

DOCUMENT 00 91 01

ADDENDUM NO. 04

November 30, 2018

1. GENERAL

This document includes requirements that clarify or supersede portions of the bid and/or contract requirements for the project. This Addendum is a Contract Document.

2. SUMMARY

The following changes, additions and deletions shall be made to the following document(s); all other conditions shall remain the same.

- A. **Drawings** None
- B. **Specifications** Section 31 22 00 **Grading** Replace in its entirety.
Section 32 31 13 **Chain Link Fence** Replace in its entirety.

- C. **Additional Documents** For reference only:

1. Additional Documents available on the Capital Purchasing Website:

<http://www.esuhsd.org/Community/Purchasing/Capital-Purchasing/Current-RFQ-RFP-BIDS/index.html>

- a. New Location of the Capital Purchasing Office: Please note that the location where the East Side Union High School District Receives Bids has changed and is no longer in their main building. The new location is in a modular building directly behind the Facilities and Construction office. Please refer to the map titled "New Location of the Capital Purchasing Office" located on the Capitol purchasing Website:
- b. Geotechnical Reports
- c. Construction As-Built Drawings
- d. Topographic Survey

**3. PRE- BID QUESTIONS and ANSWERS
PROJECT MANUAL**

QUESTIONS:

DOCUMENT 00 31 32 – GEOTECHNICAL DATA:

1. This section references geotechnical reports for this project. Please post all current geotechnical reports that have been completed on the site.

ANSWER:

See 2. C above. Additional documents are made available for reference only on the District's website.

2. In addition, please post all previous construction documents or as-builts for this project site to help determine actual existing conditions and depths of existing utilities that are to be removed.

ANSWER:

See 2. C above. Additional documents are made available for reference only on the District's website.

QUESTION:

DOCUMENT 01 71 23 – FIELD ENGINEERING:

3. This section does not address any requirements for conformance surveys on the existing synthetic turf base either right after the existing turf is removed or after any field grading has been performed. Please provide specific conformance survey specifications to provide requirements and guidelines to be used the land surveyors.

ANSWER:

Contractor shall provide a conformance survey of the top of curbs and synthetic turf base. Work shall be performed by a California Licensed Surveyor. Survey shall consist of points taken in a 25' grid spacing. Maximum variation from design grade at top of curb shall be .02 feet. Maximum variation at top of synthetic turf base shall be .03 feet. CAD files shall be provided to the Surveyor in order to establish design grades and comparison of existing grades. The contractor shall be responsible for all corrections to base and curbs to meet the design grades. Refer to Sections 32 12 00, 32 18 13 and 32 18 14 for additional information regarding surface planarity.

QUESTION:

SECTION 31 11 00 – ATHLETIC FIELD DEMOLITION:

4. Section 1.1 E states contractor must adhere to the list regulations during demolition, excavation, and grading. Please confirm that materials on-site are not considered to be hazardous material.

ANSWER:

The District has no knowledge of hazardous materials on site.

QUESTION:

SECTION 31 22 00 – GRADING:

5. Section 3.2 Grading does not provide any specifications for lime treatment percentage, depth of lime, or the type of lime to be used. Please provide information.

ANSWER:

Per the geotechnical recommendations from Cleary Consultants, Inc. the subgrade within the project area shall be chemically treated to a depth of 18-inches with four percent (4%) Hi-Cal Quicklime with addition of two percent (2%) Portland Cement by dry weight.

(This can also be found in the Sections – 32 18 13 and 32 11 23. Section 31 22 00 has been revised to include this information.)

QUESTIONS:

SECTION 32 11 23 – AGGREGATE BASE:

6. Section 2.2 provides specifications for class II base rock. Please confirm that all base rock under any surface that is to receive synthetic all-weather rubber track surface must be virgin rock and no recycled rock material is acceptable.

ANSWER:

Base rock under synthetic turf surfacing must be virgin material. Recycled material is acceptable under asphalt and concrete surfaces.

7. Sections 3.1 C 12 and 13 reference synthetic turf contractor must visit site to inspect base rock. This section is not for the synthetic turf base, please confirm these two sections should be deleted and no class 2 aggregate base is used for the synthetic turf base.

ANSWER:

Synthetic turf installer must review areas of permeable base to receive synthetic turf only.

QUESTION:

SECTION 32 12 00– ASPHALT PAVING:

8. Section 2.1 D states to use 3/8" aggregate for the finish course asphalt layer. Please clarify to use 1/2" aggregate for the finish course asphalt layer due to the requirements for finish surface control and compaction. 3/8" aggregate is not suitable for track paving and will move during placement and become out of tolerance.

ANSWER:

1/2" aggregate for finish course of asphalt layer is acceptable. Contractor shall provide specified planarity regardless of aggregate size.

QUESTIONS:

SECTION 32 18 13 – SYNTHETIC TURF:

9. Section 1.2 B – C reference testing the existing synthetic turf base and flushing the existing subdrain system. All these items are being removed. Please confirm these three sections should be deleted.

ANSWER:

Contractor will not be required to pothole for subdrains prior to demolition or test existing permeable base or flush drain lines to be demolish. Contractor must still flush any drain lines within the limit of work that are not demolish.

10. Section 1.3 B states testing the existing synthetic turf base. Please confirm this should be deleted or changed to testing of new synthetic turf base.

ANSWER:

This section should read: "Testing of new permeable synthetic turf base system shall include..." Omit reference to existing in this section.

11. Section 2.6 A states the basis of design is Schmitz Foam Products Pro-Play Sport 20 (D) Ecosport 20 millimeter. This is a conflict in the material product number. The pad is either Pro-Play 20 D or Pro-Play Ecosport. Please confirm which product is required.

ANSWER:

The product is Schmitz Foam Pro-Play (D) 20 millimeter. Omit Ecosport.

QUESTION:

SECTION 32 84 00 – IRRIGATION:

12. Section 3.3 Installation J.2 Backfilling states to use clean backfill sand around the mainline pipe. This matches cross section detail 02 /TF-10.2, but conflicts with Detail 02 / TF-10.4 that requires chemically treated material or actually should be a 2 sack slurry or controlled density fill material. There is no way to fully preserve excavated lime treated soil for replacement back into the trench. Please clarify conflict.

ANSWER:

Provide 4" min encasement of irrigation main pipe with sand. All remaining backfill of pipe must be Controlled Density Fill or 2-sack slurry to the same depth of the lime treated section. Contractor to provide submittal prior to installation.

QUESTION:

SECTION 32 46 00 – DRAINAGE:

13. Section 3.3 B.11 references Section 31 23 33 Trenching and Backfill. This section is not part of the specification, please provide. Keep in mind all pipelines within lime treated soil could have native material below the lime treated section but remaining backfill must be either a Controlled Density Fill (CDF) or a 2-sack slurry mix to the same depth of the lime treated section. Please clarify backfill materials.

ANSWER:

Utility and drainage pipes shall be encased in sand. All remaining backfill of pipe must be Controlled Density Fill or 2-sack slurry to the same depth of the lime treated section. Contractor to provide submittal prior to installation.

QUESTION:

CHAIN LINK FENCING:

14. Please provide chain link fencing specifications that show all fence work including painting, powder coating, or vinyl coating of the fencing and gates.

ANSWER:

Section 32 31 13 provide in this addendum.

PLAN SHEETS

QUESTION:

SHEET TF-03: DEMOLITION PLAN:

15. Protection Note D & F state to protect existing domestic water line and electrical sleeving which are shown near the 50-yard line and the south end zone. Demolition

Note #7 states to protect existing conduit and electrical leads. The subgrade will be lowered for the new sections and lime treated to a depth of 18". Are these existing utilities a minimum of 36" deep from the top of the pipes to the existing synthetic turf subgrade? If not, these utility lines will be within the operation of the lime treatment equipment and will be damaged. Please change these items to be removed and show plans for reinstallation.

ANSWER:

Bid as noted.

QUESTIONS:

SHEET TF-04: SURFACING PLAN:

16. Surfacing Note #9 states to adjust football goal post and uprights and repaint. Please modify this note for the installation of new goal posts, footing, and uprights since the existing goals are being removed.

ANSWER:

Refer to Addendum #3. Goal posts to be replaced per revised Sheet TF-04 details and specs.

17. Surfacing Notes #6 & #8 states to repair as needed existing fence and rails and paint posts, rails, and gates; repair gates and hardware as needed. This is too vague and open ended on exactly what is required. Please clarify the following:

- 17.1 For fence repairs, either provide an allowance or state specifically what repairs are required.

ANSWER:

Owner's Allowance provided in Addendum #3. See Addendum #3 for revised Sheet TF-04. Replace rails and hardware with new vinyl coated rails and hardware.

- 17.2 For painting posts and rails, provide the requirements for painting, such as all existing paint or vinyl coating shall be removed, galvanize pipe etching, prime coat, and type and number of coats of paint required.

ANSWER:

Existing posts and rails are either powder coated or painted. Remove any vinyl coating or any loose paint with scraper and sand paper. Apply primer coat. Apply two coats of exterior enamel paint for metal. Refer to fence specification in this addendum. Paint shall be Dunn Edwards Exterior Premium Exterior with color per District direction to match existing Refer to supplemental Section 32 31 13 for chain link fencing in this addendum.

17.3 For gate and hardware repair, either provide an allowance or state specifically what repairs are required.

ANSWER:

Owner's Allowance provided per Addendum No. 03. See Addendum No. 03 for revised Sheet TF-04. Replace rails and hardware with new vinyl coated rails and hardware.

18. Surfacing Note #7 states to install combox in synthetic turf. This note is only shown at the 50-yard line and is not show at the four corners of the field where there are existing boxes.

ANSWER:

There are four (4) elec/comm boxes in the field with sleeving under the track from existing boxes outside the field. See Irrigation plan for locations near corners of the field.

QUESTION:

SHEET TF-05: GRADING PLAN:

19. The grading plan shows a consistent elevation of 63.70 around the existing perimeter of the track. Based on the existing conditions plan, this curb varies slightly and is more consistent with about 63.77. Please confirm the intention with conforming to the existing curb.

ANSWER:

The intention is to conform to the exiting curb.

QUESTIONS:

SHEET TF-09: IRRIGATION PLAN:

20. The Legend shows a solid line for the irrigation mainline. However, the plan shows a dashed line with IR. Please confirm that all the irrigation mainline within the field will be removed and replaced with a new mainline.

ANSWER:

The dashed line with IR is the correct new irrigation mainline and shall be as noted: "IRRIGATION MAINLINE (2" EXCEPT WHERE NOTED OTHERWISE) SOLVENT WELD CLASS 200 PVC W/ SCH 80 FITTINGS."

21. Around the outside perimeter of the track the dashed line with IR appears. Will any work occur with those lines or are they to remain as shown?

ANSWER:

No irrigation work should be performed outside the limits of work.

QUESTIONS:

SHEET TF-10.1: TRACK & FIELD DETAILS:

22. Detail 06 Long Jump Sand Pit does not show a concrete curb on the outside of the sandpit catcher. This curb must be installed to allow the paving machine to pave up against a solid curb otherwise the paving cannot be properly compacted and installed to tolerances.

ANSWER:

Detail is taken directly from manufacture installation documents. Install per manufacture recommendations.

23. Detail 09 Combox in Synthetic Turf only shows a nailer board flush with the box on top of the turf stone base. All boxes including drain boxes, comboxes, irrigation, boxes, etc., must have a concrete collar around the box otherwise proper compaction and finish tolerances cannot be achieved. Synthetic turf can be glued or nailed down onto the concrete collars with the drainage pad flush with the collar.

ANSWER:

Contractor shall install a 4"x4" concrete collar with 3000 psi concrete. Glue turf to top collar and box lid. Contractor must submit sketch prior to installation.

QUESTIONS:

SHEET TF-10.2: DRAINAGE DETAILS:

24. Detail 01 Drain Basin only shows a nailer board flush with the box on top of the turf stone base. All boxes including drain boxes, comboxes, irrigation, boxes, etc., must have a concrete collar around the box otherwise proper compaction and finish tolerances cannot be achieved. Synthetic turf can be glued or nailed down onto the concrete collars with the drainage pad flush with the collar.

ANSWER:

Contractor may also install a 4"x4" concrete collar with 3000 psi concrete. Contractor must submit sketch prior to installation.

25. Detail 02 Subdrain & Trenching at Perimeter Drain Curb. Clarify the following:

25.1 Irrigation Pipe trench shows what appears to be a sand envelope. This conflicts with Detail 2 / TF-10.4. While the pipe can have a sand envelope to protect the pipe, all the remaining backfill must be either a Controlled Density Fill (CDF) or a 2-sack slurry mix to the same depth of the lime treated section. Please clarify backfill materials.

ANSWER:

Provide 4" min encasement of irrigation main pipe with sand. All remaining backfill of pipe must be Controlled Density Fill or 2-sack slurry to the same depth of the lime treated section. Contractor to provide submittal prior to installation.

- 25.2 Solid storm drain pipe shows envelope bedding of material around the pipe. The specifications do not provide a bedding material section. Please clarify.

ANSWER:

Provide 4" minimum encasement of sand around solid storm drain pipe. All remaining back fill of pipe must be Controlled Density Fill or 2-sack slurry to the same depth of the lime treated section. Contractor to provide submittal prior to installation.

- 25.3 Solid storm drain pipe could have native material below the lime treated section but remaining backfill must be either a Controlled Density Fill (CDF) or a 2-sack slurry mix to the same depth of the lime treated section. Please clarify backfill materials. Contractor to provide submittal prior to installation.

ANSWER:

Solid storm drain pipe shall have native material below the lime treated section but remaining backfill must be either a Controlled Density Fill (CDF) or a 2-sack slurry mix to the same depth of the lime treated section. Contractor to provide submittal prior to installation.

- 25.4 If there are any electrical or domestic water lines, the same backfill requirements must be shown with either a Controlled Density Fill (CDF) or a 2-sack slurry mix to the same depth of the lime treated section. Please clarify backfill materials.

ANSWER:

Provide 4" minimum encasement of electrical or domestic water lines with sand. All remaining back fill of pipe must be Controlled Density Fill or 2-sack slurry to the same depth of the lime treated section. Contractor to provide submittal prior to installation.

26. Detail 05 Storm Drain Cleanouts do not show any concrete collars around the structures that are required for proper compaction and finish tolerances to be achieved. Please clarify to add concrete collars.

ANSWER:

Contractor shall install a 4"x4" concrete collar with 3000 psi concrete. Glue turf to top collar and box lid. Contractor must submit sketch prior to installation.

QUESTION:

SHEET TF-10.4: IRRIGATION DETAILS:

27. Details 01 and 03 do not show any concrete collars around the structures that are required for proper compaction and finish tolerances to be achieved. Please clarify to add concrete collars.

ANSWER:

Contractor shall install a 4"x4" concrete collar with 3000 psi concrete. Glue turf to top collar and box lid. Contractor must submit sketch prior to installation.

QUESTION:

ELECTRICAL PLANS:

28. There are no electrical plans to show any required electrical renovations or replacement of conduits and conductors. If this work is required, please provide plans.

ANSWER:

Owner's Allowance provided per Addendum No. 03

END OF DOCUMENT