

Town of Branford
ATHLETIC FIELDS IMPROVEMENTS FOR FRANCIS WALSH INTERMEDIATE SCHOOL
Branford, Connecticut
Project No. – 040824
Addendum #3

Date: May 8th, 2024

Submission Date: May 20th, 2024 2:00 pm

Prospective bidders, and all those concerned, are hereby informed that the following is made a part of the bid documents, which should be amended as follows:

- 1) **Clarification/Revision:** Bid opening shall be extended until May 20th at 2 pm bid opening shall be held at the Branford Fire Head Quarters 45 N Main Street, Branford Ct 06405
- 2) **A list of the second Pre-Bid site walk attendees held on April 24th, 2024 is attached to this addendum.**
- 3) **We respectfully submit for your consideration a request to approve products as an accepted substitute on Athletic Fields Improvement for Francis Walsh Intermediate School.**
Substitution Request for DecoColr and Plexipave:

Response: The project takes no exception to the products requested as substitutions as they are already listed under acceptable products within the specification.

- 4) **The turf system spec refers to 2 turf systems – one with a resilient shock pad and one over a stone base, presumably without a pad. Will both systems be used, one on the one field and one on the other field on the other field or will one system be used for the entire project. If one system is being used for the entire project, which system?**

Response: The turf system will be one type of turf system. The following specifications have been revised to reflect this adjustment:

Specification:

Section 32 18 13 – Synthetic Grass Surfacing System – Revised and attached

Section 33 18 13.10 – Synthetic Grass Surfacing Warranty – Removed

Section 33 46 16 – Field Subdrainage System – Revised and attached

- 5) **I am a partner of *Performance Turf Innovations*, an exclusive partner of *Celebrity Greens* - <https://www.celebritygreens.com/sports-turf/>. We have exclusive rights to the only "no-infill" turf product on the market that I think would be great for this project. No microplastics and no**

PFAS which is critical in today's environment, especially at schools. This turf is currently being used by multiple NFL teams and professional soccer teams in Europe including Liverpool FC.

We would like to bid only on the turf portion of this project, and we would like to submit our no-infill turf product as an alternative for the Walsh Field job.

Response: This project received regulatory approval and has been specified for an infill turf product.

6) Will local permit fees be waived?

Response: All local permit fees except for the required State Education and Scanning fees will be waived

7) Print SU-5 Panel H-1 only shows one 3 pole 50 amp circuit breaker for football field lighting, one 3 pole 50 amp circuit breaker for soccer field lighting, and one 3 pole 30 amp circuit breaker for softball field lighting!!

- a. Musco controls each light pole with separate contactor which requires separate circuit breakers for each one? Please Advise?
- b. Musco also requires separate homerun feeder wiring from Musco Control Panel contactors to each light pole separately. Please Advise?

Response: SU-1 and SU-5 have been updated. Please refer to these revised sheets for further information.

8) If Alternate No. 1 (Deduct): Restroom Facility is accepted and Electrical service is located on back panel of sports field lighting cabinet what will be required as far as underground conduits and future wiring if Restroom Building would be installed?

Response: If Alternate No. 1 (Deduct) is exercised there will not be any underground electrical conduits required for installation to the building location. If the restroom building is installed later the conduits will be run at that time and will not be part of this project.

9) Restroom Building – Please verify the following: All light fixtures, lighting controls, receptacles, water heater, water cooler/BFS (GFCI), flush valve controls will be supplied, installed and wired by the building supplier?? Electrical sub-contractor will be required to terminate these circuits into Panel 'L-1'?

Response: The building supplier and/or contractor will provide the electrical items as listed in the specifications. The contractor will be responsible for all wiring and electrical connections required to provide a fully operational bathroom facility as outlined in the plans and specifications. Please refer to specification Section 13 42 32 and Plan Set for additional information.

10) The synthetic turf detail on sheet DN-1 shows a note "3/4 stone to excavated elevation." Is the intent of this note that we strip the surficial topsoil layer (8") and then backfill with only 3/4" clean stone to the bottom of the bottom stone layer?

Response: The intent is to remove the topsoil layer to a depth of 8" below existing grade, compact the subgrade and backfill with 3/4" clean stone to levels depicted in synthetic field detail. See revised detail.

11) Is there a detail for the poured in place playground surfacing?

Response: Refer to DN-1 for information regarding the poured in place playground surfacing. The final depth of poured in place playground surfacing will be determined by manufacturer in conjunction with potential fall heights from structures. Final depth and make up of poured in place playground surfacing will be determined by manufacturer and submitted as part of the submittal process for final approval.

12) The geotechnical report references the fills under the turf fields EITHER be constructed of CGF or utilizing rammed aggregate piers to reduce settlement that could occur in the future.

- a. Please advise as to which of these two methods should be included in our bid
- b. Please confirm that onsite materials may NOT be used as fill under the proposed turf field as alluded to in the geotechnical report
- c. Please confirm that our bid MUST include the over excavation and replacement with suitable materials of the turf field area to a depth of 2' below existing grade as referenced in the geotechnical report

Response:

- a.) Please refer to the drawings and specifications.
- b.) Onsite materials are not to be used as fill under the turf field.
- c.) The intent is to remove the topsoil layer to a depth of 8" below existing grade, compact the subgrade and backfill with 3/4" clean stone to levels depicted in synthetic field detail. See revised detail.

13) Please provide a detail for "asphalt pavement walkway", I cant seem to locate one in the current documents.

Response: Please refer to details on DN-1, Vehicular Rated Bituminous Concrete Pavement and Bituminous Concrete Pavement for Basketball Courts for further information. All Bituminous Concrete Pavement for this project will be per these details

- 14) Please provide the extents of where the 2 basketball court pavement areas transition from the 4" pavement design to the walkway pavement design.**

Response: Refer to response question 12.

- 15) Please provide the thickness of ¾" stone to be installed under the panel drains in the synthetic fields, there is no thickness given on DN-1.**

Response: The intent is to remove the topsoil layer to a depth of 8" below existing grade, compact the subgrade and backfill with ¾" clean stone to levels depicted in synthetic field detail. See revised detail.

- 16) Are the three grey basins shown on GD-1 to be installed per the rain garden detail on LL-2? Please provide clear delineation of rain gardens.**

Response: The bottom of the rain gardens are depicted on Sheet GD-1 and will extend to the top of the slopes as depicted on detail shown on sheet LL-2. All grading shown on GD-1 must be followed for finish grades.

- 17) Please refer to page DN-1, the synthetic field detail. Is the final field elevation to the top of the synthetic turf or to the top of the shock pad?**

Response: The final field elevation is the top of the synthetic turf. See revised synthetic turf detail.

- 18) Please refer to page DN-1, the synthetic field detail. Is ¾" stone necessary beneath the ADS flat drain per this detail? There is no depth of stone listed, the detail states "¾" crushed stone to excavated elevation". Please clarify what elevation we are to excavate to.**

Response: The intent is to remove the topsoil layer to a depth of 8" below existing grade, compact the subgrade and backfill with ¾" clean stone to levels depicted in synthetic field detail. See revised detail.

- 19) Please refer to page DN-3, the concrete slab for dugout and bleachers detail. There is mention of a bituminous concrete walkway detail here, I do not see this detail anywhere. Can you please provide a bituminous concrete walkway detail and specify where it should be applied.**

Response: Refer to response question 12.

- 20) Regarding the 4' black vinyl chain link rolling cantilever gates detail on DN-2: It is calling for a 2" x 2" "runner" on the top and bottom of the gate frames. Our standard cantilever gate frames are of 2-1/2" OD pipe with nylon rollers and safety covers. Are the additional square runners necessary? The detail is also showing square posts, can I assume standard 4" OD round posts for chain link will be acceptable?**

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Response: The addition of the '2"x2" runner' will not be required providing the manufacturer can produce documentation and warranty information that the gate will function as intended for the life cycle of the fencing without the additional support. 4" OD posts will also be acceptable in lieu of square posts.

21) Regarding the black chain link specifications: Is the delegated design requirement only for the 20' high backstop fencing or is it required for all fencing on the project?

Response: Delegated design requirement is for the 20' high backstop only.

22) 2-7/8" OD line posts are called for – Is this only for the 20' high backstop fencing or is it required for vinyl coated fencing on the project? If not, what are the post size requirements for the 4' high black fencing? (The galvanized fence specification is 1.9" line posts and 2.375" terminal posts). Are material certs and test reports required for all fencing? We can provide them, I am just trying to see if these apply only to the 20' high backstop.

Response: 2-7/8" OD line posts are called for the 20' high backstop fencing. 4' high black fencing shall have 1.9" line posts and 2.375" terminal posts. Contractor to provide product literature/material from manufacturer.

23) Please confirm that there are no gate operators on this project, or advise otherwise – I do not see any at the moment.

Response: There are no automatic gate operators for this project.

24) The specifications are calling for 6 gauge, 0.148" wire size for the mesh – this is conflicting – 9gauge core wire is 0.148 and if it is vinyl coated that brings it to an 8gauge finish, not 6gauge – please confirm that all chain link fabric is to be 9ga core and any vinyl coated wire is to be thermally fused and bonded (class 2b).

Response: The multi-purpose field backstop fencing (20') shall be 6 gauge core and vinyl coating is to be thermally fused and bonded. The multi-purpose field 4' fencing (and 4' slide gates) shall be 9 gauge core and vinyl coating is to be thermally fused and bonded. The softball field 6' fencing is to be 9 gauge galvanized fencing.

25) The double gate detail on DN-2 for the backstop is calling for 2" sq. frame, the specifications state round – Is our standard 2" od pipe welded frame acceptable?

Response: Standard 2" o.d. pipe welded frame is acceptable.

26) The specifications are calling for 8' max. line post spacing, again, does this only apply to the 20' high backstop fencing? The details for 4' high and 6' high fencing on DN-2 call for 10' spacing.

Response: Backstop fencing shall be 8' maximum spacing. 4' and 6' fencing shall be 10' maximum spacing.

27) All chain link mesh to be installed on the field of play side of the fence.

Response: All chain link mesh to be installed on field side of the fence.

28) Regarding the galvanized chain link fence specifications: Delegated design is called for here again. Does this apply to the 6' high fencing and gates? Material certs and test reports are called for, please confirm if they are necessary. The specifications are calling for 2.0oz galvanized coating on the framework. – Group 1C-L is also called for in the specifications which is pre-galvanized, not hot dipped (Group 1C is called for in the black chain link fence specifications).

Response: Galvanized chain link fencing only applies to the 6' high fencing and gates. Contractor to provide product literature/material from manufacturer.

29) We would not be providing the concrete mower strip for the softball outfield – can I assume that the footings in this area are to be left below grade so this mower strip can be a continuous pour, covering the footings?

Response: The project is to have a concrete mower strip at softball field per detail on sheet DN-2.

Respectfully submitted,

John M. Hoefflerle, PE, CFM
Town Engineer

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Please acknowledge receipt of addendum below and submit with your bid submittal.

Signature: _____ **Date:** _____

Title: _____

Company: _____

ADDENDUM #3 ATTACHMENTS

SECTION 32 18 13 – SYNTHETIC GRASS SURFACING SYSTEM	19 PAGES
SECTION 33 46 16 - FIELD SUBDRAINAGE SYSTEM	11 PAGES
SU-1	1 SHEET
SU-5	1 SHEET
SK-1	1 SHEET
APRIL 24 th SIGN-IN SHEET	1 SHEET