
SAN FRANCISCO UNIFIED SCHOOL DISTRICT
2011 PROPOSITION A BOND PROGRAM
George Peabody Elementary School
New Multipurpose Building and Modernization

ADDENDUM NO. 3

PROJECT: George Peabody Elementary School
New Multipurpose Building and Modernization
251 6th Avenue, SF CA 94121

DATE: August 9, 2013

OWNER: San Francisco Unified School District
135 Van Ness Avenue
San Francisco, CA 94103

DSA FILE NO.: # 38-1

DSA APP. NO.: 01-113174

Notice is hereby given to all prospective bidders that plans and specifications on the subject project are modified as hereinafter set forth. This Addendum shall be attached to and form a part of the plans and specifications. All bidders must acknowledge receipt of this addendum on the Bid Form. In case of difference with previous addenda or communications, this addendum takes precedence.

It is the responsibility of all bidders to notify all subcontractors from whom they request bids and from whom they accept bids of all changes contained in this addendum.

BID CLARIFICATIONS

ITEM NO. AD3.1

RFI No. 1 – Request for Manufacturer and Air Handler Unit Model Numbers

Seasons Four Manufacturer w/ custom interior parts

AC-1: Lower Unit Model # - SMZE18-XXXA-DN2.5-06SE

AC-2: Upper Unit Model # - 6MZE18-XXXA-DN4.5-10SE

Refer to Mechanical drawing 1/M6.00 and specifications for refurbishment detail/scope.

ITEM NO. AD3.2

RFI No. 2 – Request for Information regarding sprinkler head locations and fire protection documentation.

See Fire-Protection Drawings, FP0.00, FP1.10, FP2.20 and FP2.21 for all scope, Architectural sheets show head locations for coordination with ceiling layouts only, refer to FP sheets above for all sprinkler demolition/new scope and to specification section 13930 Fire Suppression Sprinkler System.

ITEM NO. AD3.3

Request for Substitution for Markerboards and Tackboards– A request from Nelson Adams/NACO was received requesting acceptance of their markerboards and tackboards..

The District Architect has reviewed the product and approved Nelson Adams/NACO Markerboards and Tackboards as an equal product.

SPECIFICATION NARRATIVES

ITEM NO. AD3.3

Reference: Section 00010 Table of Contents

Description: Add specification section DIVISION 2 – Site Construction
“02881 PLAYGROUND EQUIPMENT”

ITEM NO. AD3.4

Reference: Section 02881 Playground Equipment

Description: Insert specification section 02881 Playground Equipment (6 pages).
Coordinate salvaged storage location and phasing with owner.

ITEM NO. AD3.5

Reference: Section 15400--- Plumbing Piping and Valves

Description: Revise Part 3, Section 3.13 Title to read.
Add to Part 3, Section 3.13, Item D.

“3.13 STERILIZATION, DISINFECTION OF DOMESTIC WATER PIPING”

“D. Contractor’s Responsibility:

- 1. Contractor shall take water samples, procure bacteriological analysis, and issue a written Certificate of Disinfection to the District.*
- 2. Disinfecting Agent: One of the following may be used:*
 - a. Hypochlorite, calcium or sodium, powdered or aqueous.*
 - b. "Purex", "Clorox", or equal with 5.25% or 16% available chlorine in water solution.*
- 3. Preliminary Preparations:*
 - a. Service Cock: Provide 1-1/2" or 3/4" service cock or valve within 5 ft of supply line for introducing disinfecting agent into lines.*
 - b. Flushing: After final pressure tests, each fixture or outlet shall be left wide open until flow shows only clear water.*
- 4. Procedure:*
 - a. Piping to be disinfected shall be drained.*
 - b. Inject disinfectant into system through service cock by means of pump or pressure device at a slow, continuous rate simultaneously with reduced flow from water main, until an orthotolidin test at each outlet shows chlorine residual concentration of at least 50 parts per million (ppm).*
 - c. Close outlets and valves, including main service valve and injection cock, to retain chlorinated water. Maintain this condition for 24 hours.*
 - d. An orthotolidin test, after 24 hour period, shall indicate a chlorine residual concentration of not less than 50 ppm. An orthotolidin test reading less than 50 ppm shall result in repetition of procedure.*
 - e. After satisfactory completion of above test, domestic water system shall be drained and flushed until orthotolidin tests show a chlorine residual of not more than 0.5 pp.*

5. *Alternate procedure: For alteration work involving branch lines of 20 ft length or less, following alternate procedure may, at Contractor's option, be followed:*
 - a. *Ascertain before installation that pipe and fittings are substantially clean.*
 - b. *Using a solution of one part "Purex", "Clorox", or equal, to ten parts water, thoroughly swab pipe and fittings immediately prior to assembly.*
 - c. *Immediately after assembly, cap or plug assembled piping against entry of contamination, in a manner acceptable to Architect. Maintain this condition until final connection.*
 - d. *Immediately after connection, flush new piping thoroughly with water.*

6. *Preliminary Approval: After satisfactory completion of disinfection procedure, the approved specialist, such as Bennett Marine Company; may issue a temporary approval for immediate use of piping system pending bacteriological analysis of water samples.*

7. *Bacteriological Analysis of Water:*
 - a. *After final flushing (Paragraph 4.e or 5.d above), water samples shall test negative for coliform aerogenes organisms.*
 - b. *Analysis shall indicate total plate count less than 100 bacteria per cc.*

8. *Final Approval: Upon satisfactory completion of analysis (Paragraph 7.a and 7.b above), approval of water system disinfection results will be given by District. If analysis results are not satisfactory, disinfection procedure shall be repeated until the specified standards are met.*

9. *Where other industrial water lines connected to domestic mains are protected by an appropriate backflow protector, these lines shall not be included in disinfection procedures.*

10. *Wherever alteration work results in removal of piping or water outlets, no dead-end branches are to be left in system because of their tendency toward bacteria buildup. It is a requirement of this specification that dead end lines shall be cut back, valved and capped within 6 inches of a live main."*

DRAWINGS

ARCHITECTURAL
ITEM NO. AD3.6 No Items

END OF ADDENDUM #3 ITEMS

SECTION 02881

PLAYGROUND EQUIPEMENT

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes: Playground equipment, including removal and reinstallation of selected parts of the existing playground structure.
- B. Related documents include Section 02791 Playground Protective surfacing.

1.2 SUBMITTALS

- A. Product Data: Manufacturer's current published specifications, including product brochures and manufacturer's installation instructions for each item.
- B. Shop Drawings: Showing layout and attachment of each item.
- C. Material supplier or equipment manufacturer shall submit a written statement asserting that the supplied material and equipment and methods of installation meet all the requirements specified in this Section.

1.3 QUALITY ASSURANCE

- A. All playground equipment shall be accessible to and usable by children with disabilities and shall meet the requirements of CPSC publication #325, ASTM F 1487-05 and ADAAG guidelines for play areas. Manufacturer shall demonstrate that the design of each play area satisfies ADA standards for ground level accessible routes and for the number and type of ground level/elevated components.
- B. Manufacturer shall submit list of at least 5 projects where the playground equipment to be used on this Project has been installed and has been in successful service for at least 5 years. Include name, address and date of each installation, with name and telephone number of owner or purchaser and contact person, and name of service/maintenance organization.
- C. Manufacturer shall provide a Certificate of Insurance covering both product and general liability, of not less than \$1,000,000. The issuing underwriter shall be AA rated.
- D. Installer of playground equipment shall provide proof of liability insurance of at least \$1,000,000 from a reputable insurance company covering defects in materials, workmanship, and installation. The liability insurance shall cover all bodily harm resulting from failure of playground equipment due to installation defects, and shall remain in effect for a minimum period of 2 years.

- E. The play area shall be inspected by a NPSI-certified Playground Inspector as required by the California Playground Safety Regulations. The District shall hire an independent inspector. Final Acceptance will not be granted until the Project is certified as compliant.
- F. A manufacturer's representative experienced in the installation, adjustment, and operation of the playground equipment shall be on-site during salvage operations and during installation. Manufacturer's certified installer shall be acceptable to meet this requirement. The representative shall supervise the installation and adjustment of the playground equipment to ensure that the equipment meets the requirements of CPSC and ASTM F1487.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Keep equipment in protective wrapping until ready for installation.
- B. Handle equipment carefully to prevent damage. Replace damaged parts at no cost to the Owner.

1.05 WARRANTY

- A. Give Owner a two year warranty from the certified installer against failure of the installation.
- B. Give Owner 2 year warranties from the equipment manufacturer against structural failure of any new replacement parts due to corrosion/natural deterioration or manufacturing defects such as bubbling, de-lamination, peeling, loss of integrity, poor ultraviolet stability, lack of permeability, or general deterioration due to weather.

1.05 CERTIFICATION

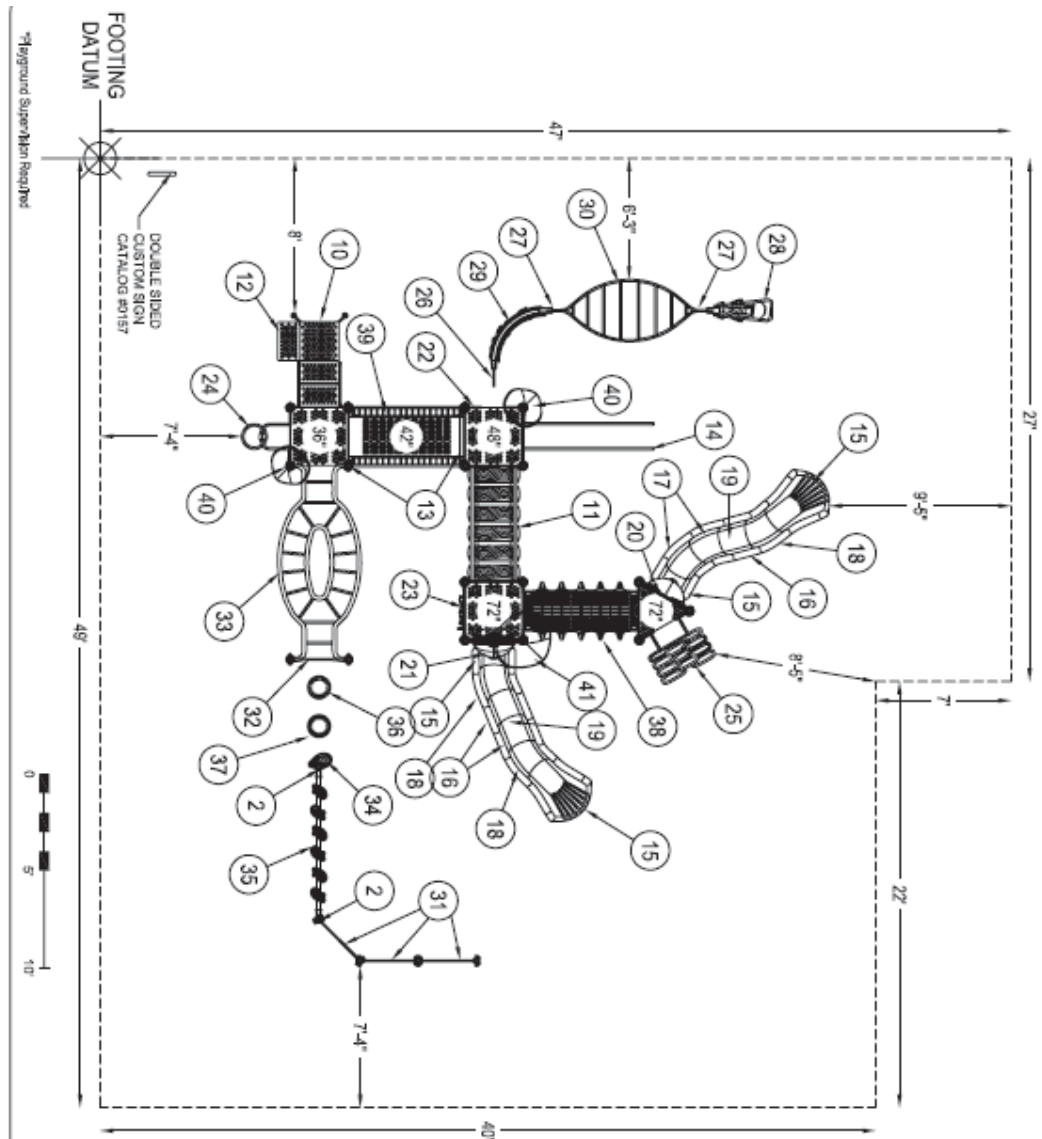
- A. The Contractor is to provide access to the area for an inspection by a District hired NPSI certified Playground Inspector as required by California Playground Safety Regulations. The Final Acceptance will not be granted until the project is certified to be compliant

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Existing equipment is Playworld System (www.playworldsystems.com) and was installed in 2008. Any additional parts required for complete installation to be by same manufacturer and in the same color scheme as existing.

1. For reference see original bill of materials and parts layout of existing play structure, included in this section. Note not all parts are required to be reinstalled, per plans:



PLAYWORLD

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 Playworld® is a brand of Playworld Systems, Inc.

PROJECT NO: 085419.KAB	REV: A	DATE: 29-SEP-08
SYSTEM: CHALLENGERS		SCALE: 3/16" = 1'-0"
SITE PLAN		DRAWN BY: DANA GRUBBS

KaBOOM! CA
 400 S. El Camino Real
 Suite 260
 San Mateo, CA 94402

CPSC #325	55 USERS	5-12	34' X 31' X 14'
8 FT	2148 Sqft	48' X 47'	

GEORGE PEABODY ELEM. SCHOOL

Design No: 085419A - Bill of Materials

Ref. No.	Part Number	Description	Quantity
Posts			
1	ZZCH0009	3.5in OD x 112in STEEL POST W/RIVETED CAP	1
2	ZZCH0009GZ	3.5in OD x 112in GROUND ZERO POST	2
3	ZZCH0018	3.5in OD x 124in STEEL POST W/RIVETED CAP	3
4	ZZCH0028	3.5in OD x 136in STEEL POST W/ RIVETED CAP	7
5	ZZCH0048	3.5in OD x 160in STEEL POST W/ RIVETED CAP	6
6	ZZCH0049	3.5in OD x 160in STEEL POST POST W/O CAP	2
7	ZZCH0069	3.5in OD x 184in STEEL POST W/O CAP	1
Decks & Kick Plates			
8	ZZCH0616	SQUARE COATED DECK ASSEMBLY	3
9	ZZCH0617	TRIANGULAR COATED DECK ASSEMBLY	1
ADA Items			
10	ZZCH2007	TRANSFER STATION w/TALL GUARDRAIL (36in DECK)	1
11	ZZCH8230	DECK TO DECK ACCESSIBLE CLIMBER (24in RISE)	1
12	ZZUN2019	APPROACH STEP FOR TRANSFER STATION	1
Slides			
13	ZZCH2805	ENTRY SUPPORT BRACKET	2
14	ZZCH2887	48in BANISTER GLIDE	1
15	ZZCH3136	SLITHER SLIDE ENTRY/EXIT	2
16	ZZUN3156	SLITHER SLIDE (STRAIGHT - SECTION)	3
17	ZZUN3157	SLITHER SLIDE (RIGHT SECTION)	2
18	ZZUN3158	SLITHER SLIDE (LEFT SECTION)	3
19	ZZUN3169	SLITHER SLIDE SUPPORT LEG 3ft-6in	2
Activity Panels			
20	ZZCH4319	FIND THE WAY HOME PANEL (GROUND LEVEL)	1
21	ZZCH4646	STORE FRONT PANEL	1
Barriers			
22	ZZCH4288	ACCESS GATE	1
Climbers			
23	ZZCH8978	CLIFF HANGER (72in DECK)	1
24	ZZCH8140	SPIRAL CLIMBER (36in DECK)	1
25	ZZCH8280	HOPSCOTCH CLIMBER (72in DECK)	1
26	ZZUN0167	ROCKBLOCKS DECK ACCESS SUPPORT (36in - 48in DECK)	1
27	ZZUN0178	ROCKBLOCKS END SUPPORT (60in WALL)	2
28	ZZUN8360	ROCKBLOCKS END WALL (60in)	1
29	ZZUN8370	ROCKBLOCKS 90 DEGREE WALL (84in TO 60in) RIGHT	1
30	ZZUN8417	THE HELIX (60in & 84in WALL)	1
Overhead Events			
31	ZZCH5736	CHINNING - TURNING BAR	3
32	ZZCH5970	OVERHEAD EVENT ACCESS LADDER (36in DECK)	1
33	ZZCH8966	119in ROUNDABOUT HORIZONTAL LADDER	1
Balance			
34	ZZCH0149	STEP AROUND	1
35	ZZCH8857	CRITTER CROSSING	1
36	ZZUN7140	STATIONARY BUTTONS (12in)	1
37	ZZUN7146	STATIONARY BUTTONS (18in)	1
Bridges			
38	ZZCH6406	CRAZY BONES 6ft FLAT BRIDGE	1
39	ZZCH7085	6ft CATWALK	1
Roofs & Arches			
40	ZZCH9847	SMALL LOLLITOPS	2
41	ZZCH9848	MEDIUM LOLLITOPS	1
Additional Tool & Maintenance Kits			
42	ZZCHGUID	CHALLENGER GUIDELINES	1
43	ZZUN9910	SURFACING WARNING LABEL KIT	1
44	ZZUN9930	PIPE SYSTEMS MAINTENANCE KIT W/ AEROSOL	1
45	ZZUN9990	TOOL AND ADDITIONAL PARTS KIT W/AEROSOL	1

2.02 PLAY EQUIPMENT

- A. Existing structure to be removed, salvaged, and dismantled by the same company that will be doing the reinstallation. See plans. Parts to be re-installed include posts, decks, panels, slides, climbers, etc. Salvage all parts as required for complete installation of the various play stations.

2.04 ACCESSORIES

- A. Adhesives, hangers, and fasteners as recommended by the playground equipment manufacturer.
- B. Pipe systems maintenance kit.
- C. Tool and additional parts kit.

PART 3 - EXECUTION

3.01 INSPECTION

- A. Examine playground surfaces to verify that:
 - 1. Surfaces are true and free from foreign matter and projections.
 - 2. Substrate is adequate to support playground equipment.

3.02 INSTALLATION

- A. Install playground equipment to substrates in accordance with manufacturer's installation instructions.
- B. Fasteners shall penetrate paving sufficiently to provide firm support for the playground equipment.
- C. Ensure edges are plumb and vertical, and joints are hairline tight.
- D. Lay out playground equipment as shown on Drawings.
- E. Coordinate play structure finish levels with finish surface of resilient safety matting.
- F. Provide finish materials touch-up at areas that show any peeling or have been scraped off during the salvage and reinstall. Provide finish materials compatible with existing finishes.

END OF SECTION 02881