



NOTICE TO BIDDERS

ADDENDUM #3

Bid 102-22 Athletics Stadiums Project

Palomar Community College District

The following changes, additions, deletions, clarifications or corrections shall become part of the Bid & Contract Documents for the above listed project. This Addendum #3 forms a part of the contract document and modifies the original bidding documents. Acknowledge receipt of Addendum #3 in the space provided on the bid form. Failure to do so may subject bidder to disqualification.

REQUESTS FOR SUBSTITUTION

- ActGlobal – Xtreme Turf Technical Package (Attached)
 - *Synthetic Turf is OFOI and not part of this construction bid, therefore no action has been taken on this proposed substitution.*
- Operable Partition Substitution Request (Attached)
 - *Proposed substitution of Moderco 843EP is approved. Contractor is responsible for any and all costs which arise due to the substitution, including but not limited to the cost to adjust the contract documents to accommodate the substitution*

ADDITIONAL DOCUMENTS – Separate attachments

- HMC Add 003 VI-Tech Data Sheet
- Color Selector Vinyl 2020
- L2 Specialties Moderco Substitution Request Cover Letter
- Spec Section 102226 L2 Specialties Moderco Alternate
- Moderco Signature 800
- Moderco Tech Data Sheet 843EP-SSE-1805-0

REQUESTS FOR INFORMATION - QUESTIONS AND RESPONSES

- (1) QUESTION: I had a question for this upcoming construction bid. Do the subcontractors that are listed within the Prime's bid document have to be prequalified with the district and if so, how would they go about getting pre-qualified? I couldn't find it stated anywhere in the bid document, so I thought I would ask just to make sure. I also don't not know if all questions have to be submitted through a formal RFI, so please let me know if that is needed so I could proceed accordingly.

RESPONSE: Only those General Contractor, License B are required to be prequalified with the District; the subcontractors do not.

- (2) QUESTION: What sizes are the 4 communication manholes labeled MH F1.1, MH F1.2, MH F1.3, MH F1.4 on T1.11? Which designations are correct for these manholes, per T1.11 or T5.11?
- RESPONSE: Refer to updated sheets T1.11 and T5.11, which have been coordinated.*
- (3) QUESTION: T1.11 does not show all of the low voltage underground conduits required for the softball home and visitor dugouts, softball storage or football storage buildings. Is the contractor responsible to determine the conduits necessary for complete and operational systems?
- RESPONSE: Refer to updated Technology drawings included in this addendum for additional information.*
- (4) QUESTION: Confirm that the light fixtures in the tunnel shown as type LC4 on 3/E1.2, are L4 on the fixture schedule E2.5.
- RESPONSE: Refer to revised sheet E2.5 where fixture LC4 has been added.*
- (5) QUESTION: In the bid form for the Athletics Stadiums Project, you are asking for a "list of Construction of Athletic Fields/Venues". How many are you wanting us to list, what is the time frame for those projects and do you have a form you want them on?
- RESPONSE: As stated in the Special Conditions the requirement is for a minimum of 5 Athletic Fields projects within the past 7 years for any one of the following clients: UC, CSU, Community College of High Schools in the State of California.*
- (6) QUESTION: Please advise what type of DDC controls system is to be installed. Is there a preferred controls contractor?
- RESPONSE: This question will be answered in Addendum #4.*
- (7) QUESTION: Regarding Concrete – Drawing/Spec: 03 35 43: Floor flatness of 45 with floor levelness of 35 is being called out for the polished concrete topping slab per 3.01.a. Since this slab is a suspended slab, please confirm that floor levelness should be 35.
- RESPONSE: Per the dwgs the topping slabs are sealed concrete not polished. Floor flatness of 35 is acceptable per spec.*
- (8) QUESTION: Architectural – Drawing/Spec: AA-7.11/AA-7.12: Details 21,16,6,1/AA-7.12 and 25,24,21,20,19,18,17,16,10,9/AA-7.11 do not note a base material. What material should be used as a base?
- RESPONSE: At restrooms with resilient flooring, the material will run up the wall as noted in Finish Schedule. For all other restrooms, a Schluter profile should be used (DILEX-AHKA 100 AE). Please refer to detail 1/A10.62.*
- (9) QUESTION: Architectural – Drawing/Spec: A-9.31: A-9.31 Notes PS1, PE3, PS3 paint. This cannot be found on the drawings. Please identify if this is to be used or removed.
- RESPONSE: PS1 is used in all restrooms and wet rooms, please see note on Finish Schedule. PE3 is not used. PS3 is not being used and is noted as such in the Finish Schedule now.*

- (10) QUESTION: Architectural – Drawing/Spec: A-9.31: A-9.31 notes PE4 to be used at exposed ceilings.

RESPONSE: Confirmed.

- (11) QUESTION: Bleachers: Since the district is contracting directly with the bleacher and turf contractors we need to know when they will be onsite and for how long and how that impacts us to build a schedule.

Please provide the following:

- 1) Start date, duration and staging requirements for bleacher foundation
- 2) Start date, duration and staging requirements for bleacher steel
- 3) Start date, duration and staging requirements for aluminum bleachers
- 4) Start date, duration and staging requirements for field turf installation

An overall duration with start date would be great.

What happens if bleacher approval, procurement, install, etc take longer than expected?

This will impact our ability to finish and get substantial completion.

RESPONSE: The start date for the bleachers (including foundation, steel, & seating) and Field Turf will be coordinated with the successful bidder and the bidder's project schedule. During the construction, the successful bidder will be required to coordinate and schedule work with the OFOI vendors.

Note that the durations listed below must be incorporated into the contractor's overall project schedule. Any delay caused by the OFOI scope (provided they have been provided with adequate time which to do the work) which delays the completion date past the contract stipulated completion date will be added to the successful GC's completion date.

Field Turf Duration: Football Field: 4 weeks & Softball Field: 2 weeks

Field Turf Staging Requirements: 10,000-12,000 square feet, no more than 300' from the fields.

Bleacher Material Fabrication: 4 months (foundation work can run concurrently)

Home Bleacher Foundation: 2 months

Visitor Bleacher Foundation: 1 month

Home Bleacher steel and aluminum erection: 3 months

Visitor Bleacher steel and aluminum erection: 1.5 months

Bleacher staging requirement: ½ footprint of home and visitor side

- (12) QUESTION: Synthetic Turf – Drawing/Spec: O/AT7: Detail O/AT7 stated "Synthetic Turf and Infill Material, OFOI"; Please confirm the Drain Tile below Synthetic Turf is part of OFOI system

RESPONSE: The drain tile shown below the synthetic turf is part of the general contractor's scope of work and is NOT part of the OFOI synthetic turf system.

- (13) QUESTION: Synthetic Turf – Drawing/Spec: G/AT7: Detail G/AT7 stated "Synthetic Turf and Infill Material, OFOI"; Please confirm the Geotextile Fabric and Permeable Base Rock are part of OFOI system

RESPONSE: The geotextile fabric and permeable base rock shown below the synthetic turf is part of the general contractor's scope of work and is NOT part of the OFOI synthetic turf system.

- (14) QUESTION: Synthetic Turf – Drawing/Spec: C,D,E,I,,M,N/AT7: Please confirm 2x4 recycled plastic header board is part of OFOI Synthetic Turf

RESPONSE: The plastic header board is part of the general contractor's scope of work and is NOT part of the OFOI synthetic turf system.

- (15) QUESTION: Hardware – Drawing/Spec: 08 71 00: SFH101-A is listed in hardware set 23B-AD & SFH101-B is listed in hardware set 23-AD; Neither of these set is listed in spec section 07 81 00

RESPONSE: The hardware set for door SFH101-A is 10A-AD. The hardware set for door SFH101-B is 10-AD.

- (16) QUESTION: Electrical – Drawing/Spec: 26 10 00: Spec Section 260100, page 4, item 13.3, In part states 'Machine grade only to the top line of the conduits, doing the remainder by hand'. This could mean hand digging 18" to 24" depths! Will this requirement be enforced?

RESPONSE: Where new scope of work crosses ANY existing utility, hand digging is required until clearance of the existing utility is achieved.

- (17) QUESTION: Elevator – Drawing/Spec: 14 24 00: Please confirm No. of Stop for elevator & travel distance; Specification stated 12'-8" Travel & 2 Landing; Drawing AB7.21 shows 3 stops & travel distance of 46'-4"

RESPONSE: Number of stops is 3 total. Travel distance is 46'-4". See updated specification section 14 24 00.

- (18) QUESTION: Curtain Wall – Drawing/Spec: 1/A9.21: Please confirm the scale as shown on 1/A9.21; Is it 1/4"=1'-0" or 1/8"=1'-0"

RESPONSE: The scale is 1/4" = 1'-0". See updated sheet A9.21.

- (19) QUESTION: Builder's Risk Insurance – Drawing/Spec: SEWUP: Please provide "This Master policy is available for review by Contractors/Subcontractors, upon request to the Owner or the Program Administrator" per paragraph 3.3

RESPONSE: In response to the RFP submitted for the new Stadium project, please see the attached Builder's Risk policy under which this project would be endorsed.

- (20) QUESTION: Sewer Line – Drawing/Spec: C1.31 to C1.33: Please provide the pipe size for Sewer Line

RESPONSE: See updated sewer data table on sheets C1.31 to C1.33. Note that provided lengths are approximations only, and may need to be adjusted, at no cost to owner, based on the contractor's actual installation layout.

- (21) QUESTION: Water Line – Drawing/Spec: C1.31 to C1.33: Please provide the pipe size for Domester Water Line & Fire Line

RESPONSE: See updated domestic water data table on sheets C1.31 to C1.33. Refer to FP1.11 for fire line pipe size. Note that provided lengths are approximations only, and may need to be adjusted, at no cost to owner, based on the contractor's actual installation layout.

- (22) QUESTION: Softball Field – Drawing/Spec: A1.21: Do all the structures that related to Softball Field must be completed by December 31, 2022; Bldg A, Bldg D, Bldg E & Bldg F

RESPONSE: All buildings associated with the Softball Field, including building A, D, E, & F shall be completed by the December 31, 2022 deadline.

- (23) QUESTION: Temp Power – Drawing/Spec: E1.1: Keynote 24 on E1.1 "Provide Temp Power Service to Panelboard 'RB'". Has the school district contact SDG&E regarding design and engineering when connect to SDG&E primary? SDG&E may take up to 4 to 6 months for design and engineering. Is there an alternate source for temp power?

RESPONSE: Contractor shall coordinate requirements for temporary power including coordination with SDG&E.

- (24) QUESTION: OFOI: Please provide a responsible Matrix for OFOI & OFCI items

RESPONSE: Contractors shall refer to the contract documents for all items that are OFOI or OFCI

- (25) QUESTION: Synthetic Turf – Drawing/Spec: AT4.2: Will the School District's contractor furnish and install the Synthetic Tuft at Batting Cages, Behind Home Plate at Softball Field?

RESPONSE: The District's Synthetic Turf contractor will furnish and install synthetic turf finish material/playing surface at the softball and football fields including foul territory, bull pens and batting cages at the softball field.

- (26) QUESTION: Synthetic Turf – Drawing/Spec: AT4.2: Who will furnish and install Synthetic Turf outside the Softball Field, ei, East Side of Batting Cage?

RESPONSE: The District's Synthetic Turf contractor will furnish and install synthetic turf finish material at areas shown to received synthetic turf outside the softball playing field.

- (27) QUESTION: Infield/Warning Track – Drawing/Spec: AT4.2: Who will furnish and install Infield/Warning Track Fine & Infield fines over clay at Softball Field?

RESPONSE: The General Contractor/bidder will be responsible for furnishing and installing the Infield/Warning Track Fine and Infield fines over clay (as well as the clay) at the softball field.

- (28) QUESTION: CAL/OSHA: Building B, with the top of slab at 62'-2", do we need to install a Man/Material Hoist on this project?

RESPONSE: Contractor/bidder shall comply with CAL/OSHA requirements.

- (29) QUESTION: Reference page C1.32 sewer data table and water data table. Please provide pipe sizes for all line numbers.

RESPONSE: Pipe sizes have been provided for sewer data table and water data table. See updated sheets. Note that provided lengths are approximations only, and may need to be adjusted, at no cost to owner, based on the contractor's actual installation layout.

- (30) QUESTION: Reference page 3/PA1.19, please provide main line and branch piping sizes.

RESPONSE: Additional pipe sizes shown on attached revised plumbing sheets. Plumbing schedule states minimum pipe sizes provided at each fixture.

- (31) QUESTION: Please reference 3/PA1.19 and Plumbing fixture schedule P0.02. The fixture schedule shows Trap Primers and Water hammer arrestors. Reference 3/PA1.19 does not indicate either item. Please clarify if the items will be required.
- RESPONSE: Trap primers and water hammer arrestors are required.*
- (32) QUESTION: Please reference PA1.19 details 2 and 3. The Women's Wet Core indicates 1 each lavatory (L-1). The piping diagram suggests there are two waste inlets and two hot water only supplies. Please confirm that there is only one L-1 at this location.
- RESPONSE: There is one sanitary sewer connection for L-1.*
- (33) QUESTION: Fixture L-3 has 2 waste connections and 3Faucets. The drawings show 3 waste inlets. Please confirm it is acceptable to match the quantity of waste inlets to the fixture served.
- RESPONSE: There are two sanitary outlets for L-2 and L-3.*
- (34) QUESTION: Please reference 1/P6.0. Is it the intent of this detail to mean that any piping that extends beyond the 12" rule needs to be installed per the applicable details on P6.04 i.e. for pipe sizes up to 2" would need to be installed with either detail 2, 4 or 6. Is this a correct understanding and would the detail on P6.04 2,4 or 6 be required for every hanger that extends beyond the 12" rule?
- RESPONSE: All plumbing piping shall be installed per code. Where seismic requirements are required, they shall be installed per these details.*
- (35) QUESTION: Please provide piping diagram or connection location for the floor drain in the Visiting Team wet Core room.
- RESPONSE: See revised plumbing sheets. 2 inch underground shall be connected to 4 inch piping.*
- (36) QUESTION: Please provide Below grade waste branch piping size at all locations not shown on the DSA Approved drawings @Building A Field House shown on 1/PA1.19
- RESPONSE: Minimum piping to serve fixtures are listed on sheet P0.2. Install per schedule.*
- (37) QUESTION: Please provide vent piping routing for the two floor drains in Women's Wet Core shown at 1/PA.19
- RESPONSE: Vent piping shall connect to the core vent system.*
- (38) QUESTION: See page PB1.20 Note 3. Note 3 appears on each floor in detail(s) 2,3 and 4. Please clarify which floor the hub drain is to be installed and confirm that the 2" vent is to route on block wall and terminate above roof line.
- RESPONSE: 4 inch hub drain is located on the first floor. A 2 inch vent is provided up the building as stated in the keynote.*
- (39) QUESTION: Per Information for Bidders; "all documents that are required to be submitted in the Bidder's Bid Submittal Package must be submitted in the District's original document format" The "References" form provided in the bid documents asks for three (3) references.

Please clarify if:

- a) This is the correct form to use. (page 70)

- b) Five (5) references are needed, or the three (3) that are asked for on the original district form
- c) If five (5) are required to be listed, are we to duplicate this sheet in order to fit 5 references in the bid documents?

RESPONSE: Five (5) references are required per special conditions. Bidders may duplicate the provide sheet to fit in the 5 references.

- (40) QUESTION: Please inform if general Contractors is going to install the Daktronics screen

RESPONSE: Daktronics screen shall be OFOI. All other items (including but not limited to steel, foundation, supports, utility connections, etc) shall be be CFCI.

- (41) QUESTION: Please inform If General contractor is going to install the underground cables and conduits

RESPONSE: All LV underground conduits are shall be provided by the GC. All Security and IT cabling (including Data cabling for AV) shall be furnished and installed by the GC. All AV cabling NOT requiring network connectivity is not included in the GC's scope.

- (42) QUESTION: Is this project PLA or any other labor agreement project?

RESPONSE: This project (Athletics Stadiums Project) is not subject to a PLA or any other labor agreement other than it is a prevailing wage project.

- (43) QUESTION: Please inform if any of the subcontractors must be pre-qualified to bid on this project

RESPONSE: General Contractors only need to be pre-qualified with the District in order to submit a bid.

- (44) QUESTION: Please inform if any schedule is developed for southern bleacher to perform their portion of the work

RESPONSE: Please see answer to question #11 in Addendum #3.

- (45) QUESTION: Is the 12 month project completion includes southern bleachers and Daktronics work and installation, if included please provide developed schedule to show when are they scheduled to compete the portion of the work that is not part of this contract

RESPONSE: Please see answer to question #11 in Addendum #3.

- (46) QUESTION: Documents show only 7am to 4 pm allowed to work, what about weekends and overtime if required to meet the 12-month completion requirement

RESPONSE: The contractor may work weekends if necessary to meet the project schedule and all costs must be included within the base bid.

- (47) QUESTION: Is the 12 month work day or calendar day

RESPONSE: The 12 months is calculated in Calendar days.

- (48) QUESTION: Please confirm that the DF-1 shown on 2/PB1-20 is to drain into storm drain system.
RESPONSE: DF-1 can be routed to storm drain
- (49) QUESTION: See 4/P6.02. This is fixture HB-2. A location for this fixture cannot be located. Please confirm this is not used as a part of this project or assist in locating where it is to be installed.
RESPONSE: Detail is not being used and has been removed from sheet. See revised Sheet P6.02.
- (50) QUESTION: The drawings appear to be "in progress" / incomplete in terms of their quality. Is this project a Design / Build project? Will a complete set of drawings be available in a reasonable time frame prior to bid?
RESPONSE: Drawings represent a complete biddable set, which has been DSA approved. Please note that the bleacher dwgs on sheet A1.41-A1.52 are bridging documents for the OFOI bleachers.
- (51) QUESTION: Sheets C1.31, C1.32, C1.33; Note/Detail: Data Tables: Domestic Water: Missing Size / Material. What are we to bid on?
RESPONSE: Size and material have been added to domestic water data table. See revised Civil drawings. Note that provided lengths are approximations only, and may need to be adjusted, at no cost to owner, based on the contractor's actual installation layout.
- (52) QUESTION: Sheets C1.31, C1.32, C1.33; Note/Detail: Data Tables: Sewer: Missing Slope / Size / Material. What are we to bid on?
RESPONSE: Size and material have been added to sewer data table. Note that provided lengths are approximations only, and may need to be adjusted, at no cost to owner, based on the contractor's actual installation layout.
- (53) QUESTION: Sheets C1.31, C1.32, C1.33; Note/Detail: Data Tables: Fire Water: Will data tables for Fire Water be provided?
RESPONSE: Data tables provided, see Addendum 3. Note that provided lengths are approximations only, and ay need to be adjusted based on the contractors actual installation layout.
- (54) QUESTION: Sheet C1.31; Note/Detail: Plan: Storm Drain Line #14's location on the plan isn't clear. Please provide a clear location for Line #14.
RESPONSE: Storm drain line 14 has been removed from the set, see revised Civil drawings.
- (55) QUESTION: Sheet C1.31; Note/Detail: Plan: Note 17: What is the length / orientation / diameter for this stub?
RESPONSE: SD Line #15 will be demolished in Phase 2 and a new storm drain line will extend west perpendicular to SD Line #16 at note 17. The stub is 12" HDPE pipe with invert elevation 571.60' per plans.
- (56) QUESTION: Sheet C1.31; Note/Detail: Storm Drain Data Table: Storm Drain Line #16: Length is 48ft in table but is roughly 50.3ft on drawing. What is the correct length?

RESPONSE: SD Line #16 is 50.3' long. Length and bearing updated, see Addendum 3. Note that provided lengths are approximations only, and may need to be adjusted, at no cost to owner, based on the contractor's actual installation layout.

- (57) QUESTION: Sheet C1.31; Note/Detail: Plan: Water Line #59: What is it's purpose? What is it connected to?

RESPONSE: Water line #59 serves a drinking fountain per architectural and plumbing plans.

- (58) QUESTION: Sheet C1.31; Note/Detail: Construction Notes: Most of the notes do not correspond to details on this sheet. It's unclear if drafting effort was minimized between sheets C1.31 and C1.32 and the extraneous notes on these sheets were not removed.

RESPONSE: The notes are specific to the sheet category/plan and not the sheet itself. All notes are found within the plan sheet subset (utility sheets) on one sheet or another.

- (59) QUESTION: Sheet C1.31; Note/Details: Construction Notes: Note 1 Isn't listed on this sheet.

RESPONSE: The notes are specific to the sheet category/plan and not the sheet itself. All notes are found within the plan sheet subset (utility sheets) on one sheet or another.

- (60) QUESTION: Sheet C1.31; Note/Details: Construction Notes: Note 2 Did not see it called out on the plan for this sheet. Are there any sewer cleanouts on this sheet?

RESPONSE: There is not a sewer cleanout on this sheet. The notes are specific to the sheet category/plan and not the sheet itself. All notes are found within the plan sheet subset (utility sheets) on one sheet or another.

- (61) QUESTION: Sheet C1.31; Note/Details: Construction Notes: Note 3 Did not see it called out on the plan for this sheet. Will a 2.5" Fire Department Hose Valve be needed on this sheet?

RESPONSE: There is not a FD Hose Valve on this sheet. The notes are specific to the sheet category/plan and not the sheet itself. All notes are found within the plan sheet subset (utility sheets) on one sheet or another.

- (62) QUESTION: Sheet C1.31; Note/Details: Construction Notes: Note 4: IS the elevation in parenthesis the existing elevation? Is the other elevation the proposed elevation? Are there any details for these existing manholes?

RESPONSE: Yes, the elevation in parenthesis is existing elevation, this is a typical format. The non-parenthesis elevation is proposed. There are no existing details for these manholes.

- (63) QUESTION: Sheet C1.31; Note/Details: Construction Notes: Note 5 Did not see it called out on the plan for this sheet. Will there be a water point of connection on this sheet?

RESPONSE: Yes, water line #59 ends with a POC to a drinking fountain. See revised sheets in Addendum 3.

- (64) QUESTION: Sheet C1.31; Note/Details: Construction Notes: Note 6: Did not see it called out on the plan for this sheet. Is this 2" saddle intended for Water Line #59?

RESPONSE: Yes, the 2" saddle is intended for water line #59. See revised sheets in Addendum 3.

(65) QUESTION: Sheet C1.31; Note/Details: Construction Notes: Note 7: Did not see it called out on the plan for this sheet. Where is this gate valve?

RESPONSE: There is not a gate valve on this sheet. The notes are specific to the sheet category/plan and not the sheet itself. All notes are found within the plan sheet subset (utility sheets) on one sheet or another.

(66) QUESTION: Sheet C1.31; Note/Details: Construction Notes: Notes 12-16: Did not see it called out on the plan for this sheet. Will this be needed on this sheet?

RESPONSE: Notes 12-16 do not exist on sheet C1.31. The notes are specific to the sheet category/plan and not the sheet itself. All notes are found within the plan sheet subset (utility sheets) on one sheet or another.

(67) QUESTION: Sheet C1.31; Note/Details: Construction Notes: Notes 18-28: Did not see it called out on the plan for this sheet. Will this be needed on this sheet?

RESPONSE: Note 18 added to water line #59 connection to existing water main, see Addendum 3. Notes 19-28 do not exist on sheet C1.31. The notes are specific to the sheet category/plan and not the sheet itself. All notes are found within the plan sheet subset (utility sheets) on one sheet or another.

(68) QUESTION: Sheet C1.32; Note/Details: Storm Drain Data Table: Drainage line #53 is listed on this table but is not on sheet C1.32. It is on C1.33

RESPONSE: SD Line #53 removed from data table on sheet C1.32, see revised sheets in Addendum 3.

(69) QUESTION: Sheet C1.32; Note/Details: Plan: Call out for Note 9 says to "CONNECT TO 4" PERF. PIPE". Perforated pipe is not shown on plans. Is information available as to the type, size, location of of this perforated pipe?

RESPONSE: This information is provided on the athletic field sheets. Per note on grading plan sheets, see field design plans for football field grading and drainage sheets AT1.1-AT2.2.

(70) QUESTION: Sheet C1.32; Note/Details: Plan; Drainage line #10: There could be an error here. Drainage line #10 is shown as a 4" Sch 80 pipe connecting two 6" HDPE sections of pipe. Should drainage line #10 be a 6" HDPE pipe?

RESPONSE: SD line #10 should be a 6" HDPE pipe. See revised sheets in Addendum 3.

(71) QUESTION: Sheet C1.32; Note/Details: Plan; Note 15: Are there any asbuilts available for the existing culvert that we are supposed to attach the Modified Type A4 Storm Drain Cleanouts too?

RESPONSE: No, There are no "As-Built" documents available from the District for the existing box culvert

(72) QUESTION: Sheet C1.32; Note/Details: Biobasin; No perforated pipe / gravel leech system is show in the biofiltration basin. Confirm that this is the actual design intent

RESPONSE: Design revised to include perforated pipe, see Addendum 3.

- (73) QUESTION: Sheet C1.32; Note/Details: Biobasin; Note 7 : indicates a gate valve that is to be adjusted to grade in a biobasin. This appears to be non-standard and may not meet code. Please confirm that this meets code and design intent.
- RESPONSE: Location and intent confirmed.*
- (74) QUESTION: Sheet C1.32; Note/Details: Biobasin; Plan shows Sewer passing underneath the biobasin. Please confirm that this meets code and design intent.
- RESPONSE: Sewer has adequate depth below basin.*
- (75) QUESTION: Sheet C1.32; Note/Details: Biobasin; Gas, Fire Water, Domestic Water, Sewer, and Irrigation Water lines are all passing in the footprint of the biofiltration basin. Please confirm whether any or all of these lines are passing (with sufficient clearance) underneath the biofiltration basin.
- A conflict here between the biofiltration basin / existing site utilities will require a significant reroute of all impacted utilities. Please confirm scope
- RESPONSE: Pothole pending for confirmation of existing utility depth. Scope would not include re-route of existing utilities.*
- (76) QUESTION: Sheet C1.32; Note/Details: Construction Notes: Notes 4, 11, 12, 16, 17, 20: Did not see it called out on the plan for this sheet. Will there be a water point of connection on this sheet?
- RESPONSE: There is a water POC on sheet C1.32 at the field house (bottom right of page). Notes mentioned above do not exist on sheet C1.31. The notes are specific to the sheet category/plan and not the sheet itself. All notes are found within the plan sheet subset (utility sheets) on one sheet or another.*
- (77) QUESTION: Sheet C1.32; Note/Details: Construction Notes: Note 3: Detail 5 is missing on FP6.04.
- RESPONSE: Sheet revised sheet FP6.04 for detail.*
- (78) QUESTION: Sheet C1.32; Note/Details: FW Line; Drawings show Fire Water line connecting to Domestic Water main instead of Fire Water main adjacent that domestic water main. Probably a drafting error
- RESPONSE: See revised sheet C1.32.*
- (79) QUESTION: Sheet C1.33; Note/Details: Construction Notes: Note #5: Called out on plan but not listed in Construction Notes
- RESPONSE: See revised sheet C1.33.*
- (80) QUESTION: Sheet C1.33; Note/Details: Biobasin; No perforated pipe / gravel leech system is shown in the biofiltration basin. Confirm that this is the actual design intent.
- RESPONSE: Design revised to include perforated pipe, see revised sheets in Addendum 3.*
- (81) QUESTION: Sheet C1.33; Note/Details: Plan; Drainage Line #37 to connect to Perf Pipe. Where is perf pipe? What is the size and orientation of the perf pipe?

RESPONSE: This information is provided on the athletic field sheets. Per note on grading plan sheets, see field design plans for football field grading and drainage sheets AT1.1-AT2.2.

- (82) QUESTION: Sheet C1.33; Note/Details: Storm Drain Data Table; There are numerous inconsistencies between the pipe lengths in the data table and what is actually scaled off on the drawings. Can an update data table consistent with the design be furnished?

RESPONSE: All storm drain data tables have been updated, see revised sheets in Addendum 3. Note that provided lengths are approximations only, and may need to be adjusted, at no cost to owner, based on the contractor's actual installation layout.

- (83) QUESTION: Sheet All; Note/Details: Trench Details; No Trench Sections provided for any of the services.

RESPONSE: Trenching and backfill per specifications.

- (84) QUESTION: Sheet All; Note/Details: Water; No depth information provided for water lines.

RESPONSE: Standard depth for domestic water lines is 2-feet below finish surface.

- (85) QUESTION: Sheet C2.10; Note/Details: Detail C; Typical Section: Biofiltration Basin: Shows 6" perforated Subdrain w/ Removable Threaded End Cap with Drilled Orifice at Pipe Flow Line IE per plan.

No perforated pipe is shown the plans for the biofiltration basins. Typically, there is a longitudinal perforated pipe in the graded sub-base capture the water and direct it to the Catch Basin (which then redirect the water out of the biofiltration basin). The section called out for the 45 degree elbow to be perforated. We are unaware that such an elbow exists. Additionally, its not clear why a cleanout would be added if there is not perforated pipe. The drawings as shown suggest there are errors in the drafting / design.

Should there have been a perforated pipe included in the design? If so, please provide the details.

If the drawings have drafting / design errors, please correct and update.

RESPONSE: Design revised to include perforated pipe, see revised sheets in Addendum 3.

- (86) QUESTION: Sheet C2.10; Note/Details: Detail C; 30 mil Impermeable liner not shown on slope. This appears to be an error. Usually, the liner covers the slope as well or the water can percolate into the ground outside of the biobasin media trench. Should the impermeable liner be covering the the slope? If so, please update / correct the drafting / design of the drawings.

RESPONSE: Typical basin section on sheet C2.10 revised to include impermeable liner on slopes, see revised sheets in Addendum 3.

- (87) QUESTION: Sheet C2.10; Note/Details: Detail AA; "Varies 12.0'-32.0'" and "Varies 9.0'-11.0'" limits unclear. Is this dimension to indicate the width of the sloped area or something else?

RESPONSE: Yes, dimension of sloped area varies. Section revised, see revised sheets in Addendum 3.

- (88) QUESTION: Sheet C2.10; Note/Details: Detail AA; Detail AA is not consistent with Detail C. Detail AA shows a catch and outlet pipe that is below the bottom of the biofiltration basin's 12" thick layer open graded sub-base.
- RESPONSE: Sections revised, see addendum 3.*
- (89) QUESTION: Sheet C2.10; Note/Details: Detail AA; Unclear what value this section provides that is not provided in Detail C.
- RESPONSE: Sections revised, see revised sheets in addendum 3.*
- (90) QUESTION: Sheet C2.10; Note/Details: Detail BB; Detail BB is not consistent with Detail C. Detail BB shows a catch and outlet pipe that is below the bottom of the biofiltration basin's 12" thick layer open graded sub-base.
- RESPONSE: Sections revised, see revised sheets in addendum 3.*
- (91) QUESTION: Sheet C2.10; Note/Details: Detail BB; Unclear what value this section provides that is not provided in Detail C. It's not clear where Section BB is taken.
- RESPONSE: Sections revised, see revised sheets in addendum 3.*
- (92) QUESTION: Sheet FP1.11; Note/Details: Site Plan; #9 - 8" x 8" point of connection... Is this a hot/wet tap or will college want a cut-in tee? If cut-in tee, does the college have the means to isolate this portion of the line without major disruptions to the fire water service (e.g. tripping off fire systems connected to the loop, disrupting their service).
- RESPONSE: The District wants a cut-in tee and the system is looped so the contractor will be able to isolate the section where the connection is to be made.*
- (93) QUESTION: Sheet FP1.11; Note/Details: Plan; Fire Water plan doesn't show all pipe lengths. Interpretation is needed between FP1.11 and C1.32.
- RESPONSE: Fire Water Data Table Provide on civil addendum 3. Note 26 reads "Fire Service – Refer to fire protection plans see sheet FP1.11." Note that provided lengths are approximations only, and may need to be adjusted, at no cost to owner, based on the contractors actual installation layout.*
- (94) QUESTION: Sheet: C.122 / C1.32; Note/Details: Plan; An IW backflow preventer is shown on the plan located in the biofiltration basin. What is the disposition of this item? Drafting / Design error?
- If this backflow has not been incorrectly located in the biofiltration basin, special impermeable liner boots will be required for any openings required for the IW pipe to pass through the biofiltration basin liner.
- RESPONSE: This is an existing irrigation meter, special impermeable boot will likely be required. Pothole pending for confirmation of existing utility depths in basin. Scope would not include re-route of existing utilities.*
- (95) QUESTION: Sheet FP6.04; Note/Details: Details; Detail 5 for the 2.5" Fire Department Hose Valve is missing.
- RESPONSE: See revised sheet FP6.04.*

(96) QUESTION: Sheet: Question on Design; Note/Details: Drainage: Water captured by drainage system on the right side of the softball field does not discharge into biofiltration basin prior being directed to the Modified A4 drainage cleanouts that discharge the water off site. Is it the design intent for this water not to pass through the biofiltration basins?

RESPONSE: This is the design intent. That is considered to be "landscape" water collected from landscape areas, and does not require treatment.

(97) QUESTION: Sheet: Question on Design; Note/Details: Drainage; The drainage design for the site shows all drainage waters redirected to the culvert that passes under West Mission Road. The culvert continues under ground to the existing Sprinter passenger train railway. Can the designers confirm that the waters redirected to the culvert will not negatively impact facilities downstream of the project site?

RESPONSE: Drainage study performed, and no negative impacts were found.

(98) QUESTION: The Schedule of Masonry Finishes on Sheet A9.31, Show Exterior of CMU Walls on Buildings to be Regal Ground Face, and Note 6 says the All-Interior Faces of Masonry Walls to Remain Unpainted, Please Verify That All Interior Masonry Faces on All Buildings are to be Precision Natural and Unpainted. Regal Ground Face is applies only on Exterior of Masonry Buildings and Retaining Walls.

RESPONSE: Note 8 has been added to A9.31 to refer to finish plans for Regalstone dual ground face blocks locations. See revised sh AA2.212, AB2.11, AB2.21, AB2.31, AE2.11, AF2.11, AF2.12.

(99) QUESTION: Sheet FP6.04; Note/Details: Details; Detail 5 for the 2.5" Fire Department Hose Valve is missing.

RESPONSE: This question will be answered in Addendum #4.

(100) QUESTION: Sheet: Question on Design; Note/Details: Drainage: Water captured by drainage system on the right side of the softball field does not discharge into biofiltration basin prior being directed to the Modified A4 drainage cleanouts that discharge the water off site. Is it the design intent for this water not to pass through the biofiltration basins?

RESPONSE: This question will be answered in Addendum #4.

(101) QUESTION: Sheet: Question on Design; Note/Details: Drainage; The drainage design for the site shows all drainage waters redirected to the culvert that passes under West Mission Road. The culvert continues under ground to the existing Sprinter passenger train railway. Can the designers confirm that the waters redirected to the culvert will not negatively impact facilities downstream of the project site?

RESPONSE: This question will be answered in Addendum #4.

(102) QUESTION: The Schedule of Masonry Finishes on Sheet A9.31, Show Exterior of CMU Walls on Buildings to be Regal Ground Face, and Note 6 says the All-Interior Faces of Masonry Walls to Remain Unpainted, Please Verify That All Interior Masonry Faces on All Buildings are to be Precision Natural and Unpainted. Regal Ground Face is applies only on Exterior of Masonry Buildings and Retaining Walls.

RESPONSE: This question will be answered in Addendum #4.

END OF ADDENDUM #3

Date Issued: Feb 11, 2022

A handwritten signature in blue ink, appearing to read "Ambur Borth".

Ambur Borth, Assistant Superintendent
Vice President Finance & Administrative Services
Palomar Community College District

Addendum 3 - Bid 102-22

Final Audit Report

2022-02-11

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