTHERWISE SPECIFIED IN WRITING BY THE ENGINEER OF RECORD.

REPRODUCTION OF STRUCTURAL DRAWINGS FOR USE AS SHOP DRAWINGS IS NOT PERMITTED.

ALL CHANGES AND ADDITIONS MADE ON RE-SUBMITTAL MUST BE CLEARLY FLAGGED AND NOTED THE PURPOSE OF THE RE-SUBMITTAL MUST BE CLEARLY NOTED ON THE LETTER OF TRANSMITTAL. ARCHITECT/ENGINEER REVIEW WILL BE LIMITED TO THOSE ITEMS CAUSING THE RE-SUBMITTAL.

SHOP DRAWINGS REQUIRED ENGINEERING INPUT BY SPECIALTY ENGINEER

THE FOLLOWING SYSTEM AND COMPONENTS AS A MINIMUM REQUIRE FABRICATION AND ERECTION DRAWINGS WITH INPUT BY A SPECIALTY ENGINEER:

 NETTING & CHAINLINK SYSTEM SPORTS LIGHTING POLES

SUBMITTAL SHALL CLEARLY IDENTIFY THE SPECIFIC PROJECT AND APPLICABLE CODES, LIST DESIGN CRITERIA, AND SHOW ALL DETAILS AND PLANS NECESSARY FOR PROPER FABRICATION AND INSTALLATION CALCULATIONS AND SHOP DRAWINGS SHALL IDENTIFY SPECIFIC PRODUCT UTILIZED. GENERIC PRODUCT WILL NOT BE ACCEPTED.

GENERAL NOTES

SHOP DRAWING AND CALCULATIONS MUST BE PREPARED UNDER THE DIRECT SUPERVISION AND CONTROL OF THE SPECIALTY ENGINEER.

SHOP DRAWINGS AND CALCULATIONS REQUIRE THE IMPRESSED SEAL, DATE AND SIGNATURE OF THE SPECIALTY ENGINEER. COMPUTER PRINTOUTS ARE AN ACCEPTABLE SUBSTITUTE FOR MANUAL COMPUTATIONS PROVIDED THEY ARE ACCOMPANIED BY SUFFICIENT DESCRIPTIVE INFORMATION TO PERMIT THEIR PROPER EVALUATION, SUCH DESCRIPTIVE INFORMATION SHALL BEAR THE IMPRESSED SEAL AND SIGNATURE OF THE SPECIALTY ENGINEER AS AN INDICATION THAT HE/SHE HAS ACCEPTED RESPONSIBILITY FOR THE RESULT.

DRAWINGS PREPARED SOLELY TO SERVE AS A GUIDE FOR FABRICATION AND INSTALLATION, (SUCH AS REINFORCING STEEL SHOP DRAWINGS OR STRUCTURAL STEEL ERECTION DRAWINGS), AND REQUIRING NO ENGINEERING INPUT DO NOT REQUIRE THE SEAL OF A SPECIALTY ENGINEER.

REVIEW BY THE STRUCTURAL ENGINEER OF RECORD OF SUBMITTAL IS LIMITED TO VERIFY THE FOLLOWING:

- THAT THE SPECIFIED STRUCTURAL SUBMITTAL HAVE BEEN FURNISHED.
- SPECIALTY ENGINEER.
- USED THE SPECIFIED STRUCTURAL CRITERIA. (NO DETAIL CHECK OF
 - DIMENSIONS OR QUANTITIES WILL BE MADE.)
 - CONSISTENT WITH THE CONTRACT DOCUMENTS. (NO DETAIL CHECK OF

DIMENSIONS OR QUANTITIES WILL BE MADE). SUBMITTAL NOT MEETING THE ABOVE REFERENCED CRITERIA WILL NOT BE REVIEWED

SHEET PILES

- I. ALL SHEET PILES AND PILE MISCELLANEOUS ALUMINUM WORK SHALL BE PERFORMED AS PER F.D.O.T. SPECIFICATION 455-9 AND SECTION 962.
- PILE SECTION, HE/ SHE SHALL MEET OR EXCEED THE FOLLOWING SHEET PILES REQUIREMENTS.
- SECTION TYPE SECTION MODULUS MIN. EMBEDMENT

REINFORCING STEEL

SHALL BE ASTM AG I 5 GRADE GO DEFORMED BARS, FREE FROM OIL, SCALE AND RUST AND PLACED IN ACCORDANCE WITH THE TYPICAL BENDING DIAGRAM AND PLACING DETAILS OF ACI STANDARDS AND SPECIFICATIONS. SECURE APPROVAL OF SHOP DRAWINGS PRIOR COMMENCING ANY FABRICATION.

EMBEDDED ITEMS IN CONCRETE

EMBEDDED ITEMS INCLUDING BUT NOT LIMITED TO STEEL PLATES FOR CONNECTIONS, WATER STOPS, DOVETAIL SLOTS FOR MASONRY ANCHORS, INSERTS FOR GLASS DOOR AND RAILS, DOWNSPOUT PIPES IN COLUMNS SHALL BE COORDINATED BY THE CONTRACTOR IN A TIMELY MANNER. ALL EMBEDDED STEEL PLATES FOR THE CONNECTION OF WALL FRAMING, ROOF FRAMING AND MISCELLANEOUS STEEL SHALL BE COORDINATED WITH WALL PANEL JOINTS AND OPENINGS. SUBMIT SHOP DRAWINGS AND OBTAIN ENGINEER APPROVAL PRIOR CONCRETE PLACEMENT.

CONCRETE

SHALL BE PER AN APPROVED MIX DESIGN PROPORTIONED TO ACHIEVE A STRENGTH AT 28 DAYS AS LISTED BELOW WITH A PLASTIC AND WORKABLE MIX:

4,000 PSI FOR ALL STRUCTURAL CONCRETE; WATER TO CEMENT RATIO BY WEIGHT SHALL NOT EXCEED 0.50

CONCRETE SHALL BE PLACED AND CURED ACCORDING TO ACI STANDARDS AND SPECIFICATIONS.

SUBMIT PROPOSED MIX DESIGN WITH RECENT FIELD CYLINDERS OR LAB TEST FOR REVIEW PRIOR TO USE. MIX SHALL BE UNIQUELY IDENTIFIED BY MIX NUMBER OR OTHER POSITIVE IDENTIFICATION. MIX SHALL MEET THE REQUIREMENTS OF ASTM C33 FOR COARSE AGGREGATE. CONCRETE SHALL COMPLY WITH ALL THE REQUIREMENTS OF ASTM STANDARDS C94 FOR MEASURING, MIXING, TRANSPORTING, ETC.

CONCRETE TICKETS SHALL BE TIME STAMPED WITH CONCRETE IS BATCHED. THE MAXIMUM TIME ALLOWED FROM THE TIME THE MIXING WATER IS ADDED UNTIL IT IS DEPOSITED IN ITS FINAL POSITION SHALL NOT EXCEED ON AND ONE HALF, (1 1/2), HOURS. IF FOR ANY REASON THERE IS A LONGER DELAY THAN THAT STSTED ABOVE, THE CONCRETES SHALL BE DISCARDED, IT SHALL BE THE RESPONSIBILITY OF THE TESTING LAB TO NOTIFY THE OWNER'S REPRESENTATIVE AND THE CONTRACTOR OF ANY NONCOMPLIANCE THE THE ABOVE.

ALL CONCRETE SHALL HAVE MID-RANGE WATER REDUCING ADMIXTURE CONFORMING TO ASTM C494 TYPE A. ADMIXTURES CONTAINING CHLORIDE IONS MORE THAN 0.05 PERCENT BY WEIGHT IN THE ADMIXTURE SHALL NOT BE USED. OTHERS ADMIXTURES SHALL BE APPROVED BY THE ENGINEER OF RECORD. AIR-ENTRAINING ADMIXTURES SHALL NOT BE USED IN STRUCTURAL CONCRETE.

ALL CONCRETE MIX DESIGN DESIGNS SHALL INCLUDE A WRITTEN DESCRIPTION INDICATING WHERE EACH PARTICULAR MIX IS TO BE PLACED WITHIN THE STRUCTURE.

ALL CONCRETE DESIGN MIX SUBMITTAL SHALL INCLUDE TESTED, STATISTICAL BACK-UP DATA AS PER CHAPTER 5 OF ACI 318.

CONCRETE TESTING

AN INDEPENDENT TESTING LABORATORY SHALL PERFORM THE FOLLOWING TEST ON CAST IN PLACE CONCRETE;

ASTM C143 - "STANDARD TEST METHOD FOR SLUMP OF PORTLAND CEMENT CONCRETE". MAXIMUM SLUMP SHALL BE 4" INCHES. CONCRETE CONTAINING MID-RANGE WATER REDUCED SHALL HAVE A MAXIMUM SLUMP OF 7.5 INCHES.

ASTM C39 - " STANDARD TEST METHOD FOR COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS." A SEPARATE TEST SHALL BE CONDUCTED FOR EACH CLASS, FOR EVERY 50 CUBIC YARDS, OR FRACTION THEREOF, PLACED PER DAY. REQUIRED CYLINDERS QUANTITIES AND TEST AGE AS FOLLOWS:

 I AT 7 DAYS 2 AT 28 DAYS

ONE ADDITIONAL RESERVE CYLINDER TO BE TESTED UNDEER THE DIRECTION OF THE ENGINEER. IF REQUIRED, IF 28 DAY STRENGTH IS ARCHIVED, THE CYLINDER MAY BE DISCARDED.

 THAT THE STRUCTURAL SUBMITTAL HAVE BEEN SIGNED AND SEALED BY THE THAT THE SPECIALTY ENGINEER HAS UNDERSTOOD THE DESIGN INTENT AS HAS

• THAT THE CONFIGURATION SET FORTH IN THE STRUCTURAL SUBMITTAL IS

2. SHOULD THE CONTRACTOR DECIDE TO USE A DIFFERENT SIZE OF ALUMINUM SHEET

PZH-153 OR SIMILAR APPROVALS 6.0 CU.IN./FT AS SHOWN ON PLANS AND SECTION DETAILS

PENETRATION

NO PENETRATING SHALL BE MADE IN ANY STRUCTURAL MEMBERS OTHER THAN THOSE LOCATED ON THESE DRAWINGS WITHOUT PREVIOUS APPROVAL OF THE ENGINEER.

CHEMICAL ANCHORS.

SHALL BE TWO PART EPOXY POLYMER INJECTION SYSTEM, SUCH AS RAMSET 'EPCON", RAWL "FOIL-FAST" CARTRIDGE SYSTEM, DUR-O-WALL, "DUR-O-PAIR" EPOXY ANCHOR, OR HILTI HSE2411 EPOXY DOWELING SYSTEM, OR APPROVED EQUAL. INSTALL IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. INSTALLERS SHALL BE TRAINED BY THE MANUFACTURER'S REPRESENTATIVE.

WEEPING HOLES AT SEAWALI

PROVIDE 2" DIA. WHEEP HOLE W/ PVC SLEEVE ON SHEET PILE AT 1'-O" ABOVE MEAN WATER LEVEL @ 8'-0" O.C. WITH GRAVEL BASE AND FILTER FABRIC. SEE 1/S-5 FOR DETAILS.

ALUMINUM SHEET PILE MATERIAL SPECIFICATION.	
ALUMINUM TO ASTM 6061-T6	
MARINE GRADE:	
Fu = 38 ksi Fy = 19.5 ksi E = 10000 ksi	
SHEET PILE PROFILE TO BE PZH-153	

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Question and Answers for Bid #263-11777 - Mills Pond Park Athletic Fields

Overall Bid Questions

Question 1

What's the budget on this project? (Submitted: Jun 30, 2016 7:25:26 AM EDT)

Answer

- The current funding for this project is approximately \$3.2M. However, the City will identify additional funding as necessary. (Answered: Jul 12, 2016 12:57:21 PM EDT)

- CORRECTION: The current funding for this project is approximately \$3.2M, however, the City may be able to identify additional funding if necessary. (Answered: Jul 20, 2016 4:17:28 PM EDT)

Question 2

estimate? (Submitted: Jun 30, 2016 9:35:11 AM EDT)

Answer

- The current funding for this project is approximately \$3.2M. However, the City will identify additional funding as necessary. (Answered: Jul 12, 2016 12:57:21 PM EDT)

- CORRECTION: The current funding for this project is approximately \$3.2M, however, the City may be able to identify additional funding if necessary. (Answered: Jul 20, 2016 4:17:28 PM EDT)

Question 3

What is the budget for this project? (Submitted: Jun 30, 2016 1:06:01 PM EDT)

Answer

- The current funding for this project is approximately \$3.2M. However, the City will identify additional funding as necessary. (Answered: Jul 12, 2016 12:57:21 PM EDT)

- CORRECTION: The current funding for this project is approximately \$3.2M, however, the City may be able to identify additional funding if necessary. (Answered: Jul 20, 2016 4:17:28 PM EDT)

Question 4

Is there a CAD file available? (Submitted: Jul 1, 2016 6:54:42 PM EDT)

Answer

- No. The only exception to this may be for Sports Lighting manufacturers that would like to prepare Pre-bid Submittal design packages for approval. Note that there are substitutions allowed for other Sports Lighting manufacturers to be considered an "Equal†to the Musco Lighting system being specified in the plans and specifications. The procedure for this is outlined in the General Conditions, as well as in the Specification Sections 16000, 16520, and 16530. (Answered: Jul 12, 2016 12:57:21 PM EDT)

- The CAD file for sports lighting manuf. has been added to the Documents Page in Bidsync. (Answered: Jul 20, 2016 4:20:19 PM EDT)

Question 5

The downloaded plan set has digital errors in much of the text; Detail headers and notes for example. Can corrected plans be issued ASAP? (Submitted: Jul 3, 2016 1:22:37 PM EDT)

Answer

- Acknowledged. New Plan sheets will be issued. (Answered: Jul 12, 2016 12:57:21 PM EDT)

Question 6

What does a sports lighting manufacturer do to get accepted as an equal product to what has been specified? (Submitted: Jul 7, 2016 5:55:02 PM EDT)

Answer

There are substitutions allowed for other Sports Lighting manufacturers to be considered an " Equal†to the Musco Lighting system specified in the Plans and Specifications. The procedures for this is outlined in the Specification Sections 16520, and 16530. AutoCAD files are available for Sports Lighting manufacturers that would like to prepare Pre-bid Submittal design packages for approval. (Answered: Jul 15, 2016 4:40:08 PM EDT)
Additionally, you must adhere to the requirements as indicated in the specification General Conditions item GC-03- Substitutions. The required 'Contractor's Request for Substitution' (Answered: Jul 20, 2016 4:28:27 PM EDT)
The required 'Contractor's Request for Substitution' form has been added to the Documents Page in Bidsync. (Answered: Jul 20, 2016 4:32:10 PM EDT)

Question 7

will you accept a bid for LED lights for all 3 fields if the price is comparable to HID? (Submitted: Jul 12, 2016 7:45:03 AM EDT)

Answer

- At this time please submit LED option for the proposed two (2) north fields only. (Answered: Jul 15, 2016 4:40:08 PM EDT)

Question 8

What is the specification for the area light to be mounted on the sports lighting pole? (Submitted: Jul 14, 2016 10:40:27 AM EDT)

Answer

- The area light (or security light) to be mounted on the sports lighting poles is a LED floodlight. For more specifications pertaining to this light fixture, please refer to the technical specification sections 16520 and 16530 for the HID and LED Sports Lighting, under sections 2.05 and 2.03 respectively, for the LED Security Lighting. In addition, please see sheets E - 22 and E - 23 for the photometric requirements for these LED security lights. In addition, we have issued a revision to the technical specification section 16530 in order to correct the light poles for the security lights. Please also see the revised plan sheets included in the Addendum 3. (Answered: Jul 21, 2016 12:24:35 PM EDT)

Question 9

E18 of the Addendum 2 Set still has the Font Conversion error. Can you please submit a correct plan page. (Submitted: Jul 14, 2016 11:03:57 AM EDT)

Answer

- Revised sheet shall be included in Addendum 3 (Answered: Jul 20, 2016 12:00:43 PM EDT)

- Corrected sheet was not part of addendum 3 - it has been uploaded onto the Documents page as a stand alone document. (Answered: Jul 27, 2016 9:23:21 AM EDT)

Question 10

Section 01025- Measurement and Payment - Option D(LED Upgrade for A&B Fields) : Contractor will submit two Prices one for Option #1 (Fields Only) and one for Option #2 (parking Lot Only)? (Submitted: Jul 14, 2016 11:17:11 AM EDT)

Answer

- No. The Contractor shall submit one price for the cost to upgrade to LED Sports Lighting for the Fields (A & B) Only (Answered: Jul 15, 2016 4:40:08 PM EDT)

Question 11

There is no drawings for Demolition Option#5, can we use Sheer no. C03 for Option #3 ? (Submitted: Jul 15, 2016 11:27:08 AM EDT)

Answer

- Yes. There are not separate sheets for the Demolition plans for Option #5 and Option #6. Please use sheet C-03 (Option #3) for Option #5, as well, and use sheet C-04 (Option #4) for Option #6. Please also refer to the two Notes for Options 5 and 6, that are included on both sheets, C–03 and C-04, for the specific notes pertaining to the demolition of Options 5 and 6. (Answered: Jul 20, 2016 12:00:43 PM EDT)

Question 12

REQUEST FOR INFORMATION RFI No.: 002 Subject: Drawing SP07 Descriptions Date: 7-14-2016 Project: Mills Pond Park Athletic Fields Reference: Site Drawings SP07 Question: 1- CL Fencing Details callouts are not coordinated.

2- Bike Detail notes are unreadable.

Please correct and re-issue drawing. (Submitted: Jul 15, 2016 2:22:54 PM EDT)

Answer

- Individual 8-1/2†x 11†PDFs of the two specific details, one for the Bike Rack and one for the Chain Link Fence shall be included in Addendum 3 (Answered: Jul 20, 2016 12:00:43 PM EDT)

Question 13

Refer to drawing SP03. Along the South side of the field it calls for netting and refers to Spo7 for the detail. The Detail indicates a 6' CL Fence with 15' of Netting above. dos this mean wherever, sports netting is shown that the CL Fence is also required?

Please Clarify. (Submitted: Jul 15, 2016 2:37:18 PM EDT) Answer

- Yes (Answered: Jul 20, 2016 12:00:43 PM EDT)

Question 14 Reference Drawing SP07- Chain Link Detail Additional Keynote References are indicated as: 0166-10

0187-10

0187-20

What does this mean? Please clarify. (Submitted: Jul 15, 2016 3:12:24 PM EDT)

Answer

- The numbers reference additional general notes from the manufacturer. We have provided those notes below. Reference # Description

01.66.10 Contractor is responsible to comply with product(s) manufacturer's recommendations for delivery, storage and handling. Products damaged prior to final acceptance shall be replaced with new, at no cost to the Owner.

01.87.00 - EQUIPMENT AND FURNISHINGS PERFORMANCE REQ.

01.87.10 All product details contained herein are considered current at the time of development, but must be reviewed and approved by the product manufacturer to be considered accurate. Some items on details have been modified to a higher standard than the minimum requirements. Contractor shall adhere to this higher standard unless written authorization from Owner's Representative is provided.

01.87.20 Product(s) shall be installed in compliance with manufacturer's written instructions & specifications, by experienced gualified (Certified or recommended by manufacturer) installer(s). (Answered: Jul 21, 2016 12:24:35 PM EDT)

Question 15

SP01 calls for access openings in the rope fence. Review of the rope fence detail on drawing SP07 doe not indicate an opeing for the rope fence. Please provide a detail on how this opening should be constructed. (Submitted: Jul 15, 2016 3:28:56 PM EDT)

Answer

- The plans call for these access openings to just be open at this time. It will be up to the City staff to decide if they want anything (i.e. gates, chains, or ropes) to go across these openings. Thus, this item is NOT included in the Contractor's work for this project. The width of the openings in the rope fence shall be 5'-0†for pedestrian access and 12'-0†for maintenance vehicles. The openings for the Optional parking areas shall be as shown on the plans. (Answered: Jul 20, 2016 11:45:41 AM EDT)

Question 16

Drawing C26 indicates wheel stops, however no detail is shown as to whether this is a precast wheel stop, the length desired, etc. please provide details. (Submitted: Jul 18, 2016 12:16:58 PM EDT)

Answer

- Yes, the wheel stops have been specified as precast concrete wheel stops with a max, height of 5-1/2". This note is called out on the Detail #2 on Sheet SP-07, titled "Typical Permeable Paver Parking Striping Detail. A new cut sheet will be included in Addendum 3 (Answered: Jul 20, 2016 11:45:41 AM EDT)

Question 17

Drawing C26 indicates cross hatching and HC Symbols how is this accomplished on pavers?? Please clarify. (Submitted: Jul 18, 2016 12:18:02 PM EDT)

Answer

- All of the striping for the parking areas is to be done using permeable pavers in the appropriate colors. Please refer to the Detail #2 on Sheet SP-07, titled "Typical Permeable Paver Parking Striping Detail for more information on this. (Answered: Jul 20, 2016 11:45:41 AM EDT)

Question 18

Drawing C06 indicates an 1-1/2" polytube water service from the existing 8" WM at the roadway to n island. What is this polytube water service for?? Is there a water fixture to be provided at the island? Please clarify and provide details on how this polytube is terminated. (Submitted: Jul 18, 2016 12:40:34 PM EDT) Answer

- The contractor is to install a 1-1/2" service pipe, Meter Box and Angle Stop for future 1" meter connection. See detail "Typical Water Service Installation - 300" on sheet C 16. An additional 1" diameter, 30" long Copper Tailpiece to be installed and plugged both ends at the Island. This service is for a future building not included in this project. This service/stub out only becomes necessary if the optional parking areas shown in the Option #2 plans are built. It should not be included in Option #1 (Answered: Jul 20, 2016 11:45:41 AM EDT)

Question 19

Refer to Drawing C06. There is 70 If of 6" sanitary sewer indicated from the road to a6" cleanout is this san sewer for the future Restroom Building that is shown on SP02?

Is the Future Restroom building planned for Option 1? (Submitted: Jul 18, 2016 12:51:31 PM EDT)

Answer

- This proposed sanitary service is for a future building not included in this project. This service is to be installed and plugged per detail "Typical Cleanout Installation -209" on sheet C18. This proposed sanitary service/stub out only becomes necessary if the optional parking areas shown in the Option #2 plans are built. It should not be

included in Option #1. (Answered: Jul 20, 2016 11:45:41 AM EDT)

Question 20

Drawing C06 notes "Concrete sidewalk to be 6" when it crosses maintenance access" Maintenance Access is not indicated on this drawing.

Please clarify. (Submitted: Jul 18, 2016 1:08:32 PM EDT)

Answer

- The maintenance access is shown as a hatched area per the legend on the Paving and Drainage Plans. The maintenance access is also shown on the Site Plans, SP01 thru SP06. The maintenance access crosses over a proposed concrete sidewalk in two places on the plans (at the north fields, per Option #2, sheets Câ€'6 & SP 2, and at the south field, for Options #4 and #6, sheets C-8 & C-10 and SP 4 & SP 6). Please see the attached PDFs with the 6†thick sidewalk areas highlighted. Please also refer to the details on sheet C-14. (Answered: Jul 21, 2016 12:24:35 PM EDT)

Question 21

Refer to Drawing C06. At the West side of the proposed souh parking lot the plan calls for a 24" high concrete edge, Yet on the north side of that parking lot at that area it calls for the special curb and also on the south side in the same area. It is difficult to tell where the 24" curb start and stops on the plans. Can you please clarify by indicating different lines for the 24" edge curb and the special curb. This occurs at several locations. (Submitted: Jul 18, 2016 1:21:41 PM EDT)

Answer

- The 24†tall, Concrete Edger starts at the existing edge of pavement and ends at where the leader/arrow is pointing for the proposed 3â€[™] transition. The 3â€[™] transition from the 24†tall, Concrete Edger to the Special Type â€[®]Dâ€[™] Curb starts at where the leader/arrow is pointing and goes in the direction towards the Special Type â€[®]Dâ€[™] Curb around the permeable paver parking areas. Also, the Special Type â€[®]Dâ€[™] Curb transitions to the 24†tall, Concrete Edger again where the Maintenance Access is proposed to leave the parking areas. Please see the attached PDFs with the flush Concrete Edger and the Special Type D Curb areas highlighted. Please also refer to the details on sheet C·14. (Answered: Jul 21, 2016 12:24:35 PM EDT)

Question 22

For option 3, 4, 5 & 6 it is not clear if there is an existing rope fence along the North side of the road that needs to be removed?

Please clarify if there is removal of existing rope fence? (Submitted: Jul 18, 2016 5:14:48 PM EDT) Answer

- The existing rope fence on the east side of the roadway extends approximately 150 feet north of the existing restroom building. This portion of existing rope fence remains for Options 3 and 5 (see SP-3 & SP-5). For Options 4 and 6, there is a small portion of the existing rope fence that will have to be removed for construction of the driveway into the parking area (see SP-4 & SP-6). The existing rope fence shown on the west side of the roadway shall remain for all options (Answered: Jul 20, 2016 11:45:41 AM EDT)

Question 23

For options 3,4,5 & 6 it is not clear where the proposed fence will start and end along the north side of the road. Please clarify. (Submitted: Jul 18, 2016 5:15:46 PM EDT)

Answer

- The existing rope fence on the east side of the roadway extends approximately 150 feet north of the existing restroom building. All other rope fence shown within the project limits for Options 3, 4, 5, & 6 is proposed. The existing rope fence shown on the west side of the roadway shall remain for all options. (Answered: Jul 20, 2016 11:45:41 AM EDT)

Question 24

When will Sprinturf be approved as a synthetic turf product and synthetic turf installer ? (Submitted: Jul 19, 2016

7:40:03 AM EDT) Answer

- We have not received a Pre-bid Submittal package from Sprinturf (or any other synthetic turf manufacturer) at this time. Once we have received a completed package, we will review the submittal in a timely fashion. This will probably be within 3 to 5 business days. However, the results of the review will posted on Bid Sync not later than 7 days prior to bid opening (Answered: Jul 20, 2016 11:45:41 AM EDT)

Question 25

When will the pre-bid sign in sheet be posted? (Submitted: Jul 19, 2016 9:19:43 AM EDT)

Answer

- It is now on the documents page in bidsync (Answered: Jul 20, 2016 12:00:43 PM EDT)

Question 26

Is there a detail for the maintenance access road shown on Drawing C05 on the north and south sides. How CAM 1

wide is this maintenance access road? Is there any base rock required? Please provide a detail. (Submitted: Jul 19, 2016 9:35:10 AM EDT)

Answer

- Yes. There is detail for it on sheet C · 14. It is typically 12' wide. There are no specific requirements for base rock. (Answered: Jul 21, 2016 12:24:35 PM EDT)

Question 27

The City of Ft Lauderdale has used and accepted other permeable interlocking pavement products; specifically PaveDrain. Will they allow an alternate to the specified permeable pavers for a product called PaveDrain? (Submitted: Jul 19, 2016 10:14:06 AM EDT)

Answer

- Please see SECTION 02780, PERMEABLE INTERLOCKING CONCRETE PAVERS in the technical specifications. NO alternates will be allowed. (Answered: Jul 21, 2016 12:24:35 PM EDT)

Question 28

Civil sheet C13. Permeable Paver Parking Lot Detail calls out for 2" of a 1/4" washed, crushed stone directly under the pavers. What aggregate gradation # is required here, what is the minimum % of fines and what void space is required to allow water to infiltrate vertically? (Submitted: Jul 19, 2016 10:20:05 AM EDT)

Answer

 Please see SECTION 02780. PERMEABLE INTERLOCKING CONCRETE PAVERS in the technical specifications. The aggregate gradation requirement is specified in Section 02780. (Answered: Jul 21, 2016 12:24:35 PM EDT)

Question 29

For the referenced permeable pavers, what is the required inches per hour of infiltration and will the system be tested upon installation to guarantee said rate? (Submitted: Jul 19, 2016 10:23:47 AM EDT)

Answer

- The permeable pavers are to be installed per the plans, details and specifications for this project. Inspections and testing are required, and will be performed during the construction activities. Please refer to SECTION 02780, PERMEABLE INTERLOCKING CONCRETE PAVERS in the technical specifications for details. A specific infiltration rate is not specified and the system will not be tested upon installation to guarantee a specific rate. The system will only be tested per SECTION 02780 and the Contractor will be liable for defects and any nonconformance. (Answered: Jul 21, 2016 12:24:35 PM EDT)

Question 30

Refer to Dwg C21 & C22. Dwg C21 indicates one (1) Construction Entrance. Dwg C22 indicates two (2) construction entrances. Why is it necessary for two construction entrances which are right next to each other? Please clarif6y. (Submitted: Jul 19, 2016 12:01:51 PM EDT)

Answer

- This is the way that the plans have been approved. The contractor shall bid on the project based on the number of Construction Entrances as shown on the plans. (Answered: Jul 21, 2016 12:24:35 PM EDT)

Question 31

Will the Pre-Bid Meeting Sign in Sheet be posted shortly? (Submitted: Jul 19, 2016 1:03:52 PM EDT) Answer

- It has been added to the Documents Page (Answered: Jul 20, 2016 11:45:41 AM EDT)

Question 32

Based on Question #4 and its answer - there is a CAD File available for Sports lighting manufactures - where would you get this? Could you provide contact person for this information (Submitted: Jul 19, 2016 3:13:51 PM EDT) Answer

- The CAD file for sports lighting manuf. has been added to the Documents Page in Bidsync. (Answered: Jul 20, 2016 4:50:56 PM EDT)

Question 33

When will the attendees list for the pre-bid conference be available? (Submitted: Jul 19, 2016 5:21:31 PM EDT) Answer

- It is on Documents Page in Bidsync (Answered: Jul 20, 2016 12:05:53 PM EDT)

Question 34

General Condition, Page GC-7 and item GC-16 : Florida East Coast Right -Of-Way insurance : is that applicable for this project? please confirm. (Submitted: Jul 20, 2016 10:46:18 AM EDT) Answer

- Item GC-16 is not applicable for this project. (Answered: Jul 20, 2016 4:50:56 PM EDT)

Question 35

Refer to Drawing C27. No stop signs are called out on this drawing are they required? Please clarify (Submitted: Jul 20, 2016 11:12:14 AM EDT)

Answer

- Yes. There are stop signs to be included on this sheet (C 27). Due to a technical problem with the PDFs for the bid set, the stop signs did not print out correctly on this sheet. Generally, there shall be a stop sign at the location of each stop bar shown on the plan. In addition, as part of Addendum 3, we have re-issued a new plan sheet, C 27, for clarification purposes. There have been no other changes made to this sheet. (Answered: Jul 21, 2016 12:24:35 PM EDT)

Question 36

Where can the "Contractor's Request for Substitution" form be found? (Submitted: Jul 20, 2016 2:10:48 PM EDT) Answer

- This has been uploaded to the Documents Page (Answered: Jul 20, 2016 2:41:09 PM EDT)

Question 37

The plans labeled 263-1177 Mills Pond Lighting Plan are not associated with a program extension. What type of file is this? (Submitted: Jul 21, 2016 11:00:56 AM EDT)

Answer

- The file is AutoCAD .dwg file format. (Answered: Jul 21, 2016 12:24:35 PM EDT)

Question 38

Can #89 Stone be used in lieu of #10 stone for top layer of drainage (Submitted: Jul 22, 2016 3:46:54 PM EDT) Answer

- Yes (Answered: Jul 26, 2016 1:48:45 PM EDT)

Question 39

Are 12" flat drains wrapped in typar fabric acceptable to be laid on geotextile fabric? ex. ADS AdvanEdge flat drain (Submitted: Jul 22, 2016 4:09:54 PM EDT)

Answer

- No. Please bid on the drainage as specified in the plans. No alternates will be allowed. (Answered: Jul 26, 2016 1:48:45 PM EDT)

Question 40

Can excess dirt be left on-site for future maintenance use or is there a nearby park/ school that dirt can be hauled to? (Submitted: Jul 25, 2016 3:43:10 PM EDT)

Answer

- No. All excess dirt is to be hauled away. (Answered: Jul 26, 2016 1:48:45 PM EDT)

Question 41

Under Option B of the Bid form we are to add the permeable parking for Field C per Drawing SP04, C04, IR04 and L04. Are we to add the additional lineal feet of netting and fencing per SP04 to Option B?? Please clarify.

This also occurs at Option C bid as well. (Submitted: Jul 25, 2016 4:36:28 PM EDT)

Answer

- Yes. The additional netting and fencing shown on SP 04 should be included in your price for Option B on the bid form. The same is true for your price for Option C on the bid form. (Answered: Jul 26, 2016 1:48:45 PM EDT)

Question 42

Please verify requested stone profile; typical profiles are 5" of #57 & 1" of #89.

2" of #89 will result in a loose top base, may be rejected by turf companies. (Submitted: Jul 25, 2016 5:04:18 PM EDT) Answer

- Bid submittal shall be based on current plans, stone profile, details and specifications. (Answered: Jul 28, 2016 2:58:46 PM EDT)

Question 43

E-18 was not re-issued in Addendum 3 and still has the font conversion errors. Please re-issue. (Submitted: Jul 26, 2016 3:44:47 PM EDT)

Answer

- Corrected sheet has been uploaded to the Documents Page of Bidsync. (Answered: Jul 27, 2016 9:23:21 AM EDT)

Question 44

The 8" vertical connections from the flat drains to the 12" perf. pipe comes standard in 4" or 6", 8" is not an option please advise. (Submitted: Jul 26, 2016 4:32:18 PM EDT) Answer

City of Fort Lauderdale

- : Instead of the 8†vertical tap that is labeled in the detail, 12†Corru Tap, PVC Riser Pipe and Fittings shall be installed per the manufacturer's products and recommendations. The size of the specific connectors shall be per the manufacturer's products and recommendations. In addition, please refer to the technical specification section 02632-3 2.02 Pipe Fittings and 02632-4 3.01 Installation and Construction Requirements. (Answered: Jul 28, 2016 2:58:46 PM EDT)

Question 45

Sheet C14 12" Field Collector detail: typical field flat drains are laid on top of fabric, please clarify (Submitted: Jul 26, 2016 4:41:00 PM EDT)

Answer

- The geo textile fabric (under the whole field) will go under the horizontal flat drainage pipe (in the notch that is created for it). The flat drainage pipe comes wrapped in its own fabric. (Answered: Jul 28, 2016 2:58:46 PM EDT)

Question 46

Clarify turf field thickness, infill weight, fiber type, pile height etc. (Submitted: Jul 26, 2016 4:51:37 PM EDT) Answer

- Refer to the technical specification section 02863 -2 2.01 for the Synthetic Turf Grass minimum standards. (Answered: Jul 28, 2016 2:58:46 PM EDT)

Question 47

Will FPL install the concrete pad for the new FPL Transformer? (Submitted: Jul 27, 2016 9:40:39 AM EDT)

Answer

- Yes (Answered: Jul 28, 2016 4:13:18 PM EDT)

Question 48

If FPL does not install transformer pad please furnish size, thickness and details of pad. (Submitted: Jul 27, 2016 9:41:55 AM EDT)

Answer

- FPL will install transformer pad. (Answered: Aug 2, 2016 9:54:15 AM EDT)

Question 49

Detail on Drawing C14 indicates the 1x12 Flat Drainage to be installed into subgrade under the geotextile fabric. The 1x12 Flat panels need to be installed atop the geotextile fabric. All the fields we have installed we place the 1x12 panels atop the geotextile fabric. By this method you have the full portion of the panels to absorb the water drainage.

Is it intent to have the top of the flat panels flush with subgrade and below the geotextile fabric? Please clarify. (Submitted: Jul 27, 2016 10:26:12 AM EDT)

Answer

- No. The intent is to have the top of the flat panels flush with the subgrade and ABOVE the geo textile fabric. Also, see the response to question #45. (Answered: Jul 28, 2016 4:13:18 PM EDT)

Question 50

What is the length of sheet piling we need to install for the retaining wall for Field A & B? General Notes on Drawing S-1 Sheet Piling Note 2 indicates min. embedment as shown on plans and section details. Sections and plans do not indicate the minimum embedment required.

Please clarify. (Submitted: Jul 27, 2016 10:53:01 AM EDT)

Answer

- . The length will depend on the shop drawings and calculations from your Structural Engineer. Please refer to section 1 on sheet S-5 (typical section) minimum embedment 14'--0 below the lower side grade. Coordinate the minimum grade elevation, the finish cap elevation, and minimum 5†embedment into the cap, to calculate the overall length of the sheet.

Generally, the plans indicate a minimum of 14â€[™] embedment below the existing grade at the wall, which is approximately elev. 1.0, and the proposed top of wall grade is elev. 4.9. Thus, the minimum overall length of the panels would be about 18â€[™]. (Answered: Jul 28, 2016 4:13:18 PM EDT)

Question 51

Drawing E02 Electrical Rack Fence Enclosure indicates a 3'x6' swing gate with a fence transom over the gate. Can we provide a 3'x8' gate and eliminate the transom?

Please clarify. (Submitted: Jul 27, 2016 11:11:16 AM EDT)

Answer

- Yes (Answered: Jul 28, 2016 4:13:18 PM EDT)

Question 52

Drawing E07 indicates conduit to be installed across the road to the existing Irrigation pumps. Can the road be open cut or should the conduit be installed via directional bore.

Please clarify. (Submitted: Jul 27, 2016 12:37:23 PM EDT) Answer

- Open cut will be allowed (Answered: Jul 28, 2016 4:13:18 PM EDT)

Question 53

Electrical drawing E07 (Option 3) indicates new conduit, junction boxes and wire from existing electrical room & motor control to existing irrigation pump. Electrical drawing E09 (Option 5) indicates existing conduit to irrigation pump to remain.

Does the existing conduit & wire per E09 need to be removed for Option 3 & Option 4? Please clarify. (Submitted: Jul 27, 2016 1:32:56 PM EDT)

Answer

- On sheets E 07 and E 08 (for Options 3 & 4 with synthetic turf field), the existing conductors are to be removed from the pull box on the west side of the field to the irrigation panel along with the pull box on the east side of the field, and the conduits may be abandoned in place. On sheets E 09 and E 10 (for Options 5 & 6 with natural grass field), the existing conductors and conduit to the irrigation pump are to remain. See the notes on the drawings. (Answered: Jul 28, 2016 4:13:18 PM EDT)

Question 54

Drawing E03 (Option 3) indicates an empty conduit from the electrical rack to the future restroom building. Two (2) locations indicate 2" PVC conduit whereas at the future location of the restroom building it is indicated to be 4" PVC conduit. Do you require two different sizes? Please clarify where 4" PVC conduit starts and ends and where 2" Conduit start and ends? (Submitted: Jul 27, 2016 1:45:10 PM EDT)

Answer

- No, there are not two different sizes. There is only one 2†conduit for the future restroom building. (Answered: Jul 28, 2016 4:13:18 PM EDT)

Question 55

What is the difference between drawing E05 & E06 (Both Option 2) other than one is HID (E05) and the other is LED (E06). Overlay of these drawings do not indicate any difference in conduit routing.

Please clarify the differences between these two drawings?

Is Bid Option D is limited to Sports Lighting and not parking lot lighting? (Submitted: Jul 27, 2016 2:02:57 PM EDT) Answer

- The only difference is the HID versus LED Sports Lighting. The Bid Item Option D is only for the Sports Lighting. (Answered: Jul 28, 2016 4:13:18 PM EDT)

Question 56

electrical Drawing E05 Option 2 indicates there is lighting for the parking lots. Where are the light poles specified as to light pole, light fixtures?

The same condition occurs for Field C under E08 Option 4 & E10 Option 6.

Please clarify (Submitted: Jul 27, 2016 2:08:06 PM EDT)

Answer

- The detail for the parking lot light poles and fixtures is shown on sheet E 18. (Answered: Jul 28, 2016 4:13:18 PM EDT)

Question 57

Please clarify the turf field perimeter drainage trench dimensions, over excavating the trench for just a 12" pipe is cost prohibitive. (Submitted: Jul 27, 2016 2:38:22 PM EDT)

Answer

- The perimeter drainage trench dimensions are approximately 5'-0†wide by 5'-0†deep. Please base your bid on this size. (Answered: Jul 28, 2016 4:13:18 PM EDT)

Question 58

Detail 3/S-5 indicates a 60" ground sleeve required for the netting poles. What is the purpose of this sleeve, since the CL Fencing will be attached to the netting poles and in order to remove the netting poles the CL fence would have to be removed.

Please clarify. (Submitted: Jul 27, 2016 3:09:22 PM EDT)

Answer

- The purpose of the ground sleeves is for the ease of installation of the netting poles for the contractor (per the recommendations of the manufacturer). They are optional, and the contractor may choose to install the netting poles and concrete footings without the sleeves. The netting can be lowered without removing the netting poles and the chain link fence. (Answered: Jul 28, 2016 4:13:18 PM EDT)

Question 59

Drawing SP07 Chain Link Detail Note 12 indicates refer to structural drawings for the line post of the 6' high CL fence. The Structural drawings indicate a foundation for the netting pols of 5'10" deep x 24" diameter. What is the CAM 16-1143

size desired for the CL Fence?

Please clarify. (Submitted: Jul 27, 2016 3:14:14 PM EDT) Answer

- The size of the foundation for the line posts will depend on the shop drawings and calculations from your Structural Engineer. Please refer to Detail 4 on the Structural Drawings, sheet S-5. The approximate size of the footing shall be 4â€[™]-4†deep by 1â€[™]-0†wide. (Answered: Jul 28, 2016 4:13:18 PM EDT)

Question 60

Can we propose an alternate for the parking lots fixtures? (Submitted: Jul 27, 2016 5:20:24 PM EDT)

Answer

- No alternates will be allowed. (Answered: Jul 29, 2016 12:22:54 PM EDT)

Question 61

Drawing E02 Electrical Rack ER2 Plan refers to Drawing C14 for Concrete Slab Detail. There is no detail for the concrete slab on Drawing C14.

Please clarify. (Submitted: Jul 28, 2016 11:16:59 AM EDT)

Answer

- There is a 6" concrete slab with thickened edge specified for the electrical rack. There is a Detail called Concrete Slab on Grade on sheets C 14 for this. (Answered: Jul 29, 2016 12:22:54 PM EDT)

Question 62

Sheet C13 Section J-J is not shown as a cross section on either field.

Please clarify that this corresponds to the area between north fields. (Submitted: Jul 28, 2016 12:01:11 PM EDT) Answer

- Yes. Section J - J on sheet C 13 is the cross section that corresponds to the area between the two north fields. Revised plans showing the correct labels for the section location will be issued in an Addendum. (Answered: Jul 29, 2016 12:22:54 PM EDT)

Question 63

Can athletic fields be worked on simultaneously? (Submitted: Jul 28, 2016 12:08:28 PM EDT)

Answer

- Yes (Answered: Jul 29, 2016 12:22:54 PM EDT)

Question 64

clarify where the 18" & 12" curb starts and stops, plans are unclear. (Submitted: Jul 28, 2016 12:41:45 PM EDT) Answer

- 18†deep curb is applicable to Sections C-C, I-I, and H-H. Exhibits with red lines showing the limits of 18†deep curb along the Synthetic Turf Fields have been added to the Documents Page (C05 and C97 Drainage Plans). (Answered: Jul 29, 2016 2:29:30 PM EDT)

Question 65

On the payment method what type of Visa or Master Credit Card is being used. Is it a Business Card, Corporate Card or Purchasing Card?

We need to know so we can determine the interchange rate.

Please clarify. (Submitted: Jul 28, 2016 1:04:53 PM EDT)

Answer

- Purchasing Card (Answered: Jul 29, 2016 2:39:17 PM EDT)

Question 66

Are all the sidewalks 5' wide? Drawing C07 & C09 do not state the width. Yet, Drawing C10, indicates 5' wide at parking areas.

Please clarify. (Submitted: Jul 28, 2016 1:13:41 PM EDT)

Answer

- Yes. All of the sidewalks are 5'-0†wide. (Answered: Jul 29, 2016 12:22:54 PM EDT)

Question 67

Drawing C14 sidewalk details indicate the sidewalks have no thickened edges nor reinforcement. Yet, on the same drawing detail entitled "Slab on Grade" indicates thickened edges and #4@12 EW rebar.

Do the sidewalks have reinforcement or any thickened edges? (Submitted: Jul 28, 2016 1:22:27 PM EDT) Answer

- No. The 5â€[™] sidewalks do not have any reinforcement or thickened edges. The "Slab on Grade†detail is for the new electrical rack/service at the north fields only. (Answered: Jul 29, 2016 12:22:54 PM EDT)

Question 68

Sheet piling vendors are asking why you are asking for aluminum sheet piling? They are asking if Steel Sheet

piling can be used since it is more readily available.

Please clarify why the need for aluminum sheet piling? (Submitted: Jul 28, 2016 3:59:35 PM EDT)

Answer

- Since these walls are going to be visible to all park users, we do not want to have them rust-stained (Answered: Jul 29, 2016 12:22:54 PM EDT)

Question 69

We do not see a specification for the sheet piling other than the general notes on the Structural set of drawings. Are you planning on issuing a specification? (Submitted: Jul 28, 2016 4:23:37 PM EDT)

Answer

- Aluminum sheet pile material specification: Aluminum to ASTM 6061-T6 Marine Grade Fu = 38ksi Fy = 19.5ksi E= 10000ksi Sheet pile profile to be PZH -153. (Answered: Aug 2, 2016 9:54:15 AM EDT)