

# ADDENDUM NO. 4

Date: April 1, 2024

Issued by: Sacramento City Unified School District

Project: Project #: 0525-470 John F. Kennedy HS Baseball/Softball/Tennis Court Improvements

L4.1 thru 4.4- grading & limit of grading updates.

L5.1- drywell line location change, french drain at backstop added CO, bioswale drainage adjusted per size change, and SSCO information updated at building.

L5.2- gate valve at fire hydrant shown, bioswale drainage adjusted, SSCO & SSMH information updated, and FD with existing SD system connection at northeast infield updated.

L7.1- gate added for fire access at west property fence line, dbl gates updated, fence cap locations and coarse cinders at backstop drain.

L7.2- coarse cinders at backstop drain, dbl gates updated, edge band at planter added, and fence cap locations.

L7.3- existing fines at practice fields to be regraded, tennis walkway is larger, and alternate called out.

L8.1 thru 8.4- legend updates, mainline re-routed, quick coupler system at ballfields updated, valve locations modified, additional irrigation at baseball and adjacent landscape, maintance yard layout updated, practice field irrigation modified, and landscape at baseball field modified. L9.1- plant counts adjusted and plant type changes.

L9.2- plant counts adjusted, plant type changes, bioswale planting added, and grass inlieu of bark at planter.

L9.3- baseball infield planting shown.

D2.1- - 669 7 . / / . , 6 6 , / 6 : . / . 8. curb detail added.

D4.1- fence/gate schedule updated 8. backstop detail updated.

 D4.2 ,
 8.
 updated with no side perf. panels,
 8.
 :.
 /.
 A32 9: 36

 removed,
 8.
 :.
 /.
 8.
 7 9 /.
 9

D4.3- ... /. 0 97 D4.2 and attachments updated.

D5.1- 7 9. 303. /- 398 7 9. 303. /- 398 8. - 669 :. /. /- 398 :. /. 8. removed.

D5.2- 297 / : 6 / /7 , / . 7 / 8 - 2 81 / 8. clarification of padding locations, and 8. - 669 : . / . .

D5.3- 297 / : 6 / /7 , / . 7 /8 - 2 81 / 8. - 6 303 398 90: . . 381 69- 398 and 8. callouts updated.

D5.4- 8. - 27 / 8 : . / . .

D6.2- all detail re-arranged and updates specifically clouded.

S1.1, 2.1, 2.2, 8.1, 8.2- general note updates, calculations, rebar sizes & bends, scoreboard weight, batting cage sizes, and roof attachment.

E1.1 and 2.1- additional callouts and detail update.

E3.1 and 3.2- storage light added.

E5.1- revised for scoreboard and other items.

SB0.1- Table A updated.

G1- notes updated.

G2- calculations and notes updated.

G3- tables updated to 2022.

A5.2- rebar locations and hooks updated.

A6.1- updates to fastener size and embedment.

S7.2- note modifications.

S7.3- dowel and rebar updates.

S8.1 thru 8.4- CBC updates and reinforcement updates.

S9.1, 10.1 and 10.2- manufacturer, plates, brackets, and roof updates.

R2- decking and facia updates.

# BIDDER QUESTIONS:

Q1: Specification Section 32 80 00 2.02(B-1 through 5) references mainline to be Schedule 40 with SW fittings 2" and small, Class 200 2.5" and larger, 4" and larger to be class 200 with ductile iron fittings. Plan page L8.1 irrigation legend references all mainline to be class 200. Which is accurate?

## A1: Specifications take precedence. Also updated plans included within this Addendum.

Q2: It appears that on page L9.2 & L8.2 just East of the POC and controller location a tree is located here, but no tree bubbler. Is this accurate? If not, please provide lateral line and bubbler location.

# A2: Item has been updated. Refer to updated plans included within this Addendum.

Q3: It appears on page L9.1 & L8.1 just North of the softball diamond a tree is located here, but no tree bubbler. Is this accurate? If not, please provide lateral line and bubbler location.

# A3: Item has been updated. Refer to updated plans included within this Addendum.

Q4: Tree bubblers shown on irrigation layout does not match the irrigation legend symbol, are we still to assume RZWS or is there another bubbler that should be listed?

A4: Item has been updated. Refer to updated plans included within this Addendum.

Q5: Irrigation POC shown on page L8.1 is assumed to be existing and landscape contractor is to only tie into an existing line. Is there replacement of any booster pump, controller, master valve, flow sensor or backflow prevention devices? If so please indicate and provide model numbers, sizes, and manufacturer recommendation for all items.

# A5: Item has been updated. Refer to updated plans included within this Addendum.

Q6: Does the redwood header board shown on page D6.2 detail R need to be installed where sod and mulch meet? As well as the locations of sod and mulch meet where fence is located? A6: Refer to L7.2-7.3 for locations of header board. The symbol is noted in legend and located on plans.

Q7: Is there any synthetic turf on this project? It seems like it would be, but I don't see anything in the specs. A7: Synthetic turf and pad is called out in specification 32 33 00 Site Furnishings (updated specification included within this Addendum).

Q8: Please provide length of root barrier.

A8: Root barrier length is to be 2' longer than the anticipated mature tree canopy diameter.

Q9: Refer to material plan, redwood header board is shown on legend but not shown on plan. Please clarify. *A9: Refer to L7.2-7.3 for locations of header board. The symbol is noted in legend and located on plans.* 

Q10: Please provide specifications for Synthetic turf.

# A10: Synthetic turf and pad is called out in specification 32 33 00 Site Furnishings (updated specification included within this Addendum).

Q11: Please confirm that thrust block shall be installed for pipes using ductile iron fitting also. Please clarify. *A11: Refer to specification section 32 80 00 3.04 C.* 

Q12: Please confirm the water source shall be domestic.

A12: Confirmed.

Q13: Please confirm existing controller has enough capacity for new Remote control valves installation. *A13: Refer to updated plans included within this Addendum for controller information. Please coordinate with district for ideal locations.* 

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Construction completion. Please confirm that only the sod needs to be in place and the second mowing is part of the landscape maintenance period. The remaining sitework including tree planting continues as part of the construction period.

# A27: Please refer to Addendum item AD4.01 and AD4.02 for revised schedule and completion dates.

Q28: Sheet L2.1: Erosion and Sediment Control Plan: There is a symbol for construction fence on the legend but there is nothing drawn in on the plan. Please clarify where it is at or there at all.

# A28: Construction fencing is located on L3.1-3.4 Demolition Plans (updated plans included within this Addendum).

Q29: Sheets L3.1-L3.3: Demolition Plans: Demolition Note #23 states existing irrigation valves, lateral lines, and rotors to be demolished and removed or abandoned, refer to Irrigation Plan L9.1 (assume this meant to be L8.1). Please provide an as

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# A40: Please refer to Addendum item AD4.01 and AD4.02 for revised schedule and completion dates.

Q41: Section Addendum #2 Scheduling of Work at the top states missing established milestones subjects the Contractor to liquidated damages. Document 00 52 13 Agreement 6. Liquidated Damage is applied past the date herein prescribed in completion of the Work. No liquidated damages are indicated for milestones which if applicable and typically a much lesser amount. Please clarify if liquidated damages apply to milestones and if so, state the amount of liquidated damages for each milestone.

# A41: Please refer to Addendum item AD4.01 and AD4.02 for revised schedule and completion dates.

# END OF ADDENDUM NO. 4

Acknowledgement of this Addendum will be required at time of bid.

ID	Task Name	Duration	Start	Finish
1	John F Kennedy HS Baseball-Softball Fields/Tennis Court Improvements	5 ! days	Fri ''/#/\$%	&on %/%#/\$5
2	esi(n	#5# days	Fri "/#/\$%	&on #/\$"/\$)
3	50% CDs	0 days	Fri 9/1/23	Fri 9/1/23
4	50% CDs Review with District	11 days	Fri 9/1/23	Mon 9/11/23
5	DSA Su ! itta"#Review#A\$\$rova"	1% <b>&amp;'</b> w <b>(</b> s	) ed 10/25/23	Mon 1/29/2*
6	Bid/*+ard	, days	Tue %/5/\$)	&on 5/\$-/\$)
7	Advertise	0 days	+ue 3/5/2*	+ue 3/5/2*
8	2nd Advertise! ent	0 days	+ue 3/12/2*	+ue 3/12/2*
9	Mandatory, re- id. 10a!	0 days	) ed 3/13/2*	) ed 3/13/2*
10	RF/0ls Due y 2\$!	0 days	Mon 3/1%/2*	Mon 3/1%/2*
11	Issue Addenda 3 y 10a!	0 days	+ue */2/2*	+ue */2/2*
12	2nd RF/0s Due y 10a!	0 days	Fri */5/2*	Fri */5/2*
13	Issue Addenda * y 2\$!	0 days	Mon */%/2*	Mon */%/2*
14	/id 1\$enin2 . 2\$!	0 days	+hu */11/2*	+hu */11/2*
15	Issue 3 otice of Intent	0 days	) ed */15/2*	) ed */15/2*
16	Antici\$ated /oard Action	0 days	+hu 5/1' /2*	+hu 5/1' /2*
17	lssue 3+,	0 days	Mon 5/20/2*	Mon 5/20/2*
18	Constru.tion	%#\$ days	Fri 5/\$)/\$)	&on %/%#/\$5
19	Mo i"i6e	0 days	Fri 5/2*/2*	Fri 5/2*/2*
20	Construction	' ! ons	+ue 5/2%/2*	+ue 9/2*/2*
21	7andsca\$e Maintenance	90 days	) ed 9/25/2*	Mon 12/23/2*
22	, unch"ist wor(	55 days	Mon 10/1*/2*	Fri 12/25/2*
23	, unch"ist co! \$"ete 8 \$ro%ect acce\$tan	c0 days	Mon 12/30/2*	Mon 12/30/2*
24	C"oseout co! \$"ete	0 days	Mon 3/31/25	Mon 3/31/25

## SECTION 13 34 23

#### PRE-ENGINEERED RESTROOM BUILDING

#### SECTION 1: BUILDING SUPPLIER SCOPE

## 1.1 SUMMARY

A. The work shall indude furnishing the sealed architectural, structural, mechanical, and electrical plan sets and furnishing the structural, mechanical, and electrical building components as a complete, pre-designed restroom building package as shown on drawings and as specified herein.

#### 1.2 GENERAL REQUIREMENTS

- A. Packaged building design and engineering and furnishing all specified building package components shall be supplied by Romtec, Inc. (or equal) hereafter designated as the *building supplier*.
- B. The building and its concrete footings, foundation, and slab are to be engineered by the *building supplier* to meet site-specific conditions, including wind and snow loading, local frost depth, and ground conditions.
- C. Fasteners that are normally included with individual components, as we all any atypical fasteners, shall be supplied by *building supplier*.
- D. Building is designed and constructed to meet local codes and approvals for permanent structures.
- E No approval by any external entity will override the local building authority's codes and inspections. Seals meant for modular homes and production plant certifications will not be allowed in lieu of sealed plans from a licensed engineer and conventional inspection during construction.
- F. Building sidings, treatments, and roofing are to be as specified.
- G. The building supplier shall provide complete, code-compliant building plans including plans, elevations, sections, and details, under the seal of a certified technical designer.eu(16TD64 -1.0898 Tveu nTwphwgnernr98 TTT8 1 Tf.988 0 TD0 n69i-.05509of

- 3. Interior Restroom lights to be LED up and downlights with cast-aluminum housing with corrosion-resistant paint in dark bronze. Polycarbonate lens.
- 4. Restroom lights controlled by motion sensor.
- 5. Interior mechanical room lights to be surface mount, 48" LED light fixtures.
- 6. Mech room lights controlled by switch (switches by installer).
- C. Electric, tankless, 4.8kw water heater supplied by building supplier.
- D. Wall mount, stainless steel, hand dryer with 14 second dry time supplied by building supplier.
- E Wall mount, stainless steel, Murdock bi-level water cooler/bottle filler with stainless steel guard rails.
- F. Main breaker panel shall be supplied by *building supplier*.
  - 1. Breaker Panel shall be 100 Amp, single-phase, indoor.
    - <u>Note</u>: Breaker panel shall be sized to accept only the loads of the **building supplier** electrical fixture package. The **building supplier** should modify the main breaker panel as needed to be most efficient based on any design changes.

## 2.5 STRUCTURE

- A. Concrete Masonry Units (CMU) shall be supplied by *building supplier*.
  - 1. Walls shall be constructed of 8"W x 16"Lx 8"H split-face mortar joint concrete masonry units (concrete blocks).
  - 2. Blocks shall be manufactured to ASTM C90 designation for load bearing concrete masonry units.
  - 3. Block color to be *Gray* or as selected by District in submittal process.
- B. Sanitary tile cove base on interior restroom walls to be supplied by *building supplier*.
- C. Wire weave vents for natural ventilation shall be supplied by building supplier.
  - 1. Pre-assembled steel frame with 10-gauge, 1" square lock joint wire weave mesh integral insect screen.
  - 2. Steel frame shall be primed and painted black.
- D. Door system components shall be supplied by *building supplier*. Color per District selection during submittal process.
  - 1. Doors shall be Steelcraft® L14 standard laminated honeycomb core and 14-gauge galvanized steel.
  - 2. Door frame shall be pre-welded Steelcraft® 3-Sided flush frame, 14-gauge galvannealed A-60 steel.
  - 3.

4. Stage 4 pallets shall indude plumbing and electrical fixtures and other finish materials such as toilets, sinks, drinking fountains, electrical fixtures, accessories, etc.

#### SECTION 3: BUILDING INSTALLER SCOPE

The installing contractor or subcontractor, hereafter designated as the *building installer*, is responsible for building package installation. *Building installer* work will generally include foundation/ pad construction and building package assembly/ construction.

<u>Note</u>: Building supplier's scope is separate from the building installer's scope. Romtec, Inc., is the approved building supplier, not a designated building installer.

## 3.1 CONSTRUCTION SUBMITTALS

A. If required by *District* and/ or reviewing authority, *building installer* shall submit product data sheets and relevant information about the specified *building installer* supplied products below for review and approval.

#### 3.2 WARRANTY

A. Building installer's work shall be warranted against defects in

- B. Footings for the building package are to be dug by the *building installer* and poured on-site to meet local code for permanent structures. A prefabricated, modular mat placed on compacted base is not an accepted equal to a site specific, site poured, engineered foundation.
- C. Engineered fill shall be 3/4" minus crushed aggregate around footings, foundations, and slabs, or as required in the final approved plans.
- D. Sab vapor barrier shall be 6-mil continuous plastic under the concrete slab, or as required in the final approved plans.
- E The foundation shall be installed as designed with all cast in-place concrete poured to dimensions specified, or as required in the final plans.
  - 1. Footings will be built to minimum 24" depth or greater if required by local frost depth or permitting authority.
  - 2. Minimum compressive strength of foundation concrete shall be 3,000 psi at 28 days, 4" +/-1" slump, with max <sup>3</sup>/<sub>4</sub>" aggregate, cured in accordance with ACI 308, or as required in approved final plans.
  - 3. Slabs shall have a fine broom finish with joints required in flat work as shown on plans.
  - 4. Steel rebar shall be installed as specified in final plans.
- F. Building installer shall supply and install concrete slab sealer.
  - 1. Concrete slab sealer shall be a water-based, transparent curing, sealing and dust proofing compound with two (2) coats to be applied per manufacturer's instructions.

#### 3.6 PLUMBING

- A. Flumbing rough-in, installation and trim within 10' of the building footprint shall be provided by *building installer*.
  - 1. All underground water service and sewer drain(s) from building to be as specified in final approved site plan.
  - 2. Building water shutoff valve, drain, and all rough piping shall be as shown on final building plans. Final installation location to be determined onsite.
  - 3. Install the building package plumbing fixtures per the final approved plans.
  - 4. Fiping shall be installed per the final approved plans with minimum pipe sizing per 2009 Uniform Humbing Code Section 610.
- B. Roor drains in the building shall be supplied and installed by *building installer*.
  - 1. All floor drains shall be as shown on final approved plans.

#### 3.7 OTHER MATERIALS & EQUIPMENT

- A. Unless otherwise specified, the following products and materials are supplied by *building installer* (if applicable).
  - 1. Building package installation
  - 2. Cast-in-place concrete foundations, footings, interior slabs
  - 3. Concrete slab & block sealer
  - 4. Mortar
  - 5. Concrete grout
  - 6. Rebar
  - 7. Latex epoxy paint
  - 8. Caulk for siding
  - 9. Plumbing rough in, installation and trim
  - 10. Electrical rough in, installation and trim
  - 11. Switches & outlets
  - 12. Typical fasteners; for example: roofing nails, staples, etc.
  - 13. Fasteners not included in product packaging
  - 14. Wood sealant for all decking, glulam beams, posts, and extensions
  - 15. All other items within the building footprint indicated on final plans or required by building codes to complete installation of the building package which are not specifically stated as supplied by *building supplier*.

#### 3.8 DELIVERY, STORAGE, AND HANDLING

A. The *building installer* will be responsible for all equipment and labor required for off-loading of the delivered building package onsite.

- B. The *building installer* will assume responsibility for adequate protection and maintenance of delivered building package materials from weather, damage, and pilferage during installation work. Any failure to adequately protect building package materials that affects the warranty of those materials will be at *building installer's* expense.
- C. Building installer shall collect and maintain for final delivery to District any operation & maintenance manuals included by individual product manufacturers with their respective product packaging. Any failure to collect, maintain, and/ or deliver these O&M manuals to the *District* that results in fees from *building supplier* for additional copies shall be at *building installer's* expense.

## SECTION 4: CONTRACTOR SCOPE ITEMS

The items in this section may be provided by the same *building installer* as defined in Section 3 above (typically when a single entity is acting as both the *building installer* and *contractor*), or the items in this section may be provided by a separate entity such as a general contractor or site contractor, hereafter designated as *contractor* (typically when the *building installer* is a separate subcontractor). *Contractor* work will generally include site preparation and grading, excavations for structures, backfill and/ or structural backfill, and any site or utility work outside the building package footprint.

Items in this section are generally to be completed prior to *building installer* beginning its installation work described in Section 3 above.

#### 4.1 CONSTRUCTION SUBMITTALS

A. If required by *District* and/ or reviewing authority, *contractor* shall submit product data sheets and relevant information about the specified *contractor* supplied products below for review and approval.

## 4.2 WARRANTY

- A. *Contractor's* work shall be warranted against defects in materials and workmanship for a period of not less than one (1) year from the date of acceptance. Acceptance is the date that installation work for the building package is completed, including any relevant final punch list. In the event that final acceptance of the completed building is delayed for reasons beyond *contractor's* control, the warranty shall be one (1) year from the completion of *contractor's* installation work and demobilization.
- B. *Contractor* shall pass through to District all relevant manufacturers warranties for individual products and components supplied by *contractor*.

#### 4.3 ELECTRICAL

- A. Incoming electrical utility lines to within approximately 10' of the building shall be provided by *contractor*.
   1. All underground and/ or overhead service to building shall be as specified in the final site plan.
  - All the ground and/or overhead service to building shall be as specified in the marste plan.
     Bectric meter base and all rough wiring, switches, plugs and circuit breakers shall be as shown on final plans.
- B. Contractor supplies and installs the meter base and meter.

#### 4.4 CAST IN-PLACE CONCRETE FOR BUILDING EXTERIOR

- A. All equipment, labor, trades, and materials shall be supplied by *contractor*.
  - 1. Indudes all materials and labor for exterior/ entry slabs and sidewalks.
- B. Refer to drawings for sidewalks and entry slabs.
  - 1. Minimum concrete compressive strength of 2,500 psi at 28 days, or as required in final approved plans.
  - 2. Remesh or rebar reinforcement shall be used in sidewalks.
  - 3. All sidewalks shall be finished with a fine broom with control joints installed per the final approved site plan.

#### 4.5 PLUMBING

- A. Incoming plumbing to within approximately 10' of the building shall be provided by *contractor*.
  - 1. All underground water service and sewer drain(s) from building to be as specified in final approved site plan.
  - 2. Building water shutoff valve is to be supplied and installed by *contractor*.
  - 3. *Contractor* is responsible to ensure that incoming water pressure is sufficient to meet building package fixture demands.
  - 4. Minimum water pressure at toilet and urinal flush valves shall be 40 psi with minimum pipe sizing as per 2009 Uniform Rumbing Code Section 610, or as required in final approved plans.

ADDENDUM 04 TECHNICAL SPECIFICATIONS 03/28/2024