

EXHIBIT D

DISTRICT GENERAL AND SPECIAL CONDITIONS

Lead Testing Requirements for Drinking Fountains and other potable water sources.

- A. New school facilities under construction, or school facilities undergoing a modernization or renovation program, shall not utilize lead-based paint, lead plumbing or solders, or other potential sources of lead contamination (added by stats. 1992, c. 1317 (A.B. 1659)2. of General Education Code Provisions.
- B. The California Health and Safety Code, Section 116875, effective January 1, 2010, states in part and requires that, no person shall use any pipe, pipe or plumbing fitting or fixture, or solder or flux that is not lead free in the installation or repair of any public water system or any plumbing in a facility providing for human consumption
- C. Water from new, contractor-installed drinking water fixtures shall meet current SFUSD requirements for drinking water of less than 5 parts per billion lead. Drinking water fixtures will be considered non-compliant items subject to correction at no additional cost to the District. Drinking water fixtures include all fixtures that are likely sources of drinking water including but not limited to; drinking fountains, classroom sinks and bubblers, kitchen sinks, faculty sinks and nurse sinks.
- D. Contractor shall adequately flush all newly installed drinking water fixtures prior to testing. Drinking water fixtures shall be flushed multiple times daily for a minimum of two weeks prior to testing.
- E. Where drinking water fixtures have been installed but not tested, or where drinking water fixtures have not met the requirements specified herein, Contractor shall flush each fixture multiple times per day and maintain a detailed and accurate flushing log until such time acceptable testing results are achieved. At a minimum, Contractor shall be required to flush each drinking water fixture prior to the start of school each day.
- F. Flushing logs must include dates, times and duration for each flushing event at each fixture. Contractor must sign and certify flushing logs are true and accurate and submit them to the District on a weekly basis.

Work and Site Use Restrictions

- A. The School will remain open during the academic year. The Work of this project must take into account that the site will be occupied by students and staff and will be phased as generally described above and in other contract documents.
- B. Non-School hours are defined as hours before **7:00 AM, and after 3:30 PM** on days when school is in session. **<CONFIRM SCHOOL HOURS PRIOR TO BIDDING>**
- C. Hazmat work prohibited between **7:00 AM and 6:00 PM**. Haz-Mat Abatement cannot be performed while students or school staff are on site.
- D. Follow City of San Francisco Noise Ordinance.
- E. Work that is hazardous, noisy, or that causes vibration may not be performed in the buildings or on the site during school hours, without written approval from the District Representative. This includes but is not limited to the following work activities:

- a. Haz-Mat Abatement
 - b. Concrete bushing, chipping, grinding, jack hammering.
 - c. The use of Powder-Actuated Tools (PAT's)
 - d. Floor grinding to remove adhesive.
 - e. Chemicals used in quantities that cause excessive odor and can not be effectively ventilated. As determined by the Owners Representative.
 - f. Wall tile removal. Hand scraping or chipping may be acceptable as approved by the Owner's Representative.
 - g. Large impact drills for use in concrete.
 - h. Smaller Bulldog type impact drills for ¼" holes or less.
 - i. Operation of cranes in occupied areas, including drilling rigs, and concrete pump trucks.
 - j. Chop Saws for metal cutting. These may be used if isolated in a temporary sound deadening room constructed by the Contractor as approved by the Owner's representative.
 - k. The use of abrasive or "hot" saws to cut steel decking.
 - l. Earthwork compaction, including the operation of vibratory compaction equipment.
 - m. Saw cutting of asphalt and concrete.
 - n. Welding.
 - o. Asphalt placement or grinding.
 - p. Compaction of earthwork.
- F. School Academic Testing:** No work which creates noise or a vibration in the structure which can be heard and/or felt in occupied classrooms may be done on the following dates between 7:00 a.m. and 12:30 p.m. due to academic testing. These dates are approximate and the Contractor shall confirm each school with the District during the school year. **PROJECT TEAM TO VERIFY THE ACADEMIC TESTING SCHEDULE BELOW FOR EACH PROJECT WITH THE PRINCIPAL AND UPDATE THE INFORMATION BELOW**
- a. English Learners: 3 days between September and October.
 - b. Student Testing: 15 days between April and May.
 - c. Other Testing: To be verified with the District
- G.** All work remaining on a phase after the occupancy date of that phase shall be done during non-school hours.
- H.** Temporary hard barriers as necessary for each phase shall be constructed prior to the start of each phase of work in accordance with section "Construction Facilities". On a site plan indicate lay down areas, pedestrian walkways, and contractor parking areas Snow fencing is not acceptable as hard fencing. The Contractor shall submit diagrams for each phase one week prior to start of construction of that phase, indicating the construction zone, and barricades and access for students and School Personnel, for approval by the District Representative. The Contractor must provide and maintain access and code compliant egress to and from all occupied spaces. Contractor shall post temporary signage (appropriate and secure) shall be posted to redirect students and staff for emergency exiting.

- I. The Contractor shall diligently maintain all construction zone barricades and fencing. Fence panels shall be secured with two fence clamps per joint. The Contractor shall secure end panels in a manner acceptable to the District Representative. The use of tie wire will not be an acceptable method for securing fence panels. Construction zone gates shall be secured with chains and District provided padlocks.
- J. When school is in session any work that occurs in the building and cannot be safely segregated from students must be performed during non-school hours.
- K. The existing fire alarm system and fire sprinkler system shall remain operational twenty four (24) hours/day, seven (7) days/week. If at any time during the Project the existing fire alarm system is not fully operational, the Contractor, at its own expense, shall provide a "Fire Watch" acceptable to the District Representative and San Francisco Fire Department or install temporary devices including smoke and/or heat detectors and horn/strobes. Temporary devices shall be no less than 25 feet from an exit door and no further than 75 feet between devices and shall be programmed into the Fire Alarm Control Panel. Wiring for temporary devices may be secured/fastened to the wall and/or ceiling and is not required to be in conduit. All temporary devices shall be removed from programming when a permanent fire alarm system is in place, tested, and accepted as fully operational.
- L. Contractor to verify the dates and obtain approval for the timing, demolition, and construction of the Work in each area and phase with the District.
- M. The Work of each phase shall include the building or buildings indicated (if applicable) and the adjacent site work required for safe access and egress for District Occupancy at the completion of each phase.
- N. The Contractor shall carefully review the Drawings and other Contract Documents to fully understand the interdependency of the phases, the buildings, and the site work.
- O. Work on weekends, evenings or holidays may be required to meet the project phasing schedules.
- P. Access to the school buildings and entry to buildings, classrooms, restrooms, mechanical rooms, electrical rooms, or other rooms, for construction purposes, must be coordinated with District and onsite District personnel before Work is to start.
 - a. Upon request, the District may, at its own discretion, provide a master key to the school site for the convenience of the Contractor. The Contractor agrees to pay all expenses to re-key the entire school site and all other affected District buildings if the master key is lost or stolen or if any unauthorized party obtains a copy of the key or access to the school.
- Q. The Contractor is responsible for off site parking for their personnel. The Contractor is not permitted to park any vehicles on campus.
- R. No catering trucks are permitted on District property.

Utility Work.

- A. The Contractor is advised that Work is to be performed on campuses regularly scheduled for instruction. Interruption and/or periods of shutdown of public access, electrical service, water service, lighting, or other utilities shall be only as arranged in

advance with the District. Contractor shall provide temporary services to all facilities interrupted by Contractor's Work.

- a. The Contractor shall maintain in operation during the duration of Contract, drainage lines, storm drains, sewers, water, gas, electrical, steam, irrigation systems and other utility service lines (including but not limited to low voltage systems and fire sprinkler systems) within the working area.

Vest and Badge Requirements

- A. The District reserves the right to require the Contractor to do the following:
 - a. No employee or independent contractor to the Contractor or any Subcontractor, of any tier, shall be permitted access to the Site at any time unless such individual wears, in a prominent visual manner, a photographic identification badge issued by the District. The identification badge shall be prominently worn at all times while at the Site. Any person performing any Work at the Site without wearing a duly issued District photographic identification badge will be immediately removed from the Site. The District will issue photographic identification badges only to those individuals who are identified on a Fingerprinting Certification of the Contractor or a Subcontractor. The photographic identification badges are the sole and exclusive property of the District. The Contractor shall promptly return to the District each photographic identification badge once an employee or independent contractor to the Contractor or any Subcontractor of any tier has completed his Work at the Site or is absent from the Site for a period of thirty (30) consecutive days, whichever first occurs.
 - b. All costs associated with this requirement are at the Contractors expense.
 - c. No employee or independent contractor to the Contractor or any Subcontractor, of any tier, shall be permitted access to the Site at any time unless such individual wears, in a prominent visual manner, a safety vest that has been approved by the District. All vests must include the General Contractors company logo, with an area of at least 144 square inches. Any person performing any Work at the Site without wearing an approved vest will be removed from the site.

Construction Facilities

- A. **District Occupied Areas.** The Contractor, at the Contractor's expense, shall separate the construction area from District occupied areas using physical barrier and/or temporal isolation methods that protect the occupied areas from dust, odors, noise, visual distractions or any other source of disruption of educational operations in adjacent or nearby areas. Prior to any demolition work starting, the Contractor is to submit a plan for meeting these requirements to the District for approval. Plan shall include the dimensioned locations of all physical barriers.
 - a. The contractor shall submit a detailed plan for meeting these requirements to the District for approval. The Contractor shall identify the person responsible for

implementing, monitoring and enforcing the requirements set forth in the Contractor's plan and the Contract Documents. The plan shall include the following:

- i. A set of drawings showing the locations of temporary partitions to be used to separate construction areas from occupied areas, the path of travel to and from construction areas, emergency exits, locations of fire extinguishers, etc for each phase of work.
- ii. Procedures for controlling dust, fumes, and odors in construction areas.
- iii. Procedures for preventing dust, fumes, and odors from migrating into occupied areas of the building.
- iv. Procedures for responding to a spill outside the construction area.
- v. Method of communicating plan requirements to all subcontractors.

B. Portable and Temporary Chain-Link Fencing

- a. Maximum 2-inch (50-mm) Minimum 9-gage, galvanized steel, chain-link fabric fencing; minimum eight feet (2.4 m) high with galvanized steel pipe posts; minimum 2-3/8-inch- (60-mm-) OD line posts and 2-7/8-inch-(73-mm-) OD corner and pull posts, with 1-5/8-inch- (42-mm-) OD top and bottom rails.
- b. For portable chain-link fencing, provide galvanized steel support bases for supporting posts. Use bolt clamp connections. No wire ties to secure between fence panels. Secure temporary fencing to substrate via mechanical means, and patch any holes upon removal of the temporary fencing.
- c. Provide gates in sizes and at locations necessary to accommodate fire truck access and other construction operations.
- d. Maintain security by limiting the number of keys and restricting distribution to authorized personnel. Provide the District with three sets of keys, and daisy chain SFUSD provided lock for dual access.
- e. Visual Barrier: Provide and install mesh screen with District approved connections to fencing for visual barrier

Closeout requirements

A. Record Drawings: Maintain an Electronic Plan Room set in a Bluebeam Project consisting of the Contract Drawings, Shop Drawings, Submittal Data, and all Construction Change Documents

- a. Mark Record drawings to show the actual installation where installation varies from that shown originally as well as construction added to the Contract that is not indicated on the Contract Drawings or Specifications. Require individual or entity who obtained record data, where individual or entity is installer, subcontractor, or similar entity, to prepare the marked-up Record Prints.
- b. Keep Record Drawings current, and available, online, for inspection at all times by the District's representative.
- c. Give particular attention to information on concealed elements that cannot be readily identified and recorded later. Concealed shall mean construction installed underground or in an area which cannot be readily inspected by use of access panels, inspection plates or other removable features. Provide dimensions for

underground and concealed work from fixed objects such as property lines or other benchmarks.

- d. Accurately record information on all relevant sections of the Record Documents.
 - e. Record data as soon as possible after obtaining it. Record and check the markup before enclosing concealed installations.
 - f. Mark Contract Drawings or Shop Drawings, whichever is most capable of showing actual physical conditions, completely and accurately. Where Shop Drawings are marked, show cross-reference on Contract Drawings.
 - g. Mark record sets with red markups. Use other colors to distinguish between changes for different categories of the Work at the same location.
 - h. Mark important additional information that was either shown schematically or omitted from original drawings.
 - i. Note Construction Change Directive numbers, Change Order numbers, alternate numbers, RFI numbers, ASI numbers, and similar identification where applicable.
 - j. Identify, digitally sign, and date, each Record Drawing: include the designation "PROJECT RECORD DRAWING" in a prominent location. Organize into manageable sets, and transmit electronically to SFUSD.
- B. Record Specifications:** Submit one electronic copy of Project's Specifications, including addenda and contract modifications. Mark copy to indicate the actual product installation.
- a. Give particular attention to information on concealed products and installations that cannot be readily identified and recorded later.
 - b. Mark copy with proprietary name and model number of products, materials, and equipment furnished, including substitutions and product options selected.
 - c. Note related Change orders, Record Drawings, where applicable.
- C. Record Product Data:** Submit one copy of each Product Data submittal in an acceptable digital medium. Mark one set to indicate the actual product installation where installation varies substantially from that indicated in Product Data.
- a. Include Safety Data Sheets.
 - b. Give particular attention to information on concealed products and installations that cannot be readily identified and recorded later.
 - c. Include significant changes in the product delivered to Project site and changes in manufacturer's written instruction for installation.
 - d. Note related Change Orders, Record Drawings, where applicable.
- D. Operation & Maintenance Manuals**
- a. Assemble a complete set of operation and maintenance data in an acceptable digital medium indicating the operation and maintenance of each system, subsystem, and piece of equipment not part of a system. Include operation and maintenance data required in individual Specification Section and as follows:
 - i. **Manufacturer's Manuals:** Submit complete installation, operation, maintenance and service manuals, and printed instructions and parts lists for all materials and equipment where such printed matter is regularly available from the manufacturer. This includes, but is not limited to such service manuals as may be sold by the

manufacturer covering the operation and maintenance of his items, and complete replacement parts lists sufficiently detailed for parts replacement ordering to manufacturer. Piping diagrams and wiring diagrams are to be included.

E. Warranties & Guarantees

- a. Submit a minimum two (2) year warranty and guarantee for all improvements installed.