



**To: All Vendors Bidding on The College of New Jersey  
Field Hockey/Lacrosse E-Layer Replacement Project**

**From: The College of New Jersey**

**Date: August 18, 2020**

**ADDENDUM NO. 1**

**ISSUE DATE: August 18, 2020**

**REFERENCE:** The College of New Jersey  
Field Hockey/Lacrosse E-Layer Replacement Project  
Bid No. AB200033

**INTENT:** This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents and Prior Addenda if any, as identified above. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

#### **CLARIFICATIONS:**

1. The following is added to Specification Section 321823, Subsection 2.3, "Base and Finishing Stone":

"Base stone may also be composed of  $\frac{3}{4}$ " clean stone (#57) meeting the following gradation:

<u>Sieve</u>	<u>Percent Passing</u>
1-1/2" (37.5mm)	100
1" (25mm)	95-100
1/2" (12.5mm)	25-60
#4 (4.75mm)	0-10
#8 (2.36mm)	0-5"

2. The project will include the installation of a wood nailer board in accordance with the detail attached.
3. The stabilized construction entrance as shown on Sheet 4 of 5 of the plans is deleted. Construction access will be through the existing construction access. Steel plates or other method acceptable to the College shall be used to protect the existing sidewalk and curb at this location. Any damage to existing surfaces to remain shall be repaired by the Contractor at no additional cost to the College. Please see the revised construction entrance detail attached.
4. The turf system being supplied under a separate contract will be Astro Turf Poligrass Platinum.

**CONTRACTOR QUESTIONS:**

1. I do not see any artificial turf specs or requirements for this bid. Is the turf included? If not, has the turf already been purchased?

**Response:** Turf has already been purchased under a separate contract. The turf to be supplied will be Astro Turf Poligrass Platinum as noted in Clarification #4 above.

2. At the pre-bid meeting, the date for substantial completion is September 11<sup>th</sup>, 2020. With a bid date of August 26<sup>th</sup>, 2020 and assuming a day or two for award and NPT, the completion date as it sits now is untenable. Can we get an extension on the completion date?

**Response:** Please be advised that the date for substantial completion is extended to October 30, 2020.

3. There is a requirement for a 20-year warranty on the E-layer. This is an unprecedented request and cannot be honored as written. We are to warrant that the GMAX of 200 will not be compromised for the turf system that we do not have control over.

**Response:** Specification Section 321823, Subpart 1.3.N, "Warranties", is hereby revised to read as follows: "The Contractor shall provide a warranty to the Owner that covers defects in materials and workmanship of the e-layer for a period of ten (10) years from the date of substantial completion."

The first sentence of Specification Section 321823, Subpart 1.6.B is hereby revised to read as follows: "The Contractor shall provide a warranty to the Owner that covers defects in materials and workmanship of the e-layer for a period of ten (10) years from the date of substantial completion."

Specification Section 321823, Subpart 1.6.C.6 is hereby revised to read as follows: "Warranty Period: Ten (10) years from date of substantial completion and acceptance by the Owner."

4. The E-layer contractor is to pay for testing for the lifetime of the warranty (20 years). Will the contractor be responsible for securing the testing or will the College select the testing agency? How can the E-layer contractor be responsible for testing a final product that they are turning over before completion?

**Response:** The e-layer Contractor is not responsible to pay for testing for the lifetime of the warranty. That testing is covered under the synthetic turf contract.

5. The specifications state that if the turf field is replaced, the testing no longer has to be done under this requirement. How is the bidder supposed to price the annual testing if we don't know how long the turf will be in place.

**Response:** The e-layer Contractor is not responsible to pay for testing for the lifetime of the warranty. That testing is covered under the synthetic turf contract.

6. Who is responsible if the E-layer formula does not pass FIH testing?

**Response:** The Contractor is responsible if the e-layer formula does not pass FIH testing.

7. Is this field to be built to FIH testing standards, or is it to be tested for FIH certification?



**Response:** The field is to be built to FIH specifications and is anticipated to not be tested for FIH certification at this time.

8. The time frame for completion is extremely tight considering the amount of materials being exported and imported along with possible drainage repairs/testing. Can the completion date for the stone base and E-layer be extended 30-45 days?

**Response:** Please be advised that the date for substantial completion has been extended to October 30, 2020.

9. Please provide an edge detail (nailer board?) for the synthetic turf and is it part of this bid?

**Response:** Please see Clarification #2 above and attached detail.

10. Will an all rubber 26mm e-layer or prefabricated shockpad be considered acceptable? An all rubber E-layer could be a potential cost saving to TCNJ, typically most new fields requiring E-layers or prefabricated "shock" pads are constructed with all rubber.

**Response:** Alternate e-layers will not be considered for approval. The College will only accept a poured-in-place e-layer.

11. What method and quantity of testing is to be performed on the stone base and E-layer (3 ring infiltration)?

**Response:** A minimum of thirty (30) 3-ring infiltration tests are to be performed equally spaced across the field. Exact locations to be confirmed by the Engineer in the field.

12. Please confirm the unit price for 8" pipe removal and replacement is for "if and where" directed and not to be included in the base bid.

**Response:** The cost for the full replacement of the 8" perimeter perforated pipe shall be included in the lump sum base bid. The unit price requested is to be used to calculate a credit should it be determined that either a portion or all of the pipe is in good condition and does not need to be replaced.

13. Is this project under the jurisdiction of NJPMC?

**Response:** No.

14. Drawings identify "curb by others," who are others? The curb and the nailer board are not included in the AstroTurf scope of work.

**Response:** The curbing has been inspected and found to be in good condition and will not need replacement. The nailer installation will be included as part of this project. Please refer to the clarification section of this addendum above, question #9 above and the attached detail.

15. Current curb drawings do not reflect the current conditions. Show proposed curb details and turf attachment area.

**Response:** Please refer to the clarification section of this addendum above and question #9 above.

16. I would recommend revising the stone base to include less fines and include an 8" dynamic stone base. The current stone base specs will get choked with too many fines.



**Response:** In addition to the existing base stone specification,  $\frac{3}{4}$ " clean stone can be used as the base stone material. Please refer to the clarification section of this addendum above.

17. Who is responsible if the given e-layer formula fails?

**Response:** The Contractor is responsible if the e-layer formula fails.

18. Revise the 20-year warranty requirement for the e-layer. No company will put a 20-year warranty on their e-layer and will only drive up the price of the project dramatically.

**Response:** Please see the response to question #3 above.

19. Remove and replace the perimeter pipe. This will save cost and allow for proper pitch of panels compared to the scoping of the pipes that is currently being recommended.

**Response:** Please see the response to question #12 above.

20. There is a difference between FIH certification and FIH testing standards, which is it that you are looking for? This current design will not get you a certification.

**Response:** Please see the response to question #8 above.

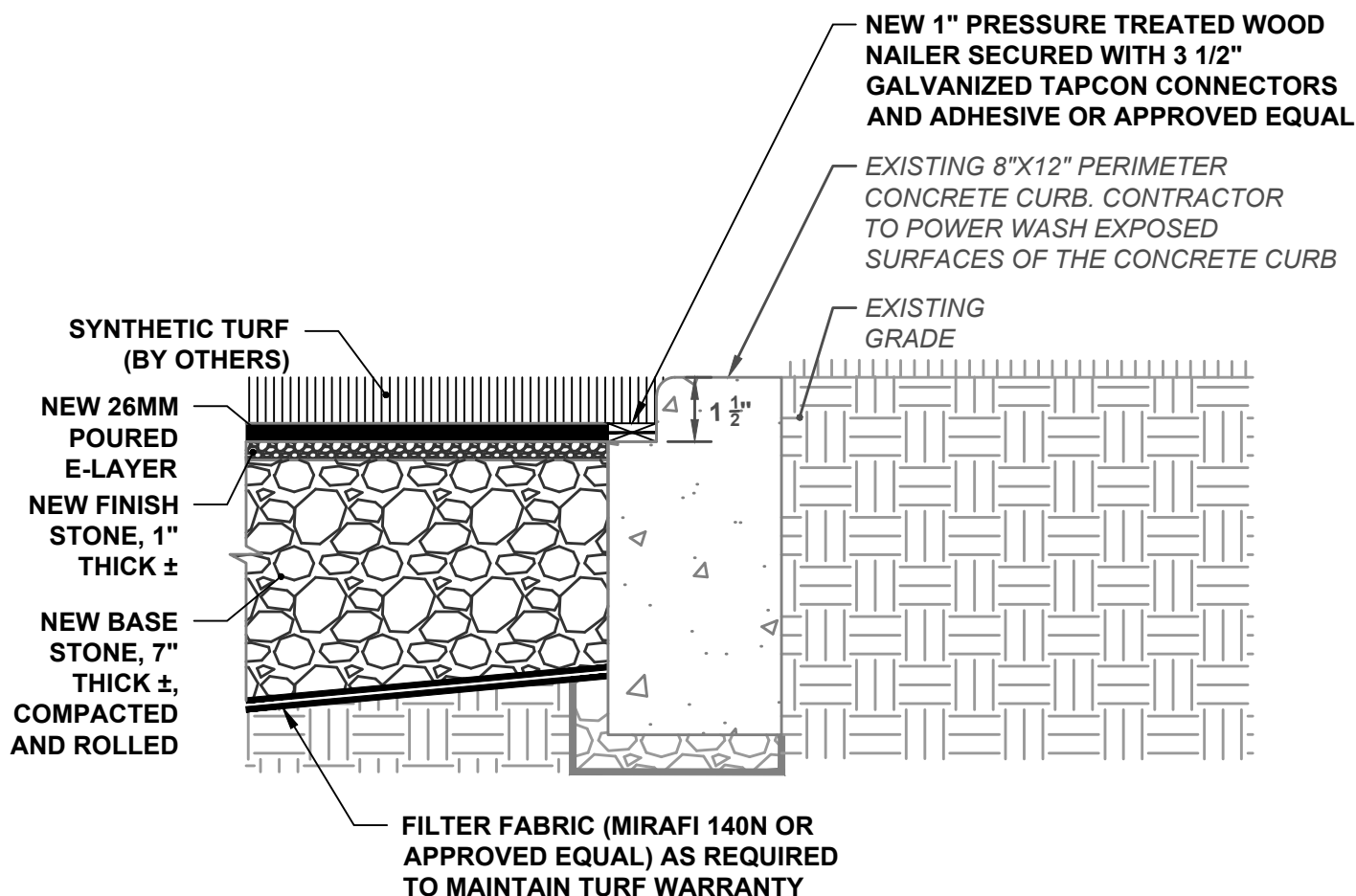
21. The 1% slope on this field will not meet FIH certification, will the slope be adjusted in this scope of work?

**Response:** No.

Attachments:

1. E-Layer to Existing Curb Connection Detail
2. Revised Construction Entrance Detail

END OF ADDENDUM NO. 1



## **E-LAYER TO EXISTING CURB** **CONNECTION DETAIL** **N.T.S.**

	<b>SUBURBAN CONSULTING ENGINEERS, INC.</b> <small>COA NO.: 24GA28037500 21MH00004200</small>	
	<small>- Civil Engineers - Municipal Engineers - - Landscape Architects - - Planners - Environmentalists - Land Surveyors -</small>	
	<small>96 US Highway 206, Suite 101      2430 Highway 34, Bldg. A Suite 1R Flanders, N.J. 07836 - 973.398.1776      Wall, N.J. 08736 - 732.282.1776</small>	
<b>EXCELLENCE ♦ ECONOMY ♦ ENVIRONMENT</b>		
<b>E-LAYER TO EXISTING CURB CONNECTION DETAIL</b>		
<b>DRAWN BY:</b> KRD	<b>CHECKED BY:</b> RCG	<b>SCALE:</b> N.T.S.
<b>DATE:</b> 08/18/2020		<b>PROJECT NO.</b> SCE-9899.021



**NOTE:**

1. CONTRACTOR TO PROTECT SIDEWALK, GRASS, AND PAVED AREAS WITH STEEL PLATES. CONTRACTOR TO TAKE PHOTOS OF EXISTING CONDITIONS AND RESTORE AREAS DAMAGED DURING CONSTRUCTION TO ITS ORIGINAL CONDITION. THIS INCLUDES ANY LANDSCAPING, FENCING, CURBING, PAVEMENT, ASPHALT WALKWAY, AND ALL ELSE REQUIRED FOR SITE RESTORATION.
2. CONTRACTOR TO KEEP CONSTRUCTION ENTRANCE AND MACHINERY CLEAN PRIOR TO LEAVING THE PROJECT SITE. CONTRACTOR TO CLEAN TIRES OF MACHINERY PRIOR TO LEAVING THE PROJECT SITE.

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					<div>CHECKED BY:</div> <div>RCG</div>		<div>SCALE:</div> <div>1"=20"</div>				
					<div>CHECKED BY:</div> <div>08/17/2020</div>		<div>SHEET 1 OF 1</div>				
							<div>REVISION -</div>				
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<div>REVISIONS</div>											