

submittal to the Architect for re-submittal to DSA for final approval.

REGULATORY REQUIREMENTS

1. GENERAL

1.1. DESCRIPTION

This section covers the general requirements for regulatory requirements pertaining to the Work and is supplementary to all other regulatory requirements mentioned or referenced elsewhere in the Contract Documents.

1.2. REQUIREMENTS OF REGULATORY AGENCIES

- 1.2.1.** All statutes, ordinances, laws, rules, codes, regulations, standards, and the lawful orders of all public authorities having jurisdiction of the Work, are hereby incorporated into the Contract Documents as if repeated in full herein and are intended to be included in any reference to Code or Building Code, unless otherwise specified, including, without limitation, the references in the list below. Contractor shall make available at the Site copies of all the listed documents applicable to the Work as the District and/or Architect may request, including, without limitation, applicable portions of the California Code of Regulations (C.C.R.).
- 1.2.2.** This Project shall be governed by applicable regulations, including, without limitation, the State of California's Administrative Regulations for the Division of the State Architect-Structural Safety (DSA/SS), Chapter 4, Part 1, Title 24, C.C.R., and the most current version on the date the Contract is executed and as it pertains to school construction including, without limitation:
 - 1.2.2.1.** Test and testing laboratory pursuant to Section 4-335 (District shall pay for the testing laboratory).
 - 1.2.2.2.** All special inspections pursuant to Section 4-333(d).
 - 1.2.2.3.** Contractor shall submit verified reports pursuant to Section 4-336 & 4-343(c).
 - 1.2.2.4.** Administration
 - 1.2.2.4.1.** Duties of the Architect and Engineers shall be pursuant to Section and 4-341.
 - 1.2.2.4.2.** Duties of Contractor shall be pursuant Section 4-343.
 - 1.2.2.4.3.** Verified Reports shall be pursuant to Section 4-336.
 - 1.2.2.5.** Contractor shall keep and make available a copy of Part 1 and 2 of the most current version of C.C.R., Title 24 at the Site during construction.
 - 1.2.2.6.** Contractor shall notify the Division of State Architect (DSA) upon the start of construction pursuant to Section 4-331.
 - 1.2.2.7.** Addenda and Change Orders shall be pursuant to Section 4-338.
- 1.2.3.** Items of deferred approval shall be clearly marked on the first sheet of the Architect's and/or Engineer's approved Drawings. All items later submitted for approval shall be pursuant to Title 24 requirements to the DSA.
 - 1.2.3.1.** Building Standards Administrative Code, C.C.R., Title 24, Part 1..
 - 1.2.3.2.** California Building Code (CBC), C.C.R., Title 24, Part 2.; (Uniform Building code volumes 1-3 and California Amendments).
 - 1.2.3.3.** California Electrical Code (CEC), C.C.R., Title 24, Part 3 ; (National Electrical Code and California Amendments).
 - 1.2.3.4.** California Mechanical Code (CMC), C.C.R., Title 24, Part 4 ; (Uniform Mechanical Code and California Amendments).
 - 1.2.3.5.** California Plumbing Code (CPC), C.C.R., Title 24, Part 5; (Uniform Plumbing Code and California Amendments).
 - 1.2.3.6.** California Fire Code (CFC), C.C.R., Title 24, Part 9; (Fire Plumbing Code and California Amendments).
 - 1.2.3.7.** California Referenced Standards Code, C.C.R., Title 24, Part 12.
 - 1.2.3.8.** State Fire Marshal Regulations, C.C.R., Title 19, Public Safety.
 - 1.2.3.9.** Partial List of Applicable NFPA Standards:

- 1.2.3.9.1. NFPA 13 - Automatic Sprinkler System.
- 1.2.3.9.2. NFPA 14 - Standpipes Systems.
- 1.2.3.9.3. NFPA 17A - Wet Chemical System
- 1.2.3.9.4. NFPA 24 - Private Fire Mains.
- 1.2.3.9.5. (California Amended) NFPA 72 - National Fire Alarm Codes.
- 1.2.3.9.6. NFPA 253 - Critical Radiant Flux of Floor Covering System.
- 1.2.3.9.7. FPA 2001 - Clean Agent Fire Extinguishing Systems.
- 1.2.3.10. California Division of the State Architect Interpretation of Regulations Manual.

TESTING LABORATORY SERVICES

1. GENERAL

1.1. REFERENCES

- 1.1.1. ASTM D3740 - Practice for Evaluation of Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction.
- 1.1.2. ASTM E329 - Recommended Practice for Inspection and Testing Agencies for Concrete, Steel, and Bituminous Materials as Used in Construction.
- 1.1.3. CBC - California Building Code.
- 1.1.4. UBC - Uniform Building Code.
- 1.1.5. Title 24, Parts 1 and 2, of the California Code of Regulations. Contractor shall keep a copy of these available at the job Site for ready reference during construction
- 1.1.6. DSA - Division of the State Architect, Office of Regulation Services, Structural Safety Section. DSA shall be notified at or before the start of construction.

1.2. OBSERVATION AND SUPERVISION

- 1.2.1. The District and Construction Manager or their appointed representatives will review the Work and the Contractor shall provide facilities and access to the Work at all times as required to facilitate this review. Administration by the Architect and any consulting Structural Engineer will be in accordance with applicable regulations, including, without limitation, 24 C.C.R. §4-341.
- 1.2.2. One or more Project Inspector(s) approved by DSA and employed by or in contract with the District("Project Inspector"), will observe the Work in accordance with 24 C.C.R. §§4-333(b) and 4-342:
- 1.2.3. Project Inspector shall have access to the Work wherever it is in preparation or progress for ascertaining that the Work is in accordance with the Contract Documents and all applicable code sections. Contractor shall provide facilities and access as required and shall provide assistance for sampling or measuring materials.
 - 1.2.3.1. Project Inspector will notify District and Architect and inform Contractor of any observed failure of Work or material to conform to Contract Documents.
 - 1.2.3.2. The Project Inspector shall observe and monitor all testing and inspection activities required.
- 1.2.4. Contractor shall conform with all applicable laws as indicated in the Contract Documents, including, without limitation, to 24 C.C.R. §4-343. Contractor shall supervise and direct the Work and maintain a competent superintendent on the Project who is authorized to act in all matters pertaining to the Work. The Contractor shall inspect all materials, as they arrive, for compliance with the Contract Documents. Contractor shall reject defective Work or materials immediately upon delivery or failure of the Work or material to comply with the Contract Documents. The Contractor shall submit verified reports as indicated in the Contract Documents, including, without limitation, the Specifications and as required by 24 C.C.R. §4-336.

1.3. TESTS AND INSPECTIONS

- 1.3.1. Contractor shall be responsible for notifying District and Project Inspector of all required tests and inspections. Contractor shall notify District and Project Inspector forty-eight (48) hours in advance of performing any Work requiring testing or inspection.
- 1.3.2. Contractor shall provide access to Work to be tested and furnish incidental labor, equipment, and facilities to facilitate all inspections and tests.
- 1.3.3. District will pay for first inspections and tests required by the Title 24 and other inspections or tests that District and/or Architect may direct to have made, including, but not limited to, the following principal items:
 - 1.3.3.1. Tests and observations for earthwork and pavings.
 - 1.3.3.2. Tests for concrete mix designs, including tests of trial batches.
 - 1.3.3.3. Tests and inspections for structural steel work.

- 1.3.3.4. Field tests for framing lumber moisture content.
- 1.3.3.5. Additional tests directed by District that establish that materials and installation comply with the Contract Documents.
- 1.3.3.6. Test and observation of welding and expansion anchors.
- 1.3.3.7. Factory observation of components and assembly of modular prefabrication structures and buildings.
- 1.3.4. District may at its discretion, pay and then back charge Contractor for:
 - 1.3.4.1. Retests or reinspections, if required, and tests or inspection required due to Contractor error or lack of required identifications of material.
 - 1.3.4.2. Uncovering of work in accordance with Contract Documents.
 - 1.3.4.3. Testing done on weekends, holidays, and overtime will be chargeable to Contractor for the overtime portion.
 - 1.3.4.4. Testing done off site.
- 1.3.5. Testing and inspection reports and certifications:
 - 1.3.5.1. If initially received by Contractor, Contractor shall provide to each of the following a copy of the agency or laboratory report of each test or inspection or certification: District; Construction Manager, if any; Architect; Consulting Engineer, if any; Other Engineers on the Project, as appropriate; and; Project Inspector.
 - 1.3.5.2. When the test or inspection is one required by the Title 24, a copy of the report shall also be provided to the DSA.
- 1.4. SELECTION AND PAYMENT**
 - 1.4.1. District's hiring of Testing Laboratory shall in no way relieve Contractor of its obligation to perform work in accordance with requirements of Contract Documents.
- 1.5. CONTRACTOR RESPONSIBILITIES**
 - 1.5.1. Submit proposed items for testing as required herein and/or as further required in the Contract Documents to Architect for review in accordance with applicable specifications.
 - 1.5.2. Cooperate with Laboratory personnel, and provide access to the Work and to manufacturer's facilities.
 - 1.5.3. Notify Architect, District, and Testing Laboratory 48 hours prior to expected time for operations requiring inspection and testing services.
 - 1.5.4. When tests or inspections cannot be performed after such notice, reimburse District for Laboratory personnel and travel expenses incurred due to the Contractor's negligence.
 - 1.5.5. Contractor shall notify District a sufficient time in advance of the manufacture of material to be supplied by Contractor pursuant to the Contract Documents, which must be by terms of the Contract be tested, in order that the District may arrange for the testing of same at the source of supply.
 - 1.5.5.1. Any material shipped by the Contractor from the source of supply prior to having satisfactorily passed such testing and inspection or prior to the receipt of notice that such testing and inspection will not be required shall not be incorporated in the Work.
 - 1.5.6. Contract and pay for services of District's Testing Laboratory to perform additional inspections, sampling and testing required when initial tests indicate Contractor's work and/or materials does not comply with Contract Documents.
- 1.6. PROJECT INSPECTOR'S ACCESS TO SITE**
 - 1.6.1. A Project Inspector employed by the District in accordance with the requirement of State of California Code of Regulations, Title 24, Part 1 will be assigned to the Work. Project Inspector's duties are specifically defined in 24. C.C.R. §4-342, and as indicated in the General Construction Provisions (Exhibit D to the Facilities Lease).
 - 1.6.2. District and Construction Manager shall at all times have access for the purpose of inspection to all parts of the Work and to the shops wherein the Work is in preparation,

and Contractor shall at all times maintain proper facilities and provide safe access for such inspection.

- 1.6.3. The Work in all stages of progress shall be subject to the personal continuous observation of the Inspector. Inspector shall have free access to any or all parts of the Work at any time. Contractor shall furnish the Inspector reasonable facilities for obtaining such information as may be necessary to keep Inspector fully informed respecting the progress and manner of the Work and the character of the materials. Inspection of the Work shall not relieve the Contractor from any obligation set forth in the Contract Documents.
- 1.6.4. The Inspector is not authorized to change, revoke, alter, enlarge or decrease in any way any requirement of the Contract Documents, drawings, specifications or subsequent change orders.
- 1.6.5. Whenever there is insufficient evidence of compliance with any of the provisions of Title 24 or evidence that any material or construction does not conform to the requirements of Title 24, the Division of the State Architect may require tests as proof of compliance. Test methods shall be as specified herein or by other recognized and accepted test methods determined by the Division of the State Architect. All tests shall be performed by a testing laboratory accepted by the Division of the State Architect.

TEMPORARY FACILITIES AND CONTROLS

1. GENERAL

1.1. LOGISTICS PLAN

Contractor shall provide to the District for prior approval the Contractor's mobilization and logistics plan for the Site which shall include, at a minimum, the provisions herein.

1.2. TEMPORARY UTILITIES

1.2.1. Electric Power and Lighting

1.2.1.1. Contractor will furnish and pay for power during the course of the work to the extent power is not in the building(s) or on the Site. Contractor shall be responsible for providing temporary facilities required on the Site to point of intended use.

1.2.1.2. Contractor shall furnish, wire for, install, and maintain temporary electrical lights wherever it is necessary to provide illumination for the proper performance and/or observation of the Work: a minimum of 20 foot-candles for rough work and 50 foot-candles for finish work.

1.2.1.3. Contractor shall be responsible for maintaining existing lighting levels in the Project vicinity should temporary outages or service interruptions occur.

1.2.2. Heat and Ventilation

1.2.2.1. Contractor shall provide temporary heat to maintain environmental conditions to facilitate progress of the Work, to meet specified minimum conditions for the installation and curing of materials, and to protect materials and finishes from damage due to improper temperature and humidity conditions. Portable heaters shall be standard units complete with controls.

1.2.2.2. Contractor shall provide forced ventilation and dehumidification, as required, of enclosed areas for proper installation and curing of materials, to disperse humidity, and to prevent accumulations of dust, fumes, vapors, and gases.

1.2.2.3. Contractor shall pay the costs of installation, maintenance, operation, and removal of temporary heat and ventilation, including costs for fuel consumed, required for the performance of the Work.

1.2.3. Water

1.2.3.1. Contractor will furnish and pay for water during the course of the work. Contractor shall be responsible for providing temporary facilities required.

1.2.3.2. Contractor shall make potable water available for human consumption.

1.2.4. Sanitary Facilities

1.2.4.1. Contractor shall provide sanitary temporary facilities in no fewer numbers than required by law and such additional facilities as may be directed by the Inspector for the use of all workers. The facilities shall be maintained in a sanitary condition at all times and shall be left at the Site until removal is directed by the Project Inspector or Contractor completes all Work.

1.2.4.2. Use of toilet facilities in the Work shall not be permitted except by consent of the Project Inspector and District.

1.2.5. Telephone and Internet Service

1.2.5.1. Contractor shall arrange with local telephone and internet service company(ies) for service for the performance of the Work. Contractor shall, at a minimum, provide in all District field offices, one line for telephone, one line for fax machine, and one line for internet access. The Phone equipment must include speakerphone, intercom, conference call, flash, redial, call hold and voice mail. Internet speed spec should be 25/25 mbps or faster and WiFi speed specification shall utilize 802.11AC IEEE standard or better.

1.2.5.2. Contractor shall pay the costs for internet, telephone, and fax lines installation, maintenance, service, and removal; for Construction Site Office, Construction

Manager's Office and Inspector's Office.

1.2.6. Fire Protection:

- 1.2.6.1. Contractor shall provide and maintain fire extinguishers and other equipment for fire protection. Such equipment shall be designated for use for fire protection only and shall comply with all requirements of the California Fire, State Fire Marshall and/or its designee.
- 1.2.6.2. Where on-site welding and burning of steel is unavoidable, Contractor shall provide protection for adjacent surfaces.

1.2.7. Custodial Service and Trash Removal:

Contractor shall provide custodial service and trash removal on a timely basis, not less than weekly for all Site Offices, restroom(s), and the Site.

1.2.8. Temporary Facilities:

- 1.2.8.1. Contractor shall coordinate floor plan and location of electrical, telephone, data outlets with District prior to ordering and delivering the trailer.
- 1.2.8.2. Contractor shall provide the following minimum facilities, trailers, offices, and services, fully furnished for the exclusive use by the District including desks, chairs, plan tables, etc.:
 - 1.2.8.2.1. One (1) office trailer with two (2) separate offices with windows and lockable doors
 - 1.2.8.2.2. One (1) bathroom
 - 1.2.8.2.3. One (1) conference room with a table and adequate seating for twelve (12)
- 1.2.8.3. Contractor will provide furnishings in the following quantities, to be set in rooms and position as directed by the District upon delivery:
 - 1.2.8.3.1. **1 per office** rolling mid-back task chairs, with arms
 - 1.2.8.3.2. **1 per office space:** double pedestal metal desks, 29" x 72" x 36", HON or equal
 - 1.2.8.3.3. **1 per office space and in meeting conference area:** metal bookcases, three shelf, 41"x34"x12"
 - 1.2.8.3.4. 1 resin folding table 29"x30"x72"
 - 1.2.8.3.5. 8 padded meeting chairs, Global or equal
 - 1.2.8.3.6. **1 per office:** four drawer, legal size lateral files, HON 500 series or equal
 - 1.2.8.3.7. Provide and install 2 "Plan-Hold" wall-mounted 42" wide plan racks with 36 individual plan holders each
 - 1.2.8.3.8. Provide and install 1 large white board in one conference room, 48" 72"
 - 1.2.8.3.9. Provide and install 1 large tack board in one conference room 48" x 72"
 - 1.2.8.3.10. Provide Canon all-in-one copier, printer, fax and printer, model Image Class MF733CDW or equal, with maintenance plan

1.3. CONSTRUCTION AIDS

1.3.1. Plant and Equipment:

- 1.3.1.1. Contractor shall furnish, operate, and maintain a complete plant for fabricating, handling, conveying, installing, and erecting materials and equipment; and for conveyances for transporting workmen. Include elevators, hoists, debris chutes, and other equipment, tools, and appliances necessary for performance of the Work.
- 1.3.1.2. Contractor shall maintain plant and equipment in safe and efficient operating condition. Damages due to defective plant and equipment, and uses made thereof, shall be repaired by Contractor at no expense to the District.

- 1.3.2. No District tools or equipment shall be used by Contractor for the performance of the Work.

1.4. BARRIERS AND ENCLOSURES

- 1.4.1. Contractor shall obtain District's written permission for locations and types of temporary barriers and enclosures, including fire-rated materials proposed for use, prior to their installation.
- 1.4.2. Contractor shall provide a six (6) foot high, chain link perimeter fence with post driven into the ground and fabric screen as a temporary barrier around construction area. Contractor shall provide and maintain temporary enclosures to prevent public entry and to protect persons using other buildings and portions of the Site and/or Premises. Contractor shall remove temporary fence, barriers and enclosure upon Completion of the Work.
- 1.4.3. Contractor shall provide site access to existing facilities for persons using other buildings and portions of the Site, the public, and for deliveries and other services and activities.

1.5. SECURITY

- 1.5.1. Contractor shall secure all construction equipment, machinery and vehicles, park and store only within fenced area, and render inoperable during non-work hours. Contractor is responsible for insuring that no construction materials, tools, equipment, machinery or vehicles can be used for unauthorized entry or other damage or interference to activities and security of existing facilities adjacent to and in the vicinity of the Project Site(s).
- 1.5.2. Contractor shall provide a security guard located on the Project Site(s) during non-working hours.

1.6. TEMPORARY CONTROLS

1.6.1. Noise Control

- 1.6.1.1. Contractor acknowledges that adjacent facilities may remain in operation during all or a portion of the Work, and it shall take all reasonable precautions to minimize noise as required by applicable laws and the Contract Documents.
- 1.6.1.2. Notice of proposed noisy operations, including without limitation, operation of pneumatic demolition tools, concrete saws, and other equipment, shall be submitted to District a minimum of forty-eight (48) hours in advance of their performance.

1.6.2. Noise and Vibration

- 1.6.2.1. Equipment and impact tools shall have intake and exhaust mufflers.
- 1.6.2.2. Contractor shall cooperate with District to minimize and/or cease the use of noisy and vibratory equipment if that equipment becomes objectionable by its longevity.

1.6.3. Dust and Dirt

- 1.6.3.1. Contractor shall conduct demolition and construction operations to minimize the generation of dust and dirt, and prevent dust and dirt from interfering with the progress of the Work and from accumulating in the Work and adjacent areas including, without limitation, occupied facilities, and off-site adjacent properties.
- 1.6.3.2. Contractor shall periodically water exterior demolition and construction areas to minimize the generation of dust and dirt.
- 1.6.3.3. Contractor shall ensure that all hauling equipment and trucks carrying loads of soil and debris shall have their loads sprayed with water or covered with tarpaulins, and as otherwise required by local and state ordinance.
- 1.6.3.4. Contractor shall prevent dust and dirt from accumulating on walks, roadways, parking areas, and planting, and from washing into sewer and storm drain lines.

1.6.4. Water

Contractor shall not permit surface and subsurface water, and other liquids, to accumulate in or

about the vicinity of the Premises. Should accumulation develop, Contractor shall control the water or other liquid, and suitably dispose of it by means of temporary pumps, piping, drainage lines, troughs, ditches, dams, or other methods.

1.6.5. Pollution

- 1.6.5.1. No burning of refuse, debris, or other materials shall be permitted on or in the vicinity of the Premises.
- 1.6.5.2. Contractor shall comply with applicable regulatory requirements and anti-pollution ordinances during the conduct of the Work including, without limitation, demolition, construction, and disposal operations.

1.6.6. Lighting

If portable lights are used after dark, all light must be located so as not to direct light into neighboring property.

1.7. JOB SIGN(S)

1.7.1. General:

- 1.7.1.1. Contractor shall provide and maintain and locate a Project identification sign with the design, text, and colors designated by District and/or the Architect. Sign shall be protected in place and maintained by the Contractor.
- 1.7.1.2. Signs other than the specified Project sign and or signs required by law, for safety, or for egress, shall not be permitted, unless otherwise approved in advance by the District.

1.7.2. Materials:

- 1.7.2.1. Structure and Framing: Structurally sound, new or used wood or metal; wood shall be nominal 3/4-inch exterior grade plywood.
- 1.7.2.2. Sign Surface: Minimum 3/4-inch exterior grade plywood.
- 1.7.2.3. Sign shall be mounted on 4"x4" wooden posts embedded at least thirty six (36) inches into the soil or placed in concrete.
- 1.7.2.4. Paint: Exterior quality, of type and colors selected by the District and/or the Architect.

1.7.3. Fabrication:

- 1.7.3.1. Contractor shall fabricate to provide smooth, even surface for painting.
- 1.7.3.2. Size: 4'-0" x 8'-0", unless otherwise indicated.
- 1.7.3.3. Contractor shall paint exposed surfaces of supports, framing, and surface material with exterior grade paint: one coat of primer and one coat of finish paint.
- 1.7.3.4. Text and Graphics: As indicated.

1.8. PUBLICITY RELEASES

Contractor shall not release any information, story, photograph, plan, or drawing relating information about the Project to anyone, including press and other public communications medium, including, without limitation, on website(s). Contractor shall not bring anyone onto the Project Site(s) during or after construction for the purpose of publicity or marketing without prior written permission of the District.

SITE STANDARDS

1. GENERAL

1.1. REQUIREMENTS OF THE DISTRICT

1.1.1. Drug-Free Schools and Safety Requirements:

- 1.1.1.1. No drugs, alcohol, smoking or the use of tobacco products are allowed at any time in any buildings, Contractor-owned vehicles or vehicles owned by others while on District property. No students, staff, visitors, or contractors are to use drugs on these sites.
- 1.1.1.2. Contractor shall post: "Non-Smoking Area" in a highly visible location on Site. Contractor may designate a smoking area outside of District property within the public right-of-way, provided that this area remains quiet and unobtrusive to adjacent neighbors. This smoking area must be kept clean at all times.
- 1.1.1.3. Contractor shall ensure that no alcohol, firearms, weapons, or controlled substances enter or are used at the Site. Contractor shall immediately remove from the Site and terminate the employment of any employee(s) found in violation of this provision.
- 1.1.2. **Language:** Unacceptable and/or loud language will not be tolerated, "Cat calls" or other derogatory language toward students or public will not be allowed.
- 1.1.3. **Disturbing the Peace (Noise and Lighting):**
 - 1.1.3.1. Contractor shall observe the noise ordinance of the Site at all times including, without limitation, all applicable local, city, and/or state laws, ordinances, and/or regulations regarding noise and allowable noise levels.
 - 1.1.3.2. District reserves the right to prohibit the use of radios at the Site, except for handheld communication radios.
 - 1.1.3.3. If portable lights are used after dark, the lights must be located so as not to direct light into neighboring properties.
- 1.1.4. **Traffic:**
 - 1.1.4.1. Driving on the Premises shall be limited to periods when students and public are not present. If driving or deliveries must be made during the school hours, two (2) or more ground guides shall lead the vehicle across the area of travel. In no case shall driving take place across playgrounds or other pedestrian paths during recess, lunch, and/or class period changes. The speed limit on-the Premises shall be five (5) miles per hour (maximum) or less if conditions require. Contractor shall not have any deliveries to the Project during the hour before school begins at the Site and during the half hour after school ends at the Site without prior written permission from the Construction Manager or the District.
 - 1.1.4.2. All paths of travel for deliveries, including without limitation, material, equipment, and supply deliveries, shall be reviewed and approved by District in advance.
 - 1.1.4.3. District shall designate a construction entry to the Site. If Contractor requests, District determines it is required, and to the extent possible, District shall designate a staging area so as not to interfere with the normal functioning of school facilities. Location of gates and fencing shall be approved in advance with District and at Contractor's expense.
 - 1.1.4.4. Parking areas shall be reviewed and approved by District in advance. No parking is to occur under the drip line of trees or in areas that could otherwise be damaged.
 - 1.1.4.5. All of the above shall be observed and complied with by the Contractor and all workers on the Site. Failure to follow these directives could result in individual(s) being suspended or removed from the work force at the discretion

of the District. The same rules and regulations shall apply equally to delivery personnel, inspectors, consultants, and other visitors to the Site.

TEMPORARY TREE AND PLANT PROTECTION

WHERE SUBSTANTIAL TREE PROTECTION WILL BE REQUIRED ON THE SITE, OBTAIN AN ARBORIST TO REVIEW THIS DOCUMENT PRIOR TO CONSTRUCTION.

1. GENERAL

1.1. SUMMARY

This Document includes the protection and trimming of existing trees that interfere with, or are affected by, execution of the Work, whether temporary or permanent construction.

1.2. DEFINITIONS

Tree Protection Zone: Area surrounding individual trees or groups of trees to remain during construction, and defined by the drip line of individual trees or the perimeter drip line of groups of trees, unless otherwise indicated.

1.3. SUBMITTALS

- 1.3.1. Product Data: For each type of product indicated.
- 1.3.2. Tree Pruning Schedule: Written schedule from arborist detailing scope and extent of pruning of trees to remain that interfere with or are affected by construction.
- 1.3.3. Qualification Data: For tree service firm and arborist.
- 1.3.4. Certification: From arborist, certifying that trees indicated to remain have been protected during construction according to recognized standards and that trees were promptly and properly treated and repaired when damaged.
- 1.3.5. Maintenance Recommendations: From arborist, for care and protection of trees affected by construction during and after completing the Work.

1.4. QUALITY ASSURANCE

- 1.4.1. Tree Service Firm Qualifications: An experienced tree service firm that has successfully completed tree protection and trimming work similar to that required for this Project and that will assign an experienced, qualified arborist to Project Site(s) during execution of tree protection and trimming.
- 1.4.2. Arborist Qualifications: An arborist certified by ISA (International Society of Arboriculture) or licensed in the jurisdiction where Project is located.
- 1.4.3. Tree Pruning Standard: Comply with ANSI A300 (Part 1), "Tree, Shrub, and Other Woody Plant Maintenance--Standard Practices (Pruning)."
 - 1.4.3.1. Before tree protection and trimming operations begin, meet with District to review tree protection and trimming procedures and responsibilities.

2. PRODUCTS

2.1. MATERIALS

- 2.1.1. Drainage Fill: Selected crushed stone, or crushed or uncrushed gravel, washed, ASTM D 448, Size 24, with 90 to 100 percent passing a 2-1/2-inch (63-mm) sieve and not more than 10 percent passing a 3/4-inch (19-mm) sieve.
- 2.1.2. Topsoil: Natural or cultivated surface-soil layer containing organic matter and sand, silt, and clay particles; friable, pervious, and black or a darker shade of brown, gray, or red than underlying subsoil; reasonably free of subsoil, clay lumps, gravel, and other objects more than 1 inch (25 mm) in diameter; and free of weeds, roots, and toxic and other nonsoil materials.
 - 2.1.2.1. Obtain topsoil only from well-drained sites where topsoil is 4 inches (100 mm) deep or more; do not obtain from bogs or marshes.
- 2.1.3. Filter Fabric: Manufacturer's standard, nonwoven, pervious, geotextile fabric of polypropylene, nylon, or polyester fibers.
- 2.1.4. Chain-Link Fence: Metallic-coated steel chain-link fence fabric of 0.120-inch- (3-mm-) diameter wire; a minimum of 48 inches (1200 mm) high; with 1.9-inch- (48-mm-) diameter line posts; 2-3/8-inch- (60-mm-) diameter terminal and corner posts; 1-5/8-inch- (41-mm-) diameter top rail; and 0.177-inch- (4.5-mm-) diameter bottom tension

- 2.1.5. Select mulch as recommended by arborist or landscape architect.
- 2.1.6. Organic Mulch: Use shredded hardwood, ground or shredded bark, or wood and bark chips, all free of deleterious materials.

3. EXECUTION

3.1. PREPARATION

- 3.1.1. Temporary Fencing: Install temporary fencing around tree protection zones to protect remaining trees and vegetation from construction damage. Maintain temporary fence and remove when construction is complete.
- 3.1.2. Install chain-link fence according to ASTM F 567 and manufacturer's written instructions.
- 3.1.3. Protect tree root systems from damage caused by runoff or spillage of noxious materials while mixing, placing, or storing construction materials. Protect root systems from ponding, eroding, or excessive wetting caused by dewatering operations.
- 3.1.4. Mulch areas inside tree protection zones and other areas indicated.
 - 3.1.4.1. Select mulch as recommended by arborist or landscape architect.
 - 3.1.4.2. Apply 2-inch (50-mm) to 3-inch (75-mm) average thickness of organic mulch. Do not place mulch within 6 inches (150 mm) of tree trunks.
- 3.1.5. Do not store construction materials, debris, or excavated material inside tree protection zones. Do not permit vehicles or foot traffic within tree protection zones; prevent soil compaction over root systems.
- 3.1.6. Maintain tree protection zones free of weeds and trash.
- 3.1.7. Do not allow fires within tree protection zones.

3.2. EXCAVATION

- 3.2.1. Install shoring or other protective support systems to minimize sloping or benching of excavations where construction or utility excavation is near trees to be protected.
- 3.2.2. Do not excavate within tree protection zones, unless otherwise indicated.
- 3.2.3. Where excavation for new construction is required within tree protection zones, hand clear and excavate to minimize damage to root systems. Use narrow-tine spading forks and comb soil to expose roots.
 - 3.2.3.1. Do not allow exposed roots to dry out before placing permanent backfill. Provide temporary earth cover or pack with peat moss and wrap with burlap. Water and maintain in a moist condition. Temporarily support and protect roots from damage until they are permanently relocated and covered with soil.
- 3.2.4. Where utility trenches are required within tree protection zones, tunnel under or around roots by drilling, auger boring, pipe jacking, or digging by hand.
 - 3.2.4.1. Root Pruning: Do not cut main lateral roots or taproots; cut only smaller roots that interfere with installation of utilities. Cut roots with sharp pruning instruments; do not break or chop.

3.3. REGRADING

- 3.3.1. Grade Lowering: Where new finish grade is indicated below existing grade around trees, slope grade beyond tree protection zones. Maintain existing grades within tree protection zones.
- 3.3.2. Grade Lowering: Where new finish grade is indicated below existing grade around trees, slope grade away from trees as recommended by arborist, unless otherwise indicated.
 - 3.3.2.1. Root Pruning: Prune tree roots exposed during grade lowering. Do not cut main lateral roots or taproots; cut only smaller roots. Cut roots with sharp pruning instruments; do not break or chop.
- 3.3.3. Minor Fill: Where existing grade is 6 inches (150 mm) or less below elevation of finish grade, fill with topsoil. Place topsoil in a single uncompacted layer and hand grade to required finish elevations.

- 3.3.4. Moderate Fill: Where existing grade is more than 6 inches (150 mm) but less than 12 inches (300 mm) below elevation of finish grade, place drainage fill, filter fabric, and topsoil on existing grade as follows:
 - 3.3.4.1. Carefully place drainage fill against tree trunk approximately 2 inches (50 mm) above elevation of finish grade and extend not less than 18 inches (450 mm) from tree trunk on all sides. For balance of area within drip-line perimeter, place drainage fill up to 6 inches (150 mm) below elevation of grade.
 - 3.3.4.2. Place filter fabric with edges overlapping 6 inches (150 mm) minimum.
 - 3.3.4.3. Place fill layer of topsoil to finish grade. Do not compact drainage fill or topsoil. Hand grade to required finish elevations.

3.4. TREE PRUNING

- 3.4.1. Prune trees to remain that are affected by temporary and permanent construction.
- 3.4.2. Prune trees to remain to compensate for root loss caused by damaging or cutting root system. Provide subsequent maintenance during Contract period as recommended by arborist.
- 3.4.3. Pruning Standards: Prune trees according to ANSI A300 (Part 1), as recommended by arborist report.
- 3.4.4. Adjust pruning requirements per arborist's recommendations.
- 3.4.5. Cut branches with sharp pruning instruments; do not break or chop.
- 3.4.6. Modify below to specific project requirements.
- 3.4.7. Chip removed tree branches and dispose of or spread over areas identified by District.

3.5. TREE REPAIR AND REPLACEMENT

- 3.5.1. Promptly repair trees damaged by construction operations within 24 hours. Treat damaged trunks, limbs, and roots according to arborist's written instructions.
- 3.5.2. Remove and replace trees indicated to remain that die or are damaged during construction operations or that are incapable of restoring to normal growth pattern.
 - 3.5.2.1. Provide new trees of 6-inch (150-mm) caliper size and of a when damaged trees more than 6 inches (150 mm) in caliper size, measured 12 inches (300 mm) above grade, are required to be replaced. Plant and maintain new trees as specified in Contract Documents.
- 3.5.3. Where recommended by arborist report, aerate surface soil, compacted during construction, 10 feet (3 m) beyond drip line and no closer than 36 inches (900 mm) to tree trunk. Drill 2-inch (50-mm) diameter holes a minimum of 12 inches (300 mm) deep at 24 inches (600 mm) o.c. Backfill holes with an equal mix of augered soil and sand.

3.6. DISPOSAL OF WASTE MATERIALS

- 3.6.1. Burning is not permitted.
- 3.6.2. Disposal: Remove excess excavated material and displaced trees from Site.

STORM WATER POLLUTION PREVENTION PLAN – CONSTRUCTION

PURSUANT TO THE PROVISIONS OF EXHIBIT D AND THE CONTRACT DOCUMENTS, CONTRACTOR SHALL PERFORM THE WORK OF THE PROJECT RELATED TO BEING THE DISTRICT'S QUALIFIED SWPPP (STORM WATER POLLUTION PREVENTION PLAN) PRACTITIONER ("QSP"). THE CONTRACTOR SHALL COMPLY WITH THE FOLLOWING PROVISIONS AND THE SWPPP. IF THE SWPPP CONTAINS OTHER MORE DETAILED OR CONFLICTING PROVISIONS AND/OR REQUIRES THE CONTRACTOR TO TAKE OTHER ACTIONS OR ACTIVITIES, THE CONTRACTOR MUST COMPLY WITH THE SWPPP.

1. INTRODUCTION

- 1.1. In order to enroll in the construction storm water permit and before construction activities begin, the District will file certain submittals referred to as Permit Registration Documents (PRDS) with the Regional Water Quality Control Board.

2. GENERAL

The Clean Water Act and Porter Cologne Water Quality Act prohibit the discharge of any water containing pollutants from certain construction sites unless a National Pollutant Discharge Elimination System permit is first obtained and followed. The National Pollutant Discharge Elimination System General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Construction Storm Water Permit) Order No. 2009-0009-DWQ as amended by Order No. 2010-0014-DWQ (NPDES No. CAS000002) issued by the California State Water Resources Control Board (State Water Board) authorizes the discharge of storm water and certain non-storm water from construction sites if certain conditions and measures are taken. The District has determined that the construction of this Project requires enrollment in the Construction Storm Water Permit.

3. SUBMITTALS

3.1. GENERAL

All submittals shall be made in a form conducive for the District to electronically upload the approved submittals to the Storm water Multi-Application Reporting and Tracking System (SMARTS).

3.2. RAIN EVENT ACTION PLAN (REAP)

- 3.2.1. A Rain Event Action Plan (REAP) is a written document, specific for each rain event. A REAP should be designed that when implemented it protects all exposed portions of the site within 48 hours of any likely. The General Permit requires Risk Level 2 and 3 dischargers to develop and implement a REAP designed to protect all exposed portions of their sites within 48 hours prior to any likely precipitation event. The REAP requirement is designed to ensure that the discharger has adequate materials, staff, and time to implement erosion and sediment control measures that are intended to reduce the amount of sediment and other pollutants generated from the active site. A REAP must be developed when there is likely a forecast of 50% or greater probability of precipitation in the project area. (The National Oceanic and Atmospheric Administration (NOAA) defines a chance of precipitation as a probability of precipitation of 30% to 50% chance of producing precipitation in the project area.¹⁴ NOAA defines the probability of precipitation (PoP) as the likelihood of occurrence (expressed as a percent) of a measurable amount (0.01 inch or more) of liquid precipitation (or the water equivalent of frozen precipitation) during a specified period of time at any given point in the forecast area.) Forecasts are normally issued for 12- hour time periods.
- 3.2.2. If the District's QSD determines that the site is a Risk Level 2 or 3 the Contractor's QSP shall prepare the REAP for the Work in compliance with the General Permit and the SWPPP.

3.3. RECORDS

All electronic and hardcopy records required by the Construction Storm Water Permit shall be submitted to the District within seven (7) days of Completion of the Project.

4. PERMIT REGISTRATION DOCUMENTS

Prior to any activities on Site that disturb the Site's surface, the Permit Registration Documents (PRDs) required by the Construction Storm Water Permit must be filed with the Regional Water Quality Control Board. The District

shall file the PRDs with the Regional Water Quality Control Board to activate coverage under the Construction Storm Water Permit.

5. IMPLEMENTATION REQUIREMENTS

- 5.1. Contractor shall not conduct any activities that may affect the Site's construction runoff water quality until the District provides Contractor with the Waste Discharger Identification Number (WDID) assigned to this Project by the State Water Board.
- 5.2. Contractor shall keep a copy of the approved SWPPP at the job site. The SWPPP shall be made available when requested by a representative of the Regional Water Quality Control Board, State Water Resources Control Board, United States Environmental Protection Agency, or the local storm water management agency. Requests from the public shall be directed to the District for response.
- 5.3. Contractor shall designate in writing to the District a Qualified SWPPP Practitioner (QSP) who shall be responsible for implementing the SWPPP, REAP (if applicable), ATS (if applicable), conducting non-storm water and storm water visual observations, and for ensuring that all best management practices (BMPs) required by the SWPPP and General Permit are properly implemented and maintained.
- 5.4. All measures required by the SWPPP shall be implemented concurrent with the commencement of construction. Pollution practices and devices shall be followed or installed as early in the construction schedule as possible with frequent upgrading of devices as construction progresses.
- 5.5. Contractor shall ensure that all measures are properly maintained and repaired to protect the water quality of discharges.

6. INSPECTION, SAMPLING, ANALYSIS, AND RECORD KEEPING REQUIREMENTS

The Contractor's QSP shall conduct all required visual observations, sampling, analysis, reporting, and record keeping required by the SWPPP and the Construction Storm Water Permit.

7. REPORTING REQUIREMENTS

Contractor shall prepare and provide all the reports, which include, but are not limited to the Annual Report and any NEL Violation Reports or NAL Exceedance Reports, all of which are required by the SWPPP and the Construction Storm Water Permit.

8. ANNUAL REPORT

By August 1 of each year (defined as July 1 to June 30) that had at least one continuous three (3) month period coverage under the General Permit, Contractor shall complete and submit to the District an Annual Report, as required by the General Permit. If the Project is complete prior to August 1, Contractor shall submit the report prior to acceptance of the Project.

9. COMPLETION OF WORK

- 9.1. Clean-up shall be performed as each portion of the work progresses. All refuse, excess material, and possible pollutants shall be disposed of in a legal manner off-site and all temporary and permanent SWPPP devices shall be in place and maintained in good condition.
- 9.2. At Completion of Work, Contractor shall inspect installed SWPPP devices, and present the currently implemented SWPPP with all backup records to the District.

10. NOTICE OF TERMINATION (NOT)

A Notice of Termination (NOT) must be submitted by the Contractor to the District for electronic submittal by the Legally Responsible Person via SMARTS to terminate coverage under the General Permit. The NOT must include a final Site Map and representative photographs of the Project Site(s) that demonstrate final stabilization has been achieved. The NOT shall be submitted to the District on or before the Contractor submits its final application for payment. If the Regional Water Board rejects the NOT for any reason, the Contractor shall revise the NOT as many times as necessary to get the Regional Water Board's approval. The Regional Water Board will consider a construction site complete when the conditions of the General Permit, Section II.D have been met.

11. QUALITY ASSURANCE

- 11.1. Before performing any of the obligations indicated herein, the Contractor's QSP shall meet the training and certification requirements in the Construction Storm Water Permit.
- 11.2. Contractor shall perform the Work in strict compliance with the approved SWPPP, REAP, ATS, and the Construction Storm Water Permit.

- 11.3. Contractor shall conduct at least a one-hour training session on the requirements of the SWPPP for each employee before an employee conducts any construction on the Site. Contractor shall maintain documentation of this employee training at the site for review by the District or any regulatory agency.

12. **PERFORMANCE REQUIREMENTS**

- 12.1. The Storm Water Pollution Prevention Plan is a minimum requirement. Revisions and modifications to the SWPPP are acceptable only if they maintain levels of protection equal to or greater than originally specified.
- 12.2. Read and be thoroughly familiar with all of the requirements of the SWPPP.
- 12.3. Inspect and monitor all work and storage areas for compliance with the SWPPP prior to any anticipated rain.
- 12.4. Complete any and all corrective measures as may be directed by the regulatory agency.
- 12.5. **Penalties:** Contractor shall pay any fees and any penalties that may be imposed by the regulatory agency for non-compliance with SWPPP during the course of Work.
- 12.6. **Costs:** Contractor to pay all costs associated with the implementation of the requirements of the SWPPP in order to maintain compliance with the Permit. This includes installation of all Housekeeping BMPs, General Site and Material Management BMPs, Inspection requirements, maintenance requirements, and all other requirements specified in the SWPPP.

13. **MATERIALS**

All temporary and permanent storm water pollution prevention facilities, equipment, and materials as required by or as necessary to comply with the SWPPP as described in the BMP Handbook.

MATERIALS AND EQUIPMENT

1. GENERAL

1.1. MATERIAL AND EQUIPMENT

- 1.1.1. Only items approved by the District and/or Architect shall be used.
- 1.1.2. Contractor shall submit lists of Products and other Product information in accordance with the Contract Documents, including, without limitation, the provisions regarding the submittals.

1.2. MATERIAL AND EQUIPMENT COLORS

- 1.2.1. The Contractor shall comply with all schedule(s) of colors provided by the District and/or Architect.
- 1.2.2. No individual color selections will be made until after approval of all pertinent materials and equipment and after receipt of appropriate samples in accordance with the Contract Documents, including, without limitation, the provisions regarding the submittals.
- 1.2.3. Contractor shall request priority in writing for any item requiring advance ordering to maintain the approved Construction Schedule.

1.3. DELIVERY, STORAGE, AND HANDLING

- 1.3.1. Contractor shall deliver manufactured materials in original packages, containers, or bundles (with seals unbroken), bearing name or identification mark of manufacturer.
- 1.3.2. Contractor shall deliver fabrications in as large assemblies as practicable; where specified as shop-primed or shop-finished, package or crate as required to preserve such priming or finish intact and free from abrasion.
- 1.3.3. Contractor shall store materials in such a manner as necessary to properly protect them from damage. Materials or equipment damaged by handling, weather, dirt, or from any other cause will not be accepted.
- 1.3.4. Except for items that the District has approved, in writing, for Contractor to store off-site, all materials are not be acceptable that have been warehoused for long periods of time, stored or transported in improper environment, improperly packaged, inadequately labeled, poorly protected, excessively shipped, deviated from normal distribution pattern, or reassembled.
- 1.3.5. Contractor shall store material so as to cause no obstructions of sidewalks, roadways, and underground services. Contractor shall protect material and equipment furnished pursuant to the Contract Documents.
- 1.3.6. Contractor may store materials on Site with prior written approval by the District, all material shall remain under Contractor's control and Contractor shall remain liable for any damage to the materials. Should the Project Site(s) not have storage area available, the Contractor shall provide for off-site storage at no cost to District.
- 1.3.7. When any room in Project is used as a shop or storeroom, the Contractor shall be responsible for any repairs, patching, or cleaning necessary due to that use. Location of storage space shall be subject to prior written approval by District.

2. PRODUCTS

2.1. MANUFACTURERS

- 2.1.1. Manufacturers listed in various sections of Contract Documents are names of those manufacturers that are believed to be capable of supplying one or more of items specified therein.
- 2.1.2. The listing of a manufacturer does not imply that every product of that manufacturer is acceptable as meeting the requirements of the Contract Documents.

2.2. FACILITIES AND EQUIPMENT

Contractor shall provide, install, maintain, and operate a complete and adequate facility for handling, the execution, disposal, and distribution of material and equipment as required for proper and timely

performance of Work.

2.3. MATERIAL REFERENCE STANDARDS

Where material is specified solely by reference to "standard specifications" and if requested by District, Contractor shall submit for review data on actual material proposed to be incorporated into Work, listing name and address of vendor, manufacturer, or producer, and trade or brand names of those materials, and data substantiating compliance with standard specifications.

3. EXECUTION

3.1. WORKMANSHIP

- 3.1.1. Where not more specifically described in any other Contract Documents, workmanship shall conform to methods and operations of best standards and accepted practices of trade or trades involved and shall include items of fabrication, construction, or installation regularly furnished or required for completion (including finish and for successful operation, as intended).
- 3.1.2. Work shall be executed by tradespersons skilled in their respective field of work. When completed, parts shall have been durably and substantially built and present a neat appearance.

3.2. COORDINATION

- 3.2.1. Contractor shall coordinate installation of materials and equipment so as to not interfere with installation of other work. Adjustment or rework because of Contractor's failure to coordinate will be at no additional cost to District.
- 3.2.2. Contractor shall examine in-place materials and equipment for readiness, completeness, fitness to be concealed or to receive Work, and compliance with Contract Documents. Concealing or covering work constitutes acceptance of additional cost which will result should in-place materials and equipment be found unsuitable for receiving other work or otherwise deviating from the requirements of the Contract Documents.

3.3. COMPLETENESS

Contractor shall provide all portions of the Work, unless clearly stated otherwise, installed complete and operational with all elements, accessories, anchorages, utility connections, etc., in manner to assure well-balanced performance, in accordance with manufacturer's recommendations and in accordance with Contract Documents. For example, electric water coolers require water, electricity, and drain services; roof drains require drain system; sinks fit within countertop, etc. Terms such as "installed complete," "operable condition," "for use intended," "connected to all utilities," "terminate with proper cap," "adequately anchored," "patch and refinish," "to match similar," should be assumed to apply in all cases, except where completeness of functional or operable condition is specifically stated as not required.

3.4. APPROVED INSTALLER OR APPLICATOR

Contractor shall ensure that all installations are only performed by a manufacturer's approved installer or applicator.

3.5. MANUFACTURER'S RECOMMENDATIONS

All installations shall be in accordance with manufacturer's published recommendations and specific written directions of manufacturer's representative. Should Contract Documents differ from recommendations of manufacturer or directions of manufacturer's representative, Contractor shall analyze differences, make recommendations to the District and the Architect in writing, and shall not proceed until interpretation or clarification has been issued by the District and/or the Architect.

DELIVERY, STORAGE AND HANDLING

1. GENERAL

1.1. PRODUCTS

- 1.1.1. Products are as defined in the General Construction Provisions (Exhibit D to the Facilities Lease).
- 1.1.2. Contractor shall not use and/or reuse materials and/or equipment removed from existing Premises, except as specifically permitted by the Contract Documents.
- 1.1.3. Contractor shall provide interchangeable components of the same manufacturer, for similar components.

1.2. TRANSPORTATION AND HANDLING

- 1.2.1. Contractor shall transport and handle Products in accordance with manufacturer's instructions.
- 1.2.2. Contractor shall promptly inspect shipments to confirm that Products comply with Contract requirements, are of correct quantity, and are undamaged.
- 1.2.3. Contractor shall provide equipment and personnel to properly handle Products to prevent soiling, disfigurement, or damage.

1.3. STORAGE AND PROTECTION

- 1.3.1. Contractor shall store and protect Products in accordance with manufacturer's instructions, with seals and labels intact and legible. Contractor shall store sensitive Products in weather-tight, climate controlled enclosures.
- 1.3.2. Contractor shall place fabricated Products that are stored outside, on above-ground sloped supports.
- 1.3.3. Contractor shall provide off-site storage and protection for Products when Site does not permit on-site storage or protection.
- 1.3.4. Contractor shall cover Products subject to deterioration with impervious sheet covering and provide ventilation to avoid condensation.
- 1.3.5. Contractor shall store loose granular materials on solid flat surfaces in a well-drained area and prevent mixing with foreign matter.
- 1.3.6. Contractor shall provide equipment and personnel to store Products by methods to prevent soiling, disfigurement, or damage.
- 1.3.7. Contractor shall arrange storage of Products to permit access for inspection and periodically inspect to assure Products are undamaged and are maintained under specified conditions.

CONTRACT CLOSEOUT AND FINAL CLEANING

1. GENERAL

1.1. CLOSEOUT PROCEDURES

Contractor shall comply with all closeout provisions as indicated in the General Construction Provisions (Exhibit D to the Facilities Lease).

1.2. FINAL CLEANING

- 1.2.1. Contractor shall execute final cleaning prior to final inspection.
- 1.2.2. Contractor shall clean interior and exterior glass and surfaces exposed to view; remove temporary labels, tape, stains, and foreign substances, polish transparent and glossy surfaces, wax and polish new vinyl floor surfaces, vacuum carpeted and soft surfaces.
- 1.2.3. Contractor shall clean equipment and fixtures to a sanitary condition.
- 1.2.4. Contractor shall replace filters of operating equipment.
- 1.2.5. Contractor shall clean debris from roofs, gutters, down spouts, and drainage systems.
- 1.2.6. Contractor shall clean Site, sweep paved areas, and rake clean landscaped surfaces.
- 1.2.7. Contractor shall remove waste and surplus materials, rubbish, and construction facilities from the Site.

1.3. ADJUSTING

Contractor shall adjust operating products and equipment to ensure smooth and unhindered operation.

1.4. RECORD DOCUMENTS AND SHOP DRAWINGS

Contractor shall legibly mark each item to record actual construction, including:

- 1.4.1. Measured depths of foundation in relation to finish floor datum.
- 1.4.2. Measured horizontal and vertical locations of underground utilities and appurtenances, referenced to permit surface improvements.
- 1.4.3. Measured locations of internal utilities and appurtenances concealed in construction, referenced to visible and accessible features of the Work.
- 1.4.4. Field changes of dimension and detail.
- 1.4.5. Details not on original Contract Drawings
- 1.4.6. Changes made by modification(s).
- 1.4.7. References to related Shop Drawings and modifications.
- 1.4.8. Contractor will provide one set of Record Drawings to District in an electronic format and one set on paper.
- 1.4.9. Contractor shall submit all required documents to District and/or Architect prior to or with its final Application for Payment.

1.5. INSTRUCTION OF DISTRICT PERSONNEL

- 1.5.1. Before final inspection, at agreed upon times, Contractor shall instruct District's designated personnel in operation, adjustment, and maintenance of products, equipment, and systems.
- 1.5.2. For equipment requiring seasonal operation, Contractor shall perform instructions for other seasons within six (6) months.
- 1.5.3. Contractor shall use operation and maintenance manuals as basis for instruction. Contractor shall review contents of manual with personnel in detail to explain all aspects of operation and maintenance.
- 1.5.4. Contractor shall prepare and insert additional data in Operation and Maintenance Manual when need for such data becomes apparent during instruction.
- 1.5.5. Contractor shall use operation and maintenance manuals as basis for instruction. Contractor shall review contents of manual with personnel in detail to explain all aspects of operation and maintenance.
- 1.5.6. Contractor shall be available for up to two (2) four-hour sessions of additional training of District personnel at any time within the first year of operation of the Site.

1.6. SPARE PARTS AND MAINTENANCE MATERIALS

- 1.6.1. Contractor shall provide products, spare parts, maintenance, and extra materials in quantities specified in the Specifications and in Manufacturer's recommendations.
- 1.6.2. Contractor shall provide District all required Operation and Maintenance Data.

FIELD ENGINEERING

1. GENERAL

1.1. REQUIREMENTS INCLUDED

- 1.1.1. Contractor shall provide and pay for field engineering services by a California-registered engineer, required for the Project, including, without limitations:
 - 1.1.1.1. Survey work required in execution of the Project.
 - 1.1.1.2. Civil or other professional engineering services specified, or required to execute Contractor's construction methods.

1.2. QUALIFICATIONS OF SURVEYOR OR ENGINEERS

Contractor shall only use a qualified licensed engineer or registered land surveyor, to whom District makes no objection.

1.3. SURVEY REFERENCE POINTS

- 1.3.1. Existing basic horizontal and vertical control points for the Project are those designated on the Drawings.
- 1.3.2. Contractor shall locate and protect control points prior to starting Site Work and preserve all permanent reference points during construction. In addition Contractor shall:
 - 1.3.2.1. Make no changes or relocation without prior written notice to District and Architect.
 - 1.3.2.2. Report to District and Construction Manager when any reference point is lost or destroyed, or requires relocation because of necessary changes in grades or locations.
 - 1.3.2.3. Require surveyor to replace Project control points based on original survey control that may be lost or destroyed.

1.4. RECORDS

Contractor shall maintain a complete, accurate log of all control and survey work as it progresses.

1.5. SUBMITTALS

- 1.5.1. Contractor shall submit name and address of Surveyor and Professional Engineer to District and Construct Manager prior to its/their work on the Project.
- 1.5.2. On request of District and Construction Manager, Contractor shall submit documentation to verify accuracy of field engineering work, at no additional cost to the District.
- 1.5.3. Contractor shall submit a certificate signed by registered engineer or surveyor certifying that elevations and locations of improvements are in conformance or nonconformance with Contract Documents.

2. EXECUTION

2.1. COMPLIANCE WITH LAWS

Contractor is responsible for meeting all applicable codes, OSHA, safety and shoring requirements.

2.2. NONCONFORMING WORK

Contractor is responsible for any re-surveying required by correction of nonconforming work.

CUTTING AND PATCHING

1. GENERAL

1.1. CUTTING AND PATCHING

- 1.1.1. Contractor shall be responsible for all cutting, fitting, and patching, including associated excavation and backfill, required to complete the Work or to:
 - 1.1.1.1. Make several parts fit together properly.
 - 1.1.1.2. Uncover portions of Work to provide for installation of ill-timed Work.
 - 1.1.1.3. Remove and replace defective Work.
 - 1.1.1.4. Remove and replace Work not conforming to requirements of Contract Documents.
 - 1.1.1.5. Remove Samples of installed Work as specified for testing.
 - 1.1.1.6. Provide routine penetrations of non-structural surfaces for installation of piping and electrical conduit.
 - 1.1.1.7. Attaching new materials to existing remodeling areas – including painting (or other finishes) to match existing conditions.
- 1.1.2. In addition to Contract requirements, upon written instructions from District, Contractor shall uncover Work to provide for observations of covered Work in accordance with the Contract Documents; remove samples of installed materials for testing as directed by District; and remove Work to provide for alteration of existing Work.
- 1.1.3. Contractor shall not cut or alter Work, or any part of it, in such a way that endangers or compromises the integrity of the Work, the Project, or work of others.
- 1.1.4. Contractor shall not cut and patch operating elements and safety related components in a manner that results in reducing their capacity to perform as intended or that results in increased maintenance or decreased operational life or safety. Operating elements include the following:
 - 1.1.4.1. Primary operational systems and equipment.
 - 1.1.4.2. Air or smoke barriers.
 - 1.1.4.3. Fire-suppression systems.
 - 1.1.4.4. Mechanical systems piping and ducts.
 - 1.1.4.5. Control systems.
 - 1.1.4.6. Communication systems.
 - 1.1.4.7. Conveying systems.
 - 1.1.4.8. Electrical wiring systems.
- 1.1.5. Contractor shall not cut and patch miscellaneous elements or related components in a manner that could change their load-carrying capacity, that results in reducing capacity to perform as intended, or that results in increased maintenance or decreased operational life of safety. Miscellaneous elements include the following:
 - 1.1.5.1. Water, moisture or vapor barriers.
 - 1.1.5.2. Membranes and flashings.
 - 1.1.5.3. Exterior curtain-wall construction.
 - 1.1.5.4. Equipment supports.
 - 1.1.5.5. Piping, ductwork, vessels and equipment.
 - 1.1.5.6. Noise and vibration control elements and systems.
 - 1.1.5.7. Shoring, bracing and sheeting.

1.2. SUBMITTALS

- 1.2.1. Contractor shall submit written notice to District pursuant to the applicable notice provisions of the Contract Documents, requesting consent to proceed with the cutting or alteration (Request) at least ten (10) days prior to any cutting or alterations that may affect the structural safety of Project, or work of others, including the following:

- 1.2.1.1. The work of the District or other trades.
- 1.2.1.2. Structural value or integrity of any element of Project.
- 1.2.1.3. Integrity or effectiveness of weather-exposed or weather-resistant elements or systems.
- 1.2.1.4. Efficiency, operational life, maintenance or safety of operational elements.
- 1.2.1.5. Visual qualities of sight-exposed elements.
- 1.2.2. Contractor's Request shall also include:
 - 1.2.2.1. Identification of Project.
 - 1.2.2.2. Description of affected Work.
 - 1.2.2.3. Necessity for cutting, alteration, or excavations.
 - 1.2.2.4. Affects of Work on District, other trades, or structural or weatherproof integrity of Project.
 - 1.2.2.5. Description of proposed Work:
 - 1.2.2.5.1. Scope of cutting, patching, alteration, or excavation.
 - 1.2.2.5.2. Trades that will execute Work.
 - 1.2.2.5.3. Products proposed to be used.
 - 1.2.2.5.4. Extent of refinishing to be done.
 - 1.2.2.6. Alternates to cutting and patching.
 - 1.2.2.7. Cost proposal, when applicable.
 - 1.2.2.8. The scheduled date the Contractor intends to perform the Work and the duration of time to complete the Work.
 - 1.2.2.9. Written permission of other trades whose Work will be affected.
- 1.3. **QUALITY ASSURANCE**
 - 1.3.1. Contractor shall ensure that cutting, fitting, and patching shall achieve security, strength, weather protection, appearance for aesthetic match, efficiency, operational life, maintenance, safety of operational elements, and the continuity of existing fire ratings.
 - 1.3.2. Contractor shall ensure that cutting, fitting, and patching shall successfully duplicate undisturbed adjacent profiles, materials, textures, finishes, colors, and that materials shall match existing construction. Where there is dispute as to whether duplication is successful or has been achieved to a reasonable degree, the District's decision shall be final.
- 1.4. **PAYMENT FOR COSTS**
 - 1.4.1. Cost caused by ill-timed or defective Work or Work not conforming to Contract Documents, including costs for additional services of the District, its consultants, including but not limited to the Construction Manager, the Architect, the Project Inspector(s), Engineers, and Agents, will be paid by Contractor and/or deducted from the Contract by the District.
 - 1.4.2. District shall only pay for cost of Work if it is part of the original Contract Price or if a change has been made to the contract in compliance with the provisions of the General Construction Provisions (Exhibit D to the Facilities Lease). Cost of Work performed upon instructions from the District, other than defective or nonconforming Work, will be paid by District on approval of written Change Order. Contractor shall provide written cost proposals prior to proceeding with cutting and patching.
- 2. **PRODUCTS**
 - 2.1. **MATERIALS**
 - 2.1.1. Contractor shall provide for replacement and restoration of Work removed. Contractor shall comply with the Contract Documents and with the Industry Standard(s), for the type of Work, and the Specification requirements for each specific product involved. If not specified, Contractor shall first recommend a product of a manufacturer or appropriate trade association for approval by the District.
 - 2.1.2. Materials to be cut and patched include those damaged by the performance of the

- Work.
- 3. EXECUTION**
- 3.1. INSPECTION**
- 3.1.1. Contractor shall inspect existing conditions of the Site and the Work, including elements subject to movement or damage during cutting and patching, excavating and backfilling. After uncovering Work, Contractor shall inspect conditions affecting installation of new products.
- 3.1.2. Contractor shall report unsatisfactory or questionable conditions in writing to District as indicated in the General Construction Provisions (Exhibit D to the Facilities Lease) and shall proceed with Work as indicated in the General Construction Provisions (Exhibit D to the Facilities Lease) by District.
- 3.2. PREPARATION**
- 3.2.1. Contractor shall provide shoring, bracing and supports as required to maintain structural integrity for all portions of the Project, including all requirements of the Project.
- 3.2.2. Contractor shall provide devices and methods to protect other portions of Project from damage.
- 3.2.3. Contractor shall, provide all necessary protection from weather and extremes of temperature and humidity for the Project, including without limitation, any work that may be exposed by cutting and patching Work. Contractor shall keep excavations free from water.
- 3.3. ERECTION, INSTALLATION AND APPLICATION**
- 3.3.1. With respect to performance, Contractor shall:
- 3.3.1.1. Execute fitting and adjustment of products to provide finished installation to comply with and match specified tolerances and finishes.
- 3.3.1.2. Execute cutting and demolition by methods that will prevent damage to other Work, and provide proper surfaces to receive installation of repairs and new Work.
- 3.3.1.3. Execute cutting, demolition excavating, and backfilling by methods that will prevent damage to other Work and damage from settlement.
- 3.3.1.4. Contractor shall employ original installer or fabricator to perform cutting and patching for:
- 3.3.1.5. Weather-exposed surfaces and moisture-resistant elements such as roofing, sheet metal, sealants, waterproofing, and other trades.
- 3.3.1.6. Sight-exposed finished surfaces.
- 3.3.2. Contractor shall execute fitting and adjustment of products to provide a finished installation to comply with specified products, functions, tolerances, and finishes as shown or specified in the Contract Documents including, without limitation, the Drawings and Specifications.
- 3.3.3. Contractor shall fit Work airtight to pipes, sleeves, ducts, conduit, and other penetrations through surfaces. Contractor shall conform to all Code requirements for penetrations or the Drawings and Specifications, whichever calls for a higher quality or more thorough requirement. Contractor shall maintain integrity of both rated and non-rated fire walls, ceilings, floors, etc.
- 3.3.4. Contractor shall restore Work which has been cut or removed. Contractor shall install new products to provide completed Work in accordance with requirements of the Contract Documents and as required to match surrounding areas and surfaces.
- 3.3.5. Contractor shall refinish all continuous surfaces to nearest intersection as necessary to match the existing finish to any new finish.

OPERATION AND MAINTENANCE DATA

1. GENERAL

1.1. QUALITY ASSURANCE

Contractor shall prepare instructions and data by personnel experienced in maintenance and operation of described products.

1.2. FORMAT

- 1.2.1. Contractor shall prepare data in the form of an instructional manual entitled "OPERATIONS AND MAINTENANCE MANUAL & INSTRUCTIONS" ("Manual").
- 1.2.2. Binders: Contractor shall use commercial quality, 8-1/2 by 11 inch, three-side rings, with durable plastic covers; two inch maximum ring size. When multiple binders are used, Contractor shall correlate data into related consistent groupings.
- 1.2.3. Cover: Contractor shall identify each binder with typed or printed title "OPERATION AND MAINTENANCE MANUAL & INSTRUCTIONS"; and shall list title of Project and identify subject matter of contents.
- 1.2.4. Contractor shall arrange content by systems process flow under section numbers and sequence of Table of Contents of the Contract Documents.
- 1.2.5. Contractor shall provide tabbed fly leaf for each separate Product and system, with typed description of Product and major component parts of equipment.
- 1.2.6. Text: The content shall include Manufacturer's printed data, or typewritten data on 24 pound paper.
- 1.2.7. Drawings: Contractor shall provide with reinforced punched binder tab and shall bind in with text; folding larger drawings to size of text pages.

1.3. CONTENTS, EACH VOLUME

- 1.3.1. Table of Contents: Contractor shall provide title of Project; names, addresses, and telephone numbers of the Architect, any engineers, subconsultants, Subcontractor(s), and Contractor with name of responsible parties; and schedule of Products and systems, indexed to content of the volume.
- 1.3.2. For Each Product or System: Contractor shall list names, addresses, and telephone numbers of Subcontractor(s) and suppliers, including local source of supplies and replacement parts.
- 1.3.3. Product Data: Contractor shall mark each sheet to clearly identify specific Products and component parts, and data applicable to installation. Delete inapplicable information.
- 1.3.4. Drawings: Contractor shall supplement Product data to illustrate relations of component parts of equipment and systems, to show control and flow diagrams. Contractor shall not use Project Record Documents as maintenance drawings.
- 1.3.5. Text: The Contractor shall include any and all information as required to supplement Product data. Contractor shall provide logical sequence of instructions for each procedure, incorporating manufacturer's instructions.

1.4. MANUAL FOR MATERIALS AND FINISHES

- 1.4.1. Building Products, Applied Materials, and Finishes: Contractor shall include Product data, with catalog number, size, composition, and color and texture designations. Contractor shall provide information for re-ordering custom manufactured Products.
- 1.4.2. Instructions for Care and Maintenance: Contractor shall include Manufacturer's recommendations for cleaning agents and methods, precautions against detrimental agents and methods, and recommended schedule for cleaning and maintenance.
- 1.4.3. Moisture Protection and Weather Exposed Products: Contractor shall include Product data listing applicable reference standards, chemical composition, and details of installation. Contractor shall provide recommendations for inspections, maintenance, and repair.
- 1.4.4. Additional Requirements: Contractor shall include all additional requirements as specified in the Specifications.

- 1.4.5. Contractor shall provide a listing in Table of Contents for design data, with tabbed fly sheet and space for insertion of data.

1.5. MANUAL FOR EQUIPMENT AND SYSTEMS

- 1.5.1. Each Item of Equipment and Each System: Contractor shall include description of unit or system, and component parts and identify function, normal operating characteristics, and limiting conditions. Contractor shall include performance curves, with engineering data and tests, and complete nomenclature, and commercial number of replaceable parts.
- 1.5.2. Panelboard Circuit Directories: Contractor shall provide electrical service characteristics, controls, and communications.
- 1.5.3. Contractor shall include color coded wiring diagrams as installed.
- 1.5.4. Operating Procedures: Contractor shall include start-up, break-in, and routine normal operating instructions and sequences. Contractor shall include regulation, control, stopping, shut-down, and emergency instructions. Contractor shall include summer, winter, and any special operating instructions.
- 1.5.5. Maintenance Requirements: Contractor shall include routine procedures and guide for trouble-shooting; disassembly, repair, and reassembly instructions; and alignment, adjusting, balancing, and checking instructions.
- 1.5.6. Contractor shall provide servicing and lubrication schedule, and list of lubricants required.
- 1.5.7. Contractor shall include manufacturer's printed operation and maintenance instructions.
- 1.5.8. Contractor shall include sequence of operation by controls manufacturer.
- 1.5.9. Contractor shall provide original manufacturer's parts list, illustrations, assembly drawings, and diagrams required for maintenance.
- 1.5.10. Contractor shall provide control diagrams by controls manufacturer as installed.
- 1.5.11. Contractor shall provide Contractor's coordination drawings, with color coded piping diagrams as installed.
- 1.5.12. Contractor shall provide charts of valve tag numbers, with location and function of each valve, keyed to flow and control diagrams.
- 1.5.13. Contractor shall provide list of original manufacturer's spare parts, current prices, and recommended quantities to be maintained in storage.
- 1.5.14. Additional Requirements: Contractor shall include all additional requirements as specified in Specification(s).
- 1.5.15. Contractor shall provide a listing in Table of Contents for design data, with tabbed fly sheet and space for insertion of data.

1.6. SUBMITTAL

- 1.6.1. Concurrent with the Submittal Schedule as indicated in the General Construction Provisions (Exhibit D to the Facilities Lease), Contractor shall submit to the District for review two (2) copies of a preliminary draft of proposed formats and outlines of the contents of the Manual.
- 1.6.2. For equipment, or component parts of equipment put into service during construction and to be operated by District, Contractor shall submit draft content for that portion of the Manual within ten (10) days after acceptance of that equipment or component.
- 1.6.3. On or before the Contractor submits its final application for payment, Contractor shall submit two (2) copies of a complete Manual in final form. The District will provide comments to Contractor and Contractor must revise the content of the Manual as required by District prior to District's approval of Contractor's final Application for Payment.
- 1.6.4. Contractor must submit two (2) copies of revised Manual in final form within ten (10) days after receiving District's comments. Failure to do so will be a basis for the District withholding funds sufficient to protect itself for Contractor's failure to provide a final

Manual to the District. All final documents to be concurrently provided to the District in an electronic format.

WARRANTIES

1. GENERAL

1.1. FORMAT

- 1.1.1. Binders: Contractor shall use commercial quality, 8-1/2 by 11 inch, three-side rings, with durable plastic covers; two inch maximum ring size.
- 1.1.2. Cover: Contractor shall identify each binder with typed or printed title "WARRANTIES" and shall list title of Project.
- 1.1.3. Table of Contents: Contractor shall provide title of Project; name, address, and telephone number of Contractor and equipment supplier, and name of responsible principal. Contractor shall identify each item with the number and title of the specific Specification, document, provision, or section in which the name of the Product or work item is specified.
- 1.1.4. Contractor shall separate each warranty with index tab sheets keyed to the Table of Contents listing, providing full information and using separate typed sheets as necessary. Contractor shall list each applicable and/or responsible Subcontractor(s), supplier(s), and/or manufacturer(s), with name, address, and telephone number of each responsible principal(s).

1.2. PREPARATION

- 1.2.1. Contractor shall obtain warranties, executed in duplicate by each applicable and/or responsible subcontractor(s), supplier(s), and manufacturer(s), within ten (10) days after completion of the applicable item or work. Except for items put into use with District's permission, Contractor shall leave date of beginning of time of warranty until the date of completion is determined.
- 1.2.2. Contractor shall verify that warranties are in proper form, contain full information, and are notarized, when required.
- 1.2.3. Contractor shall co-execute submittals when required.
- 1.2.4. Contractor shall retain warranties until time specified for submittal.

1.3. TIME OF SUBMITTALS

- 1.3.1. For equipment or component parts of equipment put into service during construction with District's permission; Contractor shall submit a draft warranty for that equipment or component within ten (10) days after acceptance of that equipment or component.
- 1.3.2. On or before the Contractor submits its final application for payment, Contractor shall submit all warranties and related documents in final form. The District will provide comments to Contractor and Contractor must revise the content of the warranties as required by District prior to District's approval of Contractor's final Application for Payment.
- 1.3.3. For items of Work that are not completed until after the date of Completion, Contractor shall provide an updated warranty for those item(s) of Work within ten (10) days after acceptance, listing the date of acceptance as start of warranty period.

RECORD DOCUMENTS

1. RECORD DRAWINGS

1.1. GENERAL

- 1.1.1. "Record Drawings" may also be referred to in the Contract as "As-Built Drawings."
- 1.1.2. As indicated in the Contract Documents, District will provide Contractor with one set of reproducible plans of the original Contract Drawings.
- 1.1.3. Contractor shall maintain at each Project Site(s) one (1) set of marked-up plans and shall transfer all changes and information to those marked-up plans, as often as required in the Contract Documents, but in no case less than once each month. Contractor shall submit to the Project Inspector one set of the Project Record Drawings ("As-Built") showing all changes incorporated into the Work since the preceding monthly submittal. The As-Built shall be available at the Project Site(s). The Contractor shall submit reproducible documents at the conclusion of the Project following review of the red-lined prints.
- 1.1.4. Label and date each Record Drawing "RECORD DOCUMENT" in legibly printed letters.
- 1.1.5. All deviations in construction, including but not limited to pipe and conduit locations and deviations caused by without limitation Change Orders, Construction Directives, RFI's, and Addenda, shall be accurately and legibly recorded by Contractor
- 1.1.6. Locations and changes shall be done by Contractor in a neat and legible manner and, where applicable, indicated by drawing a "cloud" around the changed or additional information.

1.2. RECORD DRAWING INFORMATION

- 1.2.1. Contractor shall record the following information:
 - 1.2.1.1. Locations of Work buried under or outside each building, including, without limitation, all utilities, plumbing and electrical lines, and conduits.
 - 1.2.1.2. Actual numbering of each electrical circuit.
 - 1.2.1.3. Locations of significant Work concealed inside each building whose general locations are changed from those shown on the Contract Drawings.
 - 1.2.1.4. Locations of all items, not necessarily concealed, which vary from the Contract Documents.
 - 1.2.1.5. Installed location of all cathodic protection anodes.
 - 1.2.1.6. Deviations from the sizes, locations, and other features of installations shown in the Contract Documents.
 - 1.2.1.7. Locations of underground work, points of connection with existing utilities, changes in direction, valves, manholes, catch basins, capped stubouts, invert elevations, etc.
 - 1.2.1.8. Sufficient information to locate Work concealed in each building with reasonable ease and accuracy.
- 1.2.2. In some instances, this information may be recorded by dimension. In other instances, it may be recorded in relation to the spaces in the building near which it was installed.
- 1.2.3. Contractor shall provide additional drawings as necessary for clarification.
- 1.2.4. Contractor shall provide reproducible record drawings, made from final Shop Drawings marked "No Exceptions Taken" or "Approved as Noted."

2. RECORD SPECIFICATIONS

Contractor shall mark each section legibly to record manufacturer, trade name, catalog number, and supplier of each Product and item of equipment actually installed.

3. MAINTENANCE OF RECORD DOCUMENTS

- 3.1. Contractor shall store Record Documents apart from documents used for construction as follows:
 - 3.1.1. Provide files and racks for storage of Record Documents.
 - 3.1.2. Maintain Record Documents in a clean, dry, legible condition and in good order.

3.2. Contractor shall not use Record Documents for construction purposes.

COMMISSIONING

1. RELATED DOCUMENTS AND PROVISIONS

Contractor shall review all Contract Documents for applicable provisions related to the provisions in this document, including without limitation:

- 1.1. LEED Certification Sustainable Design Requirements.

2. SUMMARY

- 2.1. Commissioning is a process for validating and documenting that the facility and its systems are constructed and perform in conformity with the Contract Documents.
- 2.2. The objective of the commissioning process is to verify that the performance of the facility and its systems meet or exceed the design intent.
- 2.3. Commissioning includes special facility start-up processes used to bring the facility to a fully operational state, free of deficiencies in an efficient and timely manner.
- 2.4. Training on related systems and equipment operation and maintenance shall be scheduled to commence only after start-up is complete and systems are verified to be 100% complete and functional.

3. DESCRIPTION

The following applies to all Contract Documents:

- 3.1. **Contractor Startup:** Sub-phase of Contractor's work ending with Acceptance of Work, during which Contractor performs a pre-planned program of activities including starting, testing, inspecting, adjusting balancing, correcting deficiencies and other similar activities.
 - 3.1.1. The District, Construction Manager and Architect and the Inspector shall be present to observe, inspect and identify deficiencies in building systems operations.
- 3.2. The completion of startup means the entire Construction Project including startup and fine tuning has been performed to the requirements of the Contract Documents and is verified in writing by the District, Construction Manager and Architect.
- 3.3. **Fine Tuning:** Fine tuning is the responsibility of Contractors after District occupancy and ending one (1) year after District occupancy. During this time, the Contractor is responsible for optimizing systems and correcting deficiencies arising under normal operating conditions.
 - 3.3.1. Includes a period after occupancy where systems are optimized under "live" operating conditions and any outstanding construction deficiencies are corrected.
 - 3.3.2. Fine Tuning shall extend from date of District occupancy to one year after occupancy.

4. DEFINITION OF TERMS

- 4.1. **Contractor's Pre-Commissioning Checklists:** Includes installation and start-up items as specified to be completed by the appropriate contractors prior to operational verification through the functional testing process.
- 4.2. **Installation Verification Process:** Includes the on-site inspection and review of related system components for conformance to Contract Documents. The Contractor shall verify systems readiness for functional testing procedures prior to the start of functional testing. Deficiencies will be documented by the Inspector for future resolution.
- 4.3. **Functional Performance Testing Process:** Includes the documented testing of system parameters, under actual or simulated operating conditions. Final performance commissioning of systems will begin only after the appropriate Contractor certifies that systems are 100% complete and ready for functional testing. The Contractor will be required to schedule, coordinate and perform device tests, calibration and functional performance test procedures.
- 4.4. **Deficiencies and Resolutions List:** Includes a list of noted deficiencies discovered as a result of the commissioning process. This list also includes the current disposition of issues, and the date of final resolution as confirmed by the Construction Manager and Inspector. Deficiencies are defined as those issues where products execution or performance does not satisfy the Project Contract Documents and/or the design intent.

5. COMMISSIONING SCHEDULE

- 5.1. Provide schedules for Contractor Start-Up work.

- 5.2. Incorporate in overall construction schedule.
- 5.3. Contractor's activities, which will be performed as specified under Fine Tuning, shall be completed within one (1) year from date of occupancy by the District.

6. CONTRACTOR RESPONSIBILITIES

- 6.1. Provide utility services required for the commissioning process.
- 6.2. Contractor is responsible for construction means, methods, job safety, and/or management function related to commissioning on the Project Site.
- 6.3. Contractor shall assign representatives with expertise and authority to act on behalf of Contractor and schedule the representatives to participate in and perform commissioning team activities including, but not limited to, the following:
 - 6.3.1. Participate in design and construction-phase coordination meetings.
 - 6.3.2. Participate in maintenance orientation and inspection.
 - 6.3.3. Participate in operation and maintenance training sessions.
 - 6.3.4. Participate in final review.
 - 6.3.5. Certify that Work is complete and systems are operational according to the Contract Documents, including calibration of instrumentation and controls.
 - 6.3.6. Evaluate performance deficiencies identified in test reports and, in collaboration with entity responsible for system and equipment installation, recommend corrective action.
 - 6.3.7. Review and comment on final commissioning documentation.
- 6.4. Contractor shall integrate all commissioning activities into Contractor's Construction Schedule.
- 6.5. Contractor's Subcontractors shall assign representatives with expertise and authority to act on behalf of subcontractors and schedule the representatives to participate in and perform commissioning team activities including, but not limited to, the following:
 - 6.5.1. Participate in design and construction-phase coordination meetings.
 - 6.5.2. Participate in maintenance orientation and inspection.
 - 6.5.3. Participate in procedures meeting for testing.
 - 6.5.4. Participate in final review.
 - 6.5.5. Provide schedule for operation and maintenance data submittals, equipment startup, and testing to Commissioning Authority for incorporation into the commissioning plan. Update schedule on a weekly basis throughout the construction period.
 - 6.5.6. Provide information to the Commissioning Authority for developing construction phase commissioning plan.
 - 6.5.7. Participate in training sessions for District's operation and maintenance personnel.
 - 6.5.8. Provide updated Project Record Documents to Commissioning Authority on a daily basis.
 - 6.5.9. Gather and submit operation and maintenance data for systems, subsystems, and equipment to the Commissioning Authority, as specified in Division 01 Document "Operation and Maintenance Data."
 - 6.5.10. Provide technicians who are familiar with the construction and operation of installed systems, who shall execute the test procedures developed by the Commissioning Authority, and who shall participate in testing of installed systems, subsystems, and equipment.

7. SUBMITTALS

- 7.1. Submit Draft and Final Contractor Start-up Forms as described in this Document. Submit Draft Report for Construction Manager and Architect's review and comment prior to Final Submission. Submit Final Report not later than twenty weeks before scheduled date of Acceptance of Work.
- 7.2. Prepare and submit one copy of report form to be used in preparation of system reports for:
 - 7.2.1. Food Service Equipment.
 - 7.2.2. Gymnasium Equipment and Scoreboards
 - 7.2.3. Laboratory Fume Hoods
 - 7.2.4. Elevators
 - 7.2.5. Each mechanical system specified in Division 15.

- 7.2.6. Each Electrical system specified in Division 16.
- 7.3.** Each System Report shall be submitted including the following:
- 7.3.1. Project Name
- 7.3.2. Name of System
- 7.3.3. Index of report's content
- 7.3.4. Adjacent to list of equipment, columns to indicate status of equipment operation, to date and to sign off equipment start-up.
- 7.3.5. Space to record equipment and operational problems which cannot be corrected with scheduled Contractor Start-Up program and which may delay Acceptance of Work.
- 7.3.6. Manufacturer's equipment start-up reports.
- 7.3.7. Systems' testing, balancing, and adjusting reports.
- 7.3.8. Equipment Report Forms shall include the following: Project name, name of equipment, starting and testing procedures to be performed and observations and test results to be recorded.

8. QUALITY ASSURANCE

- 8.1.** Training Instructor Qualifications: Contractor shall provide factory-authorized service representatives, experienced in training, operation, and maintenance procedures for installed systems, subsystems, and equipment.
- 8.2.** Test Equipment Calibration: Comply with test equipment manufacturer's calibration procedures and intervals. Recalibrate test instruments (per NIST requirements if applicable) immediately whenever instruments have been repaired following damage or dropping. Affix calibration tags to test instruments. Instruments shall have been calibrated within six months prior to use.

9. EQUIPMENT & SYSTEM SCHEDULE

The following equipment shall be commissioned in this Project:

System	Equipment	Note	Req'd by LEED
HVAC System	Chillers		X
	Boilers		X
	Pumps		X
	Cooling towers		X
	Variable frequency drives		X
	Air handlers		X
	Packaged AC units		X
	Terminal units for Office areas	2	X
	Unit heaters		X
	Heat exchangers		X
Building Management System	Exhaust fans		X
	Supply fans		X
	Return fans		X
	Sequences of Operation, Monitored Points, and Alarms		X
	Metering/Monitoring Devices and Equipment		X
	Software Commissioning, GUI presentation commissioning, system access performance criteria, software tools/source code commissioning, instrument data sheets, middleware commissioning, Internet Protocol commissioning		
Electrical System	Sweep or scheduled lighting controls	2	X
	Daylight dimming controls		X

	Lighting occupancy sensors		X
	Electrical grounding		
Plumbing System	Domestic water heaters		X
Security Alarm Systems	Security cameras and monitoring system personal duress alarm system; Intercom system; Paging System.		
System	Equipment	Note	Req'd by LEED
Security Electronics	Security plumbing fixture water management system.		
	Door Controls.		
	Fire alarm system.		
	Distributed radio antenna system.		
	Access control system.		
Courtroom Systems	Room acoustics.		
	Sound masking system.		
	Assisted listening.		
	Video projection.		
	Audio system.		
	Lighting and lighting controls.		X
Fire/Life Safety Systems	All devices		
	Alarm drivers		
	HVAC/Fire System Integration		
	Event Notifying and Reporting Systems		
Communication System			

9.1. SYSTEM FAILURES

- 9.2.** After a second failure of a system to successfully meet the criteria as set for in the functional performance testing process, the Contractor shall reimburse the District for cost associated with any additional retesting required due to uncorrected deficiencies. Costs shall include salary, benefits, overhead, travel costs and per diem lodging costs if applicable.

**EXHIBIT J
TO FACILITIES LEASE**

PLANS, TECHNICAL SPECIFICATIONS, AND DRAWINGS

[IF PLANS ARE FINAL – PROVIDE A COMPLETE LIST OF ALL PLANS, TECHNICAL SPECS, AND OTHER DRAWINGS]

OR

[INCLUDE IF CONTRACTOR PERFORMS PRELIMINARY SERVICES AND PARTIES AMEND FOR GPC]: IF THE PARTIES AGREE TO A GUARANTEED PROJECT COST AND AMEND THE CONTRACT, THE PARTIES SHALL ALSO AMEND THIS EXHIBIT AND INCLUDE THE PLANS, TECHNICAL SPECIFICATIONS, AND DRAWINGS FOR THE PROJECT PURSUANT TO THE CONTRACT.

**EXHIBIT K
TO FACILITIES LEASE**

REVISIONS TO CONTRACT DOCUMENTS

[MUST BE REVISED / SPECIFIED FOR EACH PROJECT]

FACILITIES LEASE

Section 3.4 (Operating School): The phasing plan shall be as follows:

- _____
- _____
- _____

Section 3.6 (No Work During Student Testing): The following dates and times apply to this section:

- Each January: Two (2) days (Finals)
- Each March: Two (2) days (CAHSEE)
- Each June: Two (2) days (Finals)
- Each April - May: Ten (10) days (STAR and AP)

EXHIBIT D TO FACILITIES LEASE

Section 6.2.1 [Staffing Requirement]: The minimum staffing for the Project shall be a competent:

- Project Manager,
- Full-time Construction Superintendent on each active component/project,
- Project Engineer, and
- Project Administrator

Contractor shall provide with its proposal the name and resume for each specific individual that it is proposing for each position. Those persons shall be made available for interviews with the District, if requested.

Section 7.3 Bidding for Subcontractor Work

7.3.1 CONTRACTOR SHALL SOLICIT AND PROCURE SUBCONTRACTORS PURSUANT TO THE SUBCONTRACTOR PROCUREMENT PROCESS ATTACHED TO THE FACILITIES LEASE AS EXHIBIT H.

7.3.2 Contractor agrees and acknowledges that the Subcontractor Procurement Process is integral to the Parties negotiating in good faith to agree upon a GMP. If Contractor fails to comply with any of its obligations to procure Subcontractors in the Contract Documents, it will be considered a material breach and Default of the Facilities Lease, and the District shall have the right to terminate the Facilities Lease.

Article 10 – CONTRACTOR’S SUBMITTALS AND SCHEDULES

Item	Description	Due Date
Construction Schedule	Must be in Microsoft Project or Primavera or Equivalent	Within 30 days of District’s Notice to Proceed.
Schedule of Values	With all the detail as required in	Prior to the District’s

	Exhibit D.	approval of the Contractor's first Application for Tenant Improvement Payment
Shop Drawings		Within 30 days of District's Notice to Proceed.
Safety Plan		Within 30 days of District's Notice to Proceed.
Complete Subcontractor List		Within 30 days of District's Notice to Proceed.
Logistics Plan		Within 30 days of District's Notice to Proceed.

Section 15.1.1.4: The number of days that must be exceeded to claim extra time for "Adverse Weather":
[ALTERNATIVELY: THE DISTRICT AND CONTRACTOR MAY NEGOTIATE A CUMULATIVE NUMBER OF DAYS FOR THE DURATION OF THE PROJECT.]

January	<u>7</u>	July	<u>0</u>
February	<u>7</u>	August	<u>0</u>
March	<u>4</u>	September	<u>0</u>
April	<u>3</u>	October	<u>2</u>
May	<u>1</u>	November	<u>2</u>
June	<u>1</u>	December	<u>2</u>

END OF DOCUMENT

**EXHIBIT L
TO FACILITIES LEASE**

AGREEMENT FOR PRELIMINARY SERVICES

This Agreement for Preliminary Services ("**Agreement**") dated October 12, 2021 ("**Effective Date**"), is made and entered into by and between the **Alameda Unified School District** ("**District**") and **Lathrop Construction Associates, Inc.** ("**Contractor**") (together, the "**Parties**").

WHEREAS, the District's Governing Board, in order to enable the District to utilize the lease-leaseback delivery method for future construction projects, adopted procedures for a fair and impartial solicitation process to evaluate qualifications and proposals to determine which proposer provides the "best value" pursuant to Education Code section 17406(a)(2) ("**Lease-Leaseback Procedures**"); and

WHEREAS, Education Code section 17406(a)(1) permits the District to utilize the lease-leaseback delivery method to enter into a lease whereby the District leases the project site to the contractor to construct the project, and the contractor then leases the project site back to the District; and

WHEREAS, prior to entering into the lease to construct the project, Education Code section 17406(b)(1) permits the District to enter into a contract for the performance of preliminary services before the Division of the State Architect ("**DSA**") approves the plans and specifications for a project so long as the contractor does not perform any services for which a contractor's license is required; and

WHEREAS, consistent with the Lease-Leaseback Procedures, the District issued a request for qualifications and proposals ("**RFQ/P**") to solicit proposals from qualified firms to perform both preliminary services and construction services for the District's **ACLC/Nea Mechanical Modernization & Perimeter Fencing, Bay Farm School New Classroom Building & Site Work, and Earhart Elementary School Modernization** ("**Project**"), and through the RFQ/P the District intended to award both the performance of preliminary phase services and construction phases services to the successful contractor; and

WHEREAS, after receiving and scoring the proposals, the District determined that the Contractor presented the District the "best value" to the District and the District's Governing Board awarded the Project to the Contractor; and

WHEREAS, the District seeks to have the Contractor perform preliminary services as more fully described in **Attachment A** attached hereto ("**Preliminary Services**") pursuant to Education Code section 17406(b)(1), and the Contractor represents that it is able and qualified to perform Preliminary Services for the Lease-Leaseback Project prior to the Contractor providing construction phase services; and

WHEREAS, after the Contractor performs Preliminary Services, the Parties acknowledge that Contractor shall procure subcontractors, propose a Guaranteed Maximum Price / Guaranteed Project Cost ("**GMP**" or "**GPC**"), and the Parties shall enter into a Site Lease and Facilities Lease for the construction of the Lease-Leaseback Project based on the Contractor's response to the RFQ/P.

AGREEMENT

NOW, THEREFORE, for good and sufficient consideration, receipt of which is acknowledged, the Parties agree as follows:

1. **Services.** The Contractor shall provide the services as described in **Attachment A**, attached hereto and incorporated herein by this reference ("**Services**" or "**Work**"). The scope of services will generally consist of the following:

Contractor shall perform Preliminary Services for the Project upon the District's issuance of a Notice to Proceed consistent with the Schedule.

- 1.1. The Services shall be performed at ACLC/Nea, Bay Farm School, and Earhart Elementary School, as further described in the Scope of Work for Preliminary Services attached hereto as **Attachment A ("Project")**.
2. **Term.** Unless terminated or otherwise cancelled as permitted herein, the term of this Agreement shall be for the duration of the Services provided under this Agreement consistent with the Schedule.
 - 2.1. **Notice to Proceed.** Within a reasonable time after the Parties execute this Agreement, the District shall issue a Notice to Proceed to Contractor at which time Contractor shall commence the performance of the Services.
 - 2.2. **Schedule.** The schedule for the Preliminary Services is as follows ("**Schedule**"):
 - 2.2.1. Contractor shall commence the Preliminary Services on or before **October 27, 2021**, and
 - 2.2.2. Contractor shall complete the Preliminary Services on or before **November 30, 2021**.
3. **One Project.** The Parties agree and acknowledge, consistent with the RFQ/P and relevant law, that upon the District's award to the Contractor of the Lease-Leaseback Project, the Parties intended the Contractor to perform Preliminary Services and construction services for the Lease-Leaseback Project as one continuous project, and, except insofar as the Parties cannot agree on a GPC for the Lease-Leaseback Project at the conclusion of Preliminary Services, the District intends, and always has intended, for the Contractor to construct the Lease-Leaseback Project.
4. **Submittal of Documents.** The Contractor shall not commence the Work under this Agreement until the Contractor has submitted and the District has approved the certificate(s) and affidavit(s), and the endorsement(s) of insurance required as indicated below:

<u> X </u>	Signed Agreement
<u> X </u>	Workers' Compensation Certification
<u> X </u>	Fingerprinting/Criminal Background Investigation Certification
<u> X </u>	Insurance Certificates and Endorsements
<u> X </u>	W-9 Form
<u> </u>	Bonds (as required or requested by District)

5. **Compensation.** The District shall pay Contractor for Contractor's performance of Preliminary Services a total fee **not to exceed**:

Site/Project	Amount
ACLC/Nea Mechanical Modernization & Fencing	Eleven Thousand Dollars (\$11,000)
Bay Farm School New Classroom Building	Twenty-One Thousand Dollars (\$21,000)
Earhart Elementary School Modernization	Twenty-One Thousand Dollars (\$21,000)
Total	Fifty-three Thousand Dollars (\$53,000)

based on the amount of Work satisfactorily performed and approved by the District pursuant to the scope and provisions in **Attachment A** attached hereto and as indicated herein ("Fee"):

<u>Job Title</u>	<u>Hourly Rate</u>
Project Manager	\$155
Constructability Reviewer	\$155
Estimator	\$155
Scheduler	\$105

- 5.1. The Fee includes all costs and expenses for all time and materials required and expended to provide the specific Preliminary Services including but not limited to the costs of hiring sub-consultants, contractors and other professionals, review of the Lease-Leaseback Project, Plans and Specifications, review and preparation of necessary documentation relating to the development of the Lease-Leaseback Project, all travel-related expenses, as well as for meetings with District and its representatives, long distance telephone charges, copying expenses, salaries of Contractor staff and employees working on the Project, overhead, and any other reasonable expenses incurred by Contractor in performance of the Preliminary Services.
- 5.2. The Contractor shall submit a monthly itemized statement of Service charges and expenses to the District on the fifth (5th) day of each month. The itemized statement shall reflect the hours spent, or scopes of work performed, by the Contractor in performing its Services, and, if applicable, the statements shall reflect expenses and materials. The itemized statement shall show the days and hours worked each workday Contractor performs Services for the previous month. District will permit a one (1) month grace period beyond this time for the Contractor to submit its invoice for a particular month's work. No amounts shall be due or owing to the Contractor if it fails to submit an invoice to the District at or before the end of that grace period.
- 5.3. Payment for the Work shall be made for all undisputed amounts in monthly installment payments within forty five (45) days after the Contractor submits an itemized statement to the District for Work actually completed and after the District's written approval of the Work, or the portion of the Work for which payment is to be made.
6. **Expenses.** District shall not be liable to Contractor for any costs or expenses paid or incurred by Contractor in performing the Services, except as expressly provided for in this Agreement.
7. **Independent Contractor.** Contractor, in the performance of this Agreement, shall be and act as an independent contractor. Contractor understands and agrees that it and all of its employees shall not be considered officers, employees, agents, partner, or joint venture of the District, and are not entitled to benefits of any kind or nature normally provided employees of the District and/or to which District's employees are normally entitled, including, but not limited to, State Unemployment Compensation or Worker's Compensation. Contractor shall assume full responsibility for payment of all federal, state and local taxes or contributions, including unemployment insurance, social security and income taxes with respect to Contractor's employees. In the performance of the work herein contemplated, Contractor is an independent contractor or business entity, with the sole authority for controlling and directing the performance of the details of Contractor's Work, District being interested only in the results obtained.
8. **Contractor and Subcontractor Registration and Compliance.**
 - 8.1. Contractor acknowledges that, for purposes of Labor Code section 1725.5, all or some of the Work is a public work to which Labor Code section 1771 applies and that the Project is subject to compliance monitoring and enforcement by the Department of Industrial Relations. Contractor shall comply with Labor Code section 1725.5, including without limitation the registration requirements for itself and its

subcontractors. Contractor represents that all of its subcontractors are registered pursuant to Labor Code section 1725.5.

8.2. Labor Code section 1771.1(a) states the following:

“A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work Contractor to Section 1725.5 at the time the contract is awarded.”

8.3. Contractor shall comply with the registration and compliance monitoring provisions of Labor Code section 1771.4, including furnishing its CPRs to the Labor Commissioner of California and complying with any applicable enforcement by the Department of Industrial Relations.

8.4. Contractor shall post job site notices, as required by law, including without limitation Labor Code section 1771.4.

8.5. Contractor shall comply with all requirements of Labor Code section 1771.4, except the requirements that are exempted by the Labor Commissioner for the Project.

9. **Designated Representatives.** Contractor shall coordinate with District personnel and/or its designated representatives as may be requested and desirable, including with other professionals employed by the District for the design, coordination or management of other work related to the Project.

10. **Materials.** Contractor shall furnish, at its own expense, all labor, materials, equipment, supplies and other items necessary to complete the services to be provided pursuant to this Agreement, except as expressly provided for in this Agreement.

11. **Performance of Services.**

11.1. **Standard of Care.**

11.1.1. Contractor represents that Contractor has the qualifications and ability to perform the Services in a professional manner, without the advice, control or supervision of District. Contractor's Services will be performed, findings obtained, reports and recommendations prepared in accordance with generally and currently accepted principles and practices of its profession for services to California school districts. Contractor's Services will be performed with due care and in accordance with applicable law, code, rule, regulation, and/or ordinance.

11.1.2. Contractor hereby represents, to the extent applicable, that it possesses the necessary professional capabilities, qualifications, licenses, skilled personnel, experience, expertise, and financial resources, and it has available and will provide the necessary equipment, materials, tools, and facilities to perform the Services in an efficient, professional, and timely manner in accordance with the terms and conditions of the Agreement.

11.1.3. Contractor shall be responsible for the professional quality, technical accuracy, completeness, and coordination of the Services, and Contractor understands that the District relies upon such

professional quality, accuracy, completeness, and coordination by Contractor in performing the Services.

11.1.4. Contractor shall ensure that any individual performing work under the Agreement requiring a California license shall possess the appropriate license required by the State of California. All personnel shall have sufficient skill and experience to perform the work assigned to them.

11.2. **Meetings.** In addition to all public hearings and meetings, Contractor agrees to participate in coordination meetings to discuss District strategies, timetables, implementations of Services, and any other issues deemed relevant to the Project.

11.3. **District Approval.**

11.3.1. The District has the right to inspect and supervise to secure satisfactory completion of the Services.

11.3.2. Prior to any documents being made public, Contractor shall provide in draft form to District staff and District legal counsel, all documents that it or its subcontractors prepare.

12. Information.

12.1. **Furnished by District.** Upon request by Contractor, District shall furnish Contractor any information and documents readily available to District that the Contractor determines may be of use to the Contractor in the performance of the Services. District shall rely upon Contractor to determine which information and documents may be of use to the Contractor in performance of the Services. District makes no representations with respect to the reliability, accuracy, or completeness of any information or documents furnished by the District. Contractor shall determine if it is appropriate to rely on the District furnished information or documents. Contractor shall determine if clarification, additional information, or additional data is needed, and if so, to seek it out.

12.2. **Furnished by Others.** Contractor is to obtain, utilizing its own personnel, any required information that has been developed by other public or private entities that are not under contract to District. Contractor shall determine if it is appropriate to rely on the information or data developed by these other public or private entities. Contractor shall determine if clarification, additional information, or additional data is needed.

13. **Originality of Services.** Except as to standard generic details, Contractor agrees that all technologies, formulae, procedures, processes, methods, writings, ideas, dialogue, compositions, recordings, teleplays and video productions prepared for, written for, or submitted to the District and/or used in connection with this Agreement, shall be wholly original to Contractor and shall not be copied in whole or in part from any other source, except that submitted to Contractor by District as a basis for such services.

14. **Copyright/Trademark/Patent.** Contractor understands and agrees that all matters produced under this Agreement shall become the property of District and cannot be used without District's express written permission. District shall have all right, title and interest in said matters, including the right to secure and maintain the copyright, trademark and/or patent of said matter in the name of the District. Contractor consents to use of Contractor's name in conjunction with the sale, use, performance and distribution of the matters, for any purpose and in any medium.

15. **Audit.** Contractor shall establish and maintain books, records, and systems of account, in accordance with generally accepted accounting principles, reflecting all business operations of Contractor transacted under this Agreement. Contractor shall retain these books, records, and systems of account during the Term of this

Agreement and for five (5) years thereafter. Contractor shall permit the District, its agent, other representatives, or an independent auditor to audit, examine, and make excerpts, copies, and transcripts from all books and records, and to make audit(s) of all billing statements, invoices, records, and other data related to the Services covered by this Agreement. Audit(s) may be performed at any time, provided that the District shall give reasonable prior notice to Contractor and shall conduct audit(s) during Contractor's normal business hours, unless Contractor otherwise consents. For a period of three (3) years after final payment under this Agreement, all expenditures of public funds in excess of ten thousand dollars (\$10,000) shall be subject to examination and audit by the State Auditor. The audit shall be confined to those matters connected with the performance of this Agreement, including, but not limited to, the costs of administering the Agreement.

16. Termination.

16.1. Without Cause by District. District may, at any time, with or without reason, terminate this Agreement and compensate Contractor only for the Services satisfactorily rendered to the date of termination. Written notice by District shall be sufficient to stop further performance of Services by Contractor. Notice shall be deemed given when received by the Contractor or no later than three (3) days after the day the notice was mailed, whichever is sooner.

16.2. Without Cause by Contractor. Contractor cannot terminate this Agreement without cause.

16.3. With Cause by District. District may terminate this Agreement upon giving of written notice of intention to terminate for cause. Cause shall include:

16.3.1. material violation of this Agreement by the Contractor; or

16.3.2. any act by Contractor exposing the District to liability to others for personal injury or property damage; or

16.3.3. Contractor is adjudged a bankrupt, Contractor makes a general assignment for the benefit of creditors or a receiver is appointed on account of Contractor's insolvency.

Written notice by District shall contain the reasons for such intention to terminate and unless within three (3) calendar days after that notice the condition or violation shall cease, or satisfactory arrangements for the correction thereof be made, this Agreement shall upon the expiration of the three (3) calendar days cease and terminate. In the event of this termination, the District may secure the Services from another Contractor. If the expense, fees, and/or costs to the District exceeds the cost of providing the Services pursuant to this Agreement, the Contractor shall immediately pay the excess expense, fees, and/or costs to the District upon the receipt of the District's notice of these expense, fees, and/or costs. The foregoing provisions are in addition to and not a limitation of any other rights or remedies available to District.

16.4. With Cause by Contractor. Contractor may only terminate this Agreement after giving written notice of intention to terminate for cause and the expiration of the time to cure. Cause shall only include:

16.4.1. Material violation of this Agreement by the District, or

16.4.2. Failure of the District to timely pay undisputed Contractor invoices.

Written notice by Contractor shall contain the reasons for such intention to terminate and unless within thirty (30) calendar days after that notice the condition or violation shall cease, or satisfactory arrangements for the correction thereof be made, this Agreement shall upon the expiration of the thirty (30) calendar days cease and terminate. During the thirty (30) calendar days the Inspector shall continue

providing Services to the District until the Agreement ceases and terminates. In the event of this termination, the District may secure the Services from another Contractor.

16.5. **Ownership of Records.** It is mutually agreed that all materials prepared by Contractor under this Agreement shall become the property of the District and Contractor shall have no property right therein whatsoever. Contractor hereby assigns to District any copyrights associated with the materials prepared pursuant to the Agreement. Immediately upon termination and upon written request, the District shall be entitled to, and Contractor shall deliver to the Contractor, all data, drawings, specifications, reports, estimates, summaries and such other materials and commissions as may have been prepared or accumulated to date by the District in performing the Agreement which is not Contractor privileged information, as defined by law, or Contractor's personnel information.

17. **Indemnification.** The Contractor shall indemnify, defend with legal counsel reasonably acceptable to the District, keep and hold harmless the District, and their respective board members, officers, representatives, and employees, in both individual and official capacities ("Indemnitees"), against all suits, claims, damages, losses, and expenses, caused by, arising out of, resulting from, or incidental to, the performance of the Work under this Contract by the Contractor or its subcontractors to the full extent allowed by the laws of the State of California, and not to any extent that would render these provisions void or unenforceable, including, without limitation, any such suit, claim, damage, loss, or expense attributable to, without limitation, bodily injury, sickness, disease, death, alleged patent violation or copyright infringement, or to injury to or destruction of tangible property, except to the extent caused by the negligence or willful misconduct of the Indemnitees. This agreement and obligation of the Contractor shall not be construed to negate, abridge, or otherwise reduce any right or obligation of indemnity that would otherwise exist as to any party or person described herein.

18. **Insurance.**

18.1. The Contractor shall procure and maintain at all times it performs any portion of the Services the following insurance with minimum limits equal to the amount indicated below.

18.1.1. **Commercial General Liability and Automobile Liability Insurance.** Commercial General Liability Insurance and Any Auto Automobile Liability Insurance that shall protect the Contractor, the District, and the State from all claims of bodily injury, property damage, personal injury, death, advertising injury, and medical payments arising performing any portion of the Services. (Form CG 0001 and CA 0001, or forms substantially similar, if approved by the District.)

18.1.2. **Workers' Compensation and Employers' Liability Insurance.** Workers' Compensation Insurance and Employers' Liability Insurance for all of its employees performing any portion of the Services. In accordance with provisions of section 3700 of the California Labor Code, the Contractor shall be required to secure workers' compensation coverage for its employees. If any class of employee or employees engaged in performing any portion of the Services under this Agreement are not protected under the Workers' Compensation Statute, adequate insurance coverage for the protection of any employee(s) not otherwise protected must be obtained before any of those employee(s) commence performing any portion of the Services.

18.1.3. **Professional Liability (Errors and Omissions).** This insurance shall cover the Contractor and his/her subcontractors(s) for two million dollars (\$2,000,000) aggregate limit subject to no more than twenty-five thousand dollars (\$25,000) per claim deductible, coverage to continue through completion of construction plus two years thereafter. The policy must contain terms or endorsements extending coverage that requires the insurer to defend and indemnify for acts which happen before the effective date of the policy provided the claim is first made during the policy period.

Type of Coverage	Minimum Requirement
Commercial General Liability Insurance , including Bodily Injury, Personal Injury, Property Damage, Advertising Injury, and Medical Payments	
Each Occurrence	\$ 1,000,000
General Aggregate	\$ 2,000,000
Automobile Liability Insurance - Any Auto	
Each Occurrence	\$ 1,000,000
Professional Liability	\$ 2,000,000
Workers Compensation	Statutory Limits
Employer's Liability	\$ 1,000,000

18.2. **Proof of Carriage of Insurance.** The Contractor shall not commence performing any portion of the Services until all required insurance has been obtained and certificates indicating the required coverage have been delivered in duplicate to the District and approved by the District. Certificates and insurance policies shall include the following:

18.2.1. A clause stating: "This policy shall not be canceled or reduced in required limits of liability or amounts of insurance until notice has been mailed to the District, stating date of cancellation or reduction. Date of cancellation or reduction shall not be less than thirty (30) days after date of mailing notice."

18.2.2. Language stating in particular those insured, extent of insurance, location and operation to which insurance applies, expiration date, to whom cancellation and reduction notice will be sent, and length of notice period.

18.2.3. An endorsement stating that the District and the State and their agents, representatives, employees, trustees, officers, consultants, and volunteers ("Additional Insureds") are named Additional Insureds under all policies except Workers' Compensation Insurance, Professional Liability, and Employers' Liability Insurance. The coverage shall contain no special limitations on the scope of protection afforded to the Additional Insureds. An endorsement shall also state that Contractor's insurance policies shall be primary to any insurance or self-insurance maintained by District.

18.2.4. All policies except the Professional Liability Policy shall be written on an occurrence form.

18.3. **Acceptability of Insurers.** Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A: VII, unless otherwise acceptable to the District.

19. **Assignment.** The obligations and liabilities of the Contractor pursuant to this Agreement shall not be assigned voluntarily by the Contractor nor assigned by operation of law, without express written consent of the District.

20. **Binding Contract.** This Agreement shall be binding upon the Parties hereto and upon their successors and assigns and shall inure to the benefit of the Parties and their successors and assigns.

21. **Compliance with Laws.** Contractor shall observe and comply with all rules and regulations of the governing board of the District and all federal, state, and local laws, ordinances and regulations. Contractor shall give all notices required by any law, ordinance, rule and regulation bearing on conduct of the Work as indicated or specified. If Contractor observes that any of the Work required by this Agreement is at variance with any such laws, ordinance, rules or regulations, Contractor shall notify the District, in writing, and, at the sole option of the District, any necessary changes to the scope of the Work shall be made and this Agreement shall be

appropriately amended in writing, or this Agreement shall be terminated effective upon Contractor's receipt of a written termination notice from the District. If Contractor performs any work that is in violation of any laws, ordinances, rules or regulations, without first notifying the District of the violation, Contractor shall bear all costs arising therefrom.

22. **Certificates/Permits/Licenses.** Contractor and all Contractor's employees or agents shall secure and maintain in force such certificates, permits and licenses as are required by law in connection with the furnishing of the Services. Except for any license or permits furnished by District, Contractor shall be fully responsible for identifying and obtaining all necessary licenses and permits for the timely prosecution of the Services.
23. **Anti-Discrimination.** It is the policy of the District that in connection with all work performed under contracts there be no discrimination against any employee engaged in the work because of race, color, ancestry, national origin, religious creed, physical disability, medical condition, marital status, sexual orientation, gender, or age and therefore the Contractor agrees to comply with applicable Federal and California laws including, but not limited to the California Fair Employment and Housing Act beginning with Government Code Section 12900 and District policy. Contractor and each subcontractor shall comply with Chapter 1 of Division 2, Part 7 of the Labor Code, beginning with § 1720, and including §§ 1735, 1777.5 and 1777.6, forbidding discrimination, and §§ 1776, 1777.5 and 1777.6 concerning the employment of apprentices by Contractor or subcontractors. Willful failure to comply may result in penalties, including loss of the right to bid on or receive public works contracts. In addition, the Contractor agrees to require like compliance by all its subcontractor(s).
24. **Fingerprinting of Employees.** The Fingerprinting/Criminal Background Investigation Certification must be completed and attached to this Agreement prior to Contractor's performing of any portion of the Services.
25. **Disabled Veteran Business Enterprises.** Section 17076.11 of the Education Code requires school districts using funds allocated pursuant to the State of California School Facility Program for the construction or modernization of a school building to have a participation goal of at least three percent (3%), per year, of the overall dollar amount expended each year by the school district, for disabled veteran business enterprises (DVBE). In accordance therewith, the Contractor must submit, upon request by District, appropriate documentation to the District identifying the steps the Contractor has taken to solicit DVBE participation in conjunction with this Agreement, if applicable.
26. **Interaction with the Media and Public.** Contractor shall promptly refer all inquiries from the news media or public to District and shall not make any statements to the media or the public relating to the Services. If Contractor receives a complaint from a citizen or the community, Contractor shall promptly inform the District about the complaint.
27. **Taxes.** Contractor shall be liable and solely responsible for paying all required taxes and other obligations, including but not limited to federal and state income taxes and social security taxes payable in connection with the Services and this Agreement. Contractor agrees to release, indemnify, defend, and hold District harmless from and against any worker's compensation or any tax liability which District may incur to any Federal or State governments with jurisdiction as a consequence of this Agreement. All payments made to Contractor may be reported to the Internal Revenue Service.
28. **No Rights in Third Parties.** This Agreement does not create any rights in, or inure to the benefit of, any third party except as expressly provided herein.
29. **District's Evaluation of Contractor and Contractor's Employees and/or Subcontractors.** The District may evaluate the Contractor in any way the District is entitled pursuant to applicable law. The District's evaluation may include, without limitation:

29.1. Requesting that District employee(s) evaluate the Contractor and the Contractor's employees and

subcontractors and each of their performance.

- 29.2. Announced and unannounced observance of Contractor, Contractor's employee(s), and/or subcontractor(s).
30. **Limitation of District Liability.** Other than as provided in this Agreement, District's financial obligations under this Agreement shall be limited to the payment of the compensation provided in this Agreement. Notwithstanding any other provision of this Agreement, in no event, shall District be liable, regardless of whether any claim is based on contract or tort, for any special, consequential, indirect or incidental damages, including, but not limited to, lost profits or revenue, arising out of or in connection with this Agreement for the services performed in connection with this Agreement.
31. **Disputes.** In the event of a dispute between the Parties as to performance of Work, Agreement interpretation, or payment, the Parties shall attempt to resolve the dispute by negotiation and/or mediation, if agreed to by the Parties. Pending resolution of the dispute, Contractor shall neither rescind the Agreement nor stop performing the Services.
32. **Confidentiality.** The Contractor and all Contractor's agents, personnel, employee(s), and/or subcontractors(s) shall maintain the confidentiality of all information received in the course of performing the Services. Contractor understands that student records are confidential and agrees to comply with all state and federal laws concerning the maintenance and disclosure of student records. This requirement to maintain confidentiality shall extend beyond the termination of this Agreement.
33. **Employment with Public Agency.** Contractor, if an employee of another public agency, agrees that Contractor will not receive salary or remuneration, other than vacation pay, as an employee of another public agency for the actual time in which Services are actually being performed pursuant to this Agreement.
34. **Notice.** Any notice required or permitted to be given under this Agreement shall be deemed to have been given, served, and received if given in writing and either personally delivered or sent by overnight delivery service, addressed as follows:

Alameda Unified School District
2060 Challenger Drive
Alameda, CA 94501
ATTN: Robbie Lyng

Lathrop Construction Associates, Inc.
4001 Park Rd
Benicia, CA 94510
ATTN: Anthony Reed

Any notice personally given shall be effective upon receipt. Any notice sent by overnight delivery service shall be effective the business day next following delivery thereof to the overnight delivery service.

35. **Integration/Entire Agreement of Parties.** This Agreement constitutes the entire agreement between the Parties and supersedes all prior discussions, negotiations, and agreements, whether oral or written. This Agreement may be amended or modified only by a written instrument executed by both Parties.
36. **California Law.** This Agreement is entered into in California and shall be governed by and the rights, duties and obligations of the Parties, and shall be determined and enforced in accordance with the laws of the State of California. The Parties further agree that any action or proceeding brought to enforce the terms and conditions of this Agreement shall be maintained in the county in which the District's administrative offices are located. Contractor waives any claim or right to remove an action on this Agreement to federal court.
37. **Waiver.** The waiver by either Party of any breach of any term, covenant, or condition herein contained shall not be deemed to be a waiver of such term, covenant, condition, or any subsequent breach of the same or any

other term, covenant, or condition herein contained.

38. **Severability.** If any term, condition or provision of this Agreement is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remaining provisions will nevertheless continue in full force and effect, and shall not be affected, impaired or invalidated in any way.
39. **Authority to Bind Parties.** Neither Party in the performance of any and all duties under this Agreement, except as otherwise provided in this Agreement, has any authority to bind the other to any agreements or undertakings.
40. **Attorney Fees/Costs.** Should litigation be necessary to enforce any terms or provisions of this Agreement, then each Party shall bear its own litigation and collection expenses, witness fees, court costs and attorney's fees.
41. **Captions and Interpretations.** Paragraph headings in this Agreement are used solely for convenience and shall be wholly disregarded in the construction of this Agreement. No provision of this Agreement shall be interpreted for or against a Party because that Party or its legal representative drafted such provision, and this Agreement shall be construed as if jointly prepared by the Parties.
42. **Calculation of Time.** For the purposes of this Agreement, "days" refers to calendar days unless otherwise specified.
43. **Signature Authority.** Each Party has the full power and authority to enter into and perform this Agreement, and the person signing this Agreement on behalf of each Party has been properly authority and empowered to enter into this Agreement.
44. **Counterparts.** This Agreement and all amendments and supplements to it may be executed in counterparts, and all counterparts together shall be construed as one document.
45. **Incorporation of Recitals and Attachments.** The Recitals and each attachment attached hereto are hereby incorporated herein by reference.
46. **Provisions Required by Law Deemed Inserted.** Each and every provision of law and clause required by law to be inserted in this Agreement shall be deemed to be inserted herein and this Agreement shall be read and enforced as though it were included herein.
47. **Incorporation of RFQ/RFP & Proposal and Interpretation of Documents.** If the Parties enter into this Agreement as a result of a Request for Qualifications and/or a Request for Proposal ("RFQ/RFP"), the RFQ/RFP is incorporated into this Agreement, except that if there is any conflict between the RFQ/RFP and any provision of this Agreement, the Agreement shall prevail.

IN WITNESS WHEREOF, the Parties have accepted and agreed to this Agreement, as of the Effective Date, and have directed and authorized their respective officers to execute this Agreement:

Alameda Unified School District

Date: _____

Signature: _____

Print Name: Robbie Lyng

Print Title: Senior Director of Construction

Date: _____

Signature: _____

Print Name: Shariq Khan

Print Title: Chief Business Officer

Date: _____

Signature: _____

Print Name: Jennifer Williams

Print Title: Board President

Lathrop Construction Associates, Inc.

Date: November 1, 2021

Signature:  _____

Print Name: Anthony D'Amante

Print Title: Executive Vice President

Attachment A to Agreement for Preliminary Services

Scope of Services

1. **Scope of Contractor's Preliminary Services.** Contractor, as the District's development consultant and authorized representative as contemplated by Business and Professions Code 7040, agrees to perform the services described herein. Contractor shall perform management and coordination services, plan and specification constructability reviews, provide value-engineering reviews and recommendations and other reviews as necessary to verify that the drawings and specifications are clear and reasonably accurate to minimize the need for changes during the construction phase of the project, including but not limited to the following ("Preliminary Services"):

1.1. General Services.

- 1.1.1. Contractor shall attend regular meetings during Project development between the Architect, the District, District site personnel, and any other applicable consultants of the District as required to discuss the Project, including budget, scope and schedule.
- 1.1.2. Contractor shall assist Architect with the making of a written record of all meetings, conferences, discussions and decisions made between or among the District, Architect and Contractor.
- 1.1.3. Contractor shall assist the Architect with making formal presentations to the governing board of District.
- 1.1.4. Contractor shall prepare and update the preliminary Project schedule.
- 1.1.5. Contractor shall prepare and update the components of the Guaranteed Project Cost and shall be primarily in control of ensuring that the Project can and is constructed for no more than that amount.
- 1.1.6. Contractor shall assist District with City land use issues;
- 1.1.7. Contractor shall assist District with DSA review, input, and timeframe for same;
- 1.1.8. Contractor shall provide review and comment upon geotechnical / soils investigation and report;
- 1.1.9. Contractor shall provide review and comment upon survey of the Project site;
- 1.1.10. Contractor shall provide review and comment upon any environmental impact report ("EIR") or other required California Environmental Quality Act ("CEQA") documents with District's CEQA consultant.

1.2. Review of Design Documents.

- 1.2.1. Contractor shall review Project design and budget with the District and the Architect **four (4)** times: during the Schematic Design Phase, the Design Development Phase, at 50% Construction Documents Phase, and at 100% Construction Documents Phase to:
 - 1.2.1.1. Contractor shall provide recommendations on site use and improvements, selection of materials, building systems and equipment and methods of Project delivery;

1.2.1.2. Contractor shall provide recommendations on relative feasibility of construction methods, availability of materials and labor, time requirements for procurement, installation and construction of the Project and subparts thereof if requested, and factors relating to cost including, but not limited to, construction costs of alternate designs of materials, preliminary budgets and possible economics that could be achieved through alternate methods or substitutions;

1.2.1.3. Contractor shall provide interim design phase estimates to establish and maintain the Project budget and scheduled costs; and

1.2.1.4. Contractor shall provide plan review.

1.2.1.5. **Value-engineering.** Contractor shall prepare a value-engineering report for District review and approval that:

1.2.1.5.1. Details areas of cost saving (e.g. construction processes/procedures, specified materials and equipment, and equipment or other aspects of the design documents that can be modified to reduce costs and/or the time for achieving final completion of the Project and/or to extend life-cycle and/or to reduce maintenance/operations costs, without diminution in the quality of materials/equipment/workmanship, scope or intended purposes of the Project);

1.2.1.5.2. Provides detailed estimate for proposed value-engineering items;

1.2.1.5.3. Defines methodology or approaches that maximize value; and

1.2.1.5.4. Identifies design choices that can be more economically delivered.

1.2.1.6. **Constructability Review.** Contractor shall prepare detailed interdisciplinary constructability review within thirty (30) days of receipt of the plans from the District that:

1.2.1.6.1. Ensures construction documents are well coordinated and reviewed for errors;

1.2.1.6.2. Identifies to the extent known, construction deficiencies and areas of concern;

1.2.1.6.3. Back-checks design drawings for inclusion of modifications;

1.2.1.6.4. Provides the District with written confirmation that:

1.2.1.6.4.1. Requirements noted in the design documents prepared for the Project are consistent with and conform to the District's Project requirements and design standards; and

1.2.1.6.4.2. Various components have been coordinated and are consistent with each other so as to minimize conflicts within or between components of the design documents.

1.2.2. **Confirm Modifications to Design Drawings.** If the District accepts Contractor's comments, including the value-engineering and/or constructability review comments, Contractor shall review the design documents to confirm that those comments are properly incorporated into the final design documents.

1.3. Budget of Project Costs.

1.3.1. At each stage of plan review indicated above, Contractor shall update and refine the budget of the Guaranteed Project Cost based on the most recent set of design documents.

Contractor shall also advise the District and the Architect if it appears that the total construction costs may exceed the Guaranteed Project Cost established by the District and shall make recommendations for corrective action. Contractor will further provide input to the District and Architect relative to value of construction, means and methods for construction, duration of construction of various building methods and constructability.

- 1.3.2. In each budget of the Guaranteed Project Cost, Contractor shall include values of scopes of work subdivided into component parts in sufficient detail to serve as the basis for progress payments during construction. This budget of the Guaranteed Project Cost shall include, at a minimum, the following information divided into at least the following categories:

- 1.3.2.1. Overhead and profit;
- 1.3.2.2. Supervision;
- 1.3.2.3. General conditions;
- 1.3.2.4. Layout & Mobilization (not more than 1%)
- 1.3.2.5. Submittals, samples, shop drawings (not more than 3%);
- 1.3.2.6. Bonds and insurance (not more than 2%);
- 1.3.2.7. Close-out documentation (not less than 3%);
- 1.3.2.8. Demolition;
- 1.3.2.9. Installation;
- 1.3.2.10. Rough-in;
- 1.3.2.11. Finishes;
- 1.3.2.12. Testing;
- 1.3.2.13. Punchlist and acceptance.

Contractor shall indicate its willingness and ability to enter into the Contract Document to construct the Project for at or below that Guaranteed Project Cost, excluding unforeseen conditions or District-requested changes. This commitment will be a component of the Contract Documents.

1.4. Construction Schedule and Phasing Plan.

Contractor shall prepare a preconstruction schedule to guide the design team through to bid dates. That schedule shall show the multiphases and interrelations of design, constructability review, and estimating. Contractor shall also prepare a full construction schedule for the Project detailing the phasing and construction activities. Contractor shall further investigate, recommend and prepare a schedule for the District's purchase of materials and equipment requiring long lead time procurement, and coordinate the schedule with the early preparation of portions of the Contract Documents by the Architect.

1.5. Construction Planning and Bidding.

- 1.5.1. Contractor shall prepare and distribute specifications and drawings provided by District to facilitate bidding to Contractor's subcontractors.
- 1.5.2. Contractor shall review the drawings and specifications to eliminate areas of conflict and overlapping in the work to be performed by various subcontractors, and with a view to eliminating change order requests by the Architect or subcontractors.
- 1.5.3. Contractor shall conduct pre-bid conferences. Contractor shall coordinate with District and the Architect in responding to subcontractor questions or providing clarification to all subcontractors.

1.5.4. Contractor shall prepare appropriate subcontractor bid packages.

1.6. Bidding for Subcontractor Work. CONTRACTOR SHALL SOLICIT AND PROCURE SUBCONTRACTORS PURSUANT TO THE SUBCONTRACTOR PROCUREMENT PROCESS ATTACHED TO THE FACILITIES LEASE AS EXHIBIT H.

2. **Limited Authority.** The duties, responsibilities and limitations of authority of Contractor shall not be restricted, modified or extended without written agreement between the District and Contractor.
3. **District's Responsibilities.** The District has and shall continue to provide to Contractor information regarding requirements for the Project, including information regarding the District's objectives, schedule, constraints and criteria.

**EXHIBIT M
TO FACILITIES LEASE
PROJECT LABOR AGREEMENT**

ALAMEDA UNIFIED SCHOOL DISTRICT PROJECT LABOR AGREEMENT

PREAMBLE

The purpose of this Agreement is to promote efficiency of construction operations during the Alameda Unified School District Measure I New Construction and Modernization Projects ("Projects") as defined herein, and to provide for peaceful settlement of labor disputes and grievances without strikes or lockouts, thereby promoting the public interest in assuring the timely and economical completion of the Projects, while also helping to increase training and employment opportunities for the District's students in the construction trades through apprenticeship and pre-apprentice programs as the students graduate from the District's schools.

The relevant skilled work force requirements described in Education Code section 17407.5 as that statute relates to the commitment that a skilled and trained workforce will be used to perform the Project(s), is deemed to have been established by any Contractor becoming a signatory to this Agreement.

RECITALS

WHEREAS, the timely and successful completion of the Projects is of the utmost importance to the Alameda Unified School District ("District") to meet the educational needs of the District's students and to avoid increased costs resulting from delays in construction; and

WHEREAS, large numbers of workers of various skills will be required in the performance of the construction work, including those to be represented by the unions affiliated with the Building and Construction Trades Council of Alameda County ("Unions") and any other labor organization which is signatory to this Agreement employed by contractors and subcontractors who are signatory to this Agreement; and

WHEREAS, it is recognized that on projects of this magnitude with multiple contractors and bargaining units on the job site at the same time over an extended period of time, the potential for work disruption is substantial without an overriding commitment to maintain continuity of work; and

WHEREAS, the interests of the general public, the District, the Unions and Contractor/Employer(s) would be best served if the construction work proceeded in an orderly manner without disruption because of strikes, sympathy strikes, work stoppages, picketing, lockouts, slowdowns or other interferences with work; and

WHEREAS, the Contractor/Employers and the Unions desire to mutually establish and stabilize wages, hours and working conditions for the workers employed on the Projects by the Contractor/Employer(s), and further, to encourage close cooperation among the Contractor/Employer(s) and the Union(s) to the end that a satisfactory, continuous and harmonious relationship will exist among the parties to this Agreement; and

WHEREAS, the Agreement is not intended to replace, interfere, abrogate, diminish or modify existing local or national collective bargaining Agreements in effect during the duration of the Projects, insofar as a legally binding Agreement exists between the Contractor/Employer(s) and the affected Union(s) except to the extent that the provisions of this Agreement are inconsistent with said collective bargaining Agreements, in which event, the provisions of this Agreement shall prevail; and

WHEREAS, the contracts for construction work on the Projects will be awarded in accordance with the applicable provisions of the Public Contract Code, Education Code and other applicable California law; and

WHEREAS, the funding for the construction of the Projects will come from Measure I, passed by the Alameda residents, and paid for by the Measure I special tax on the properties owned by Alameda residents, in contrast to typical California school projects, which are funded through a balance of local and State funds; and

WHEREAS, the District has the absolute right to select the lowest responsive and responsible bidder for the award of the construction contracts on the Projects, or to reject all bid proposals, or to use other legal project delivery methodologies; and

WHEREAS, the District places high priority upon the development of comprehensive programs for the recruitment, training and employment of local area residents and has identified the need to prepare its students for lifelong careers and continuing education, recognizing the ability of local apprenticeship programs to provide meaningful and sustainable careers in the building and construction industry; and

WHEREAS, the parties signatory to this Agreement pledge their full good faith and trust to work towards a mutually satisfactory completion of the Projects;

NOW, THEREFORE, it is agreed between and among the parties hereto, as follows:

ARTICLE 1. DEFINITIONS

1.1 "Agreement" means this Project Labor Agreement.

1.2 "District" means the Alameda Unified School District, its employees, agents, and administrative staff under its Superintendent.

1.3 "Completion" of work on a project means that point at which the District has determined that the work to construct the project is in all respects 100% complete and that all contract drawings, warranties, certificates, manuals and data have been submitted and training completed in accordance with the contract documents. Division of State Architect approval is not required for a determining that a project is complete.

1.4 "Contractor/Employer(s)" means any individual, firm, partnership or corporation, or combination thereof, including joint ventures, which is an independent business enterprise, and their successors and assigns, that enters into a contract with the District not excluded in this

Agreement with respect to the construction of any part of the Projects under contract terms and conditions approved by the District and which incorporate the Agreement, and any of its contractors or subcontractors of any tier.

1.5 "Construction Contracts" means the public works contracts including design-bid, design-build, lease-leaseback or other contracts not excluded in this Agreement which will be signed by the District and which are necessary to complete the Projects.

1.6 "Projects" is defined to include all phases of the construction of new facilities and demolition, upgrading and repair to all existing facilities covered in construction contracts executed by the District and that are covered by this Agreement in Section 2.2.

1.7 "Union" or "Unions" means the Building and Construction Trades Council of Alameda County, AFL-CIO ("Council") and any affiliated labor organization signatory to this Agreement, acting in their own behalf and on behalf of their respective affiliates and member organizations whose names are subscribed hereto and who have through their officers executed this Agreement ("Signatory Unions").

1.8 "Project Manager" means the person(s) or business entity(ies) designated by the District to oversee all phases of construction on the Projects and to oversee the implementation of this Agreement and who works under the guidance of the District's Authorized Representative.

1.9 "Facilities Officer" means the Facilities Officer for the Alameda Unified School District.

1.10 "Master Agreement" or "Schedule A" means the Master Collective Bargaining Agreement of each craft Union signatory hereto.

1.11 "Alameda Resident" for purposes of this Agreement means any individual who at any time during the Projects' construction can certify through a utility bill, or other similar means acceptable to the parties to this Agreement, that the individual resided within either the boundaries of the Alameda Unified School District or the Alameda City Limits both on the date of such certification and the effective date of this Agreement.

1.12 "District Graduate" is a person who has graduated from the Alameda Unified School District.

1.13 "First Period Apprentice" is a first period apprentice who is enrolled in a State of California approved apprenticeship program that is a joint labor-management apprentice program.

1.14 "General Contractor" means the entity with overall project schedule responsibility, such as a General Contractor, Construction Manager, Lease-Leaseback Developer, Prime Contractor, Design Build entity, etc.

1.15 "Allocated" regarding project funding means the point in time in which a project is defined enough to where a preliminary budget is created and established in the Measure I program budget tracking system managed by the Program Manager.

ARTICLE 2.
SCOPE OF AGREEMENT

2.1 Parties: The Agreement shall apply and is limited to all Contractors/Employer(s) performing construction contracts on the Projects, the District and the Building and Construction Trades Council of Alameda County, AFL-CIO ("Council") and any affiliated labor organization signatory to this Agreement, acting in their own behalf and on behalf of their respective affiliates and member organizations whose names are subscribed hereto and who have through their officers executed this Agreement ("Signatory Unions"). It is agreed that liability under this Agreement is several and not joint.

2.2 Project Description:

2.2.1 The District will apply the Agreement as a contract specification to the award of construction contracts identified by the District as Measure I Projects, funded in whole or in part by Measure I General Obligation bonds, and which were let for bid after the date of this Agreement. Construction projects include those that provide for the construction of new facilities, the demolition of facilities or the renovation of current facilities.

2.2.2 Excluded Work. However, the Parties acknowledge that the District may exclude, at its discretion, up to five percent (5%) of Measure I Project proceeds for smaller or deferred maintenance construction projects. It is also understood that no single craft's work shall be disproportionality affected by this exclusion. The Unions agree that they will not undertake any strike or work stoppage against a contractor performing work at a District site under this provision. Either Party to the Agreement can call to meet and confer regarding the implementation of this section 2.2.2.

2.3 Project Labor Disputes. All project labor disputes involving the application or interpretation of a Master Agreement to which a signatory Contractor/Employer(s) and a signatory Union are parties shall be resolved pursuant to the resolution procedures of the Master Agreement. All disputes relating to the interpretation or application of the Project Labor Agreement shall be subject to resolution by the grievance arbitration procedure set forth in Article 13.

2.4 Covered Work:

2.4.1 This Agreement covers, without limitation, all on-site construction, demolition, alteration, installation, improvement, painting or repair of buildings, structures, landscaping, temporary fencing and other works and related activities for the Projects that is within the craft jurisdiction of one of the Unions and that is part of the Projects, including, without limitation to the following examples, geotechnical and exploratory drilling, temporary HVAC, pipelines, (including those in linear corridors built to serve the project), pumps, pump stations and modular furniture installation, site preparation, survey work, demolition of existing structures and all construction, demolition or improvements required to be performed as a condition of approval by any public agency. This scope of work includes all soils and materials testing and inspection where such testing and inspection is a classification in which a prevailing wage determination has been published.

2.4.2 This Agreement shall apply to any start-up, calibration, commissioning, performance testing, repair, maintenance, operational revisions to systems and/or subsystems performed on Covered Work after Project Completion unless the covered work is performed by District Employees.

2.4.3 The Projects include work necessary for the Projects and/or in temporary yards or areas adjacent to or dedicated to the Projects, and at any batch plant(s) constructed or used solely to supply materials to the Projects, This Agreement covers all on-site fabrication work over which the District, Contractor(s) or subcontractor(s) possess the right of control (including work done for the Projects in any temporary yard or area established for the Projects.) Additionally, this Agreement covers any off-site work, including fabrication necessary for the Project defined herein, that is covered by a current Schedule "A" Agreement or local addenda to a National Agreement of the applicable Union(s) that is in effect as of the execution date of this Agreement.

2.4.4 The furnishing of supplies, equipment or materials which are stockpiled for later use shall in no case be considered subcontracting. Construction trucking work, such as the delivery of ready-mix, asphalt, aggregate, sand or other fill material which are directly incorporated into the construction process as well as the off-hauling of debris and excess fill, material and/or mud, shall be covered by the terms and conditions of this Agreement, to the fullest extent provided by law and by prevailing wage determinations of the California Department of Industrial Relations ("DIR"). Employers, including brokers, of persons providing construction trucking work shall be required to provide certified payroll records, as required to the District within ten (10) days of written request or as required by the DIR and California law.

2.4.5 The on-site installation or application of all items shall be performed by the craft having jurisdiction over such work; provided, however, it is recognized that installation of specialty items which may be furnished by the District or a Contractor shall be performed by construction persons employed under this Agreement who may be directed by other personnel in a supervisory role; provided, however, in limited circumstances requiring special knowledge of the particular item(s), may be performed by construction persons of the vendor or other companies where necessary to protect a manufacturer's warranty. All work of a specialty nature to be performed by the employees of a vendor or equipment manufacturer necessary to protect the warranty on such equipment shall be identified and discussed at the Pre-job meeting as provided in Article 5 of this Agreement. The issue of whether it is necessary to use construction persons of the vendor or other companies to protect the manufacturer's warranty shall be subject to the grievance and arbitration clause of this Agreement.

2.4.6 It is agreed that the District shall require all Contractors of whatever tier who have been awarded contracts for work covered by this Agreement, to accept and be bound by the terms and conditions of this Project Agreement by executing the **Letter of Assent (Attachment A)** prior to commencing work. The District shall assure compliance with this Agreement by the Contractors. It is further agreed that, where there is a conflict, the terms and conditions of this Project Agreement shall supersede and override terms and conditions of any and all other national, area, or local collective bargaining agreements, except that work covered by this Agreement within the following craft jurisdictions shall be performed under the terms of their National Agreements as follows: the NTL Articles of Agreement, the National Stack/Chimney

Agreement, the National Cooling Tower Agreement, and the National Agreement of Elevator Constructors, and any instrument calibration work and loop checking shall be performed under the terms of the UA/IBEW Joint National Agreement for Instrument and Control Technicians, with the exception that Articles IV, XIII and XIV of this Agreement shall apply to such work. It is understood that this, together with the MLAs, is a self-contained, stand alone, Agreement and that by virtue of having become bound to this Project Agreement, neither the District

2.5 **Exclusions.** The following shall be excluded from the scope of this Agreement.

2.5.1 Work performed by public utilities is not intended to be covered by this Agreement even if such work is funded all or in part by local bond funds.

2.5.2 The Excluded Work identified in section 2.2.2 of this Agreement.

2.5.3 Work, independent of job-site construction work contracts, performed by the District related to the purchase or lease of specialized equipment and work performed by District personnel.

2.5.4 Information Technology and Data Processing Equipment, Materials and Supplies purchased by the District using Measure I Project proceeds.

2.5.5 All employees of the design team or other consultants to the District not performing craft or manual labor within the scope of this Agreement.

2.5.6 Off-site maintenance of leased equipment and onsite supervision of such work.

2.5.7 The Agreement shall not apply to a Contractor/Employer's non-craft executives, managerial employees, engineering employees and supervisors (except those covered by existing building and construction trades collective bargaining Agreements), and office and clerical employees. This Agreement shall not apply to Professional Services so long as the work performed is not subject to Prevailing Wage classifications.

2.5.8 The District shall not be required to comply with this Agreement for any work performed with its own forces as permitted by the Public Contract Code and Education Code.

ARTICLE 3. EFFECT OF AGREEMENT

3.1 By executing the Agreement, the Unions and the District agree to be bound by each and all of the provisions of the Agreement.

3.2 By accepting the award under a Construction Contract for the Projects, whether as contractor or subcontractor, the Contractor/Employer agrees to be bound by each and every provision of the Agreement and agrees that it will evidence its acceptance prior to the commencement of work by executing the Letter of Assent in the form attached hereto as Addendum A.

3.3 At the time that any Contractor/Employer enters into a subcontract with any subcontractor providing for the performance of the Construction Contract, the Contractor/Employer(s) shall provide a copy of this Agreement, as it may from time to time be modified, to said subcontractor and shall require the subcontractor as a part of accepting an award of a construction subcontract to agree in writing to be bound by each and every provision of this Agreement prior to the commencement of work. This Agreement shall only be binding on the signatory parties hereto and shall not apply to the parents, affiliates, subsidiaries, or other ventures of any such party.

ARTICLE 4.

WORK STOPPAGES, STRIKES, SYMPATHY STRIKES AND LOCKOUTS

4.1 The Unions, District and Contractor/Employers covered by the Agreement agree that for the duration of the Projects:

4.1.1 There shall be no strikes, sympathy strikes, work stoppages, picketing, hand billing or otherwise advising the public that a labor dispute exists, or slowdowns of any kind, for any reason, by the Unions or employees employed on the Projects, at the job site of the Projects or at any other facility or construction project of District because of a dispute on the Projects. Disputes arising between the Unions and Contractor/Employers on other District projects are not governed by the terms of the Agreement or this Article.

4.1.2 As to employees employed on the Projects, there shall be no lockout of any kind by a Contractor/Employer covered by the Agreement.

4.1.3 If a Master Agreement expires before the Contractor/Employer completes the performance of the Construction Contract the Union agrees that it will not strike the Contractor/Employer on said contract for work covered under this Agreement and the Union and the Contractor/Employer agree that the expired Master Agreement shall continue in full force and effect for work covered under this Agreement until a new or modified Master Agreement is reached. If the new or modified Master Agreement provides that any terms of the Master Agreement shall be retroactive, the Contractor/Employer agrees to comply with any retroactive terms of the new or modified master collective bargaining Agreement which are applicable to employees who were employed on the projects during the interim with retroactive payment due within seven (7) days of the effective date of the modified Master Agreement.

4.1.4 In the case of nonpayment of wages and trust fund contributions on the Projects, the Union shall give the District and the Contractor/Employer(s) three (3) business day notice of the intent when nonpayment of trust funds has occurred and **three (3)** business days' notice when nonpayment of wages has occurred or when paychecks being tendered to a financial institution normally recognized to honor such paychecks will not honor such paycheck as a result of insufficient funds, of the intent to withhold labor from the Contractor/Employer(s)' or their subcontractor's workforce, during which time the Contractor/Employer shall have the opportunity to correct the default. In this instance, a Union's withholding of labor (but not picketing) from an Contractor/Employer who has failed to pay his/its fringe benefit contributions or failed to meet his/its weekly payroll shall not be considered a violation of this Article. If the District contends that any Union has violated this Article, it will notify in writing (including email)

the Secretary-Treasurer/Business Manager/Senior Executive of the Council and the Senior Executive of the Union, setting forth the facts alleged to violate the Article, prior to instituting the expedited arbitration procedure set forth below. The Council will immediately use his/her best efforts to cause the cessation of any violation of this Article within 24 hours and the leadership of the Union will immediately inform the membership of their obligations under this Article. If, after the expiration of the 24-hour period, the District continues to contend that a Union has violated this article, the District institute the expedited arbitration procedure set forth below. The leadership of the Union will immediately inform the membership of their obligations under this Article.

4.2 Expedited Arbitration: Any party to this Agreement shall institute the following procedure, prior to invoking any other action at law or equity, when a breach of this Article is alleged to have occurred:

4.2.1 A party invoking this procedure shall notify Robert Hirsch, as the permanent arbitrator, or Barry Winograd, as the alternate arbitrator under this procedure. In the event that the permanent arbitrator is unavailable at any time, the alternate will be contacted. If neither is available, then a selection shall be made from the list of arbitrators in Article XIII.. Notice to the arbitrator shall be by the most expeditious means available, with notices by facsimile, email or telephone to the District and the party alleged to be in violation, and to the Council of Alameda County and the involved local Union if a Union is alleged to be in violation.

4.2.2 Upon receipt of said notice, the District shall contact the designated arbitrator, named above or the alternate who will attempt to convene a hearing within twenty-four (24) hours if it is contended the violation still exists. The Arbitrator shall notify the parties by facsimile, email or telephone of the place and time for the hearing. Said hearing shall be completed in one session, which, with appropriate recesses at the arbitrator's discretion, shall not exceed twenty-four (24) hours unless otherwise agreed upon by all parties. A failure of any party to attend said hearings shall not delay the hearing of evidence or the issuance of any award by the arbitrator.

4.2.3 The sole issue at the hearing shall be whether or not a violation of Article 4, Section 4.1 of the Agreement has occurred. The arbitrator shall have no authority to consider any matter of justification, explanation or mitigation of such violation or to award damages, which issue is reserved for court proceedings, if any. The award shall be issued in writing within three (3) hours after the close of the hearing, and may be issued without a written opinion. If any party desires a written opinion, one shall be issued within fifteen (15) days, but its issuance shall not delay compliance with or enforcement of the award. The arbitrator may order cessation of the violation of this Article and other appropriate relief and such award shall be served on all parties by hand or registered mail upon issuance. Should a party found in violation of this Article fail to comply with an Arbitrator's award to cease the violation, the party in violation shall pay to the affected party as liquidated damages the sum of ten thousand dollars (\$10,000.00) per shift for which it failed to comply, or portion thereof, until such violation is ceased. The Arbitrator shall retain jurisdiction to resolve any disputes regarding the liquidated damages claimed under this section.

4.2.4 Such award may be enforced by any Court of competent jurisdiction upon the filing of this Agreement and all other relevant documents referred to above in the following manner. Written notice of the filing of such enforcement proceedings shall be given to the other party. In the proceeding to obtain a temporary order enforcing the arbitrator's award as issued under Section 4.2(4) of this Article, all parties waive the right to a hearing and agree that such proceedings may be ex parte. Such Agreement does not waive any party's right to participate in a hearing for a final order of enforcement. The Court's order or orders enforcing the arbitrator's award shall be served on all parties by hand or delivered by certified mail.

4.2.5 Any rights created by statute or law governing arbitration proceedings inconsistent with the above procedure or which interfere with compliance are waived by the parties.

4.2.6 The fees and expenses of the arbitrator shall be divided equally between the parties.

4.2.7 If, after final order by any Court of competent jurisdiction, the offending party continues to breach the terms of Article 4 of this Agreement, the non-offending party shall have the option to recover monetary damages associated with the breaching party's failure to comply with the Agreement and court order, including but not limited to delay damages and escalation costs.

ARTICLE 5. PRE-CONSTRUCTION CONFERENCE

5.1 Timing: The Project Manager shall convene and conduct a pre-job conference with representatives of all involved Contractors/Employers, who shall be prepared to announce craft assignments and to discuss in detail the scope of work and other issues as set forth below, and the Unions, at a location mutually agreeable to the applicable Council at least 21 calendar days prior to:

5.1.1 The commencement of any Project Work, and

5.1.2 The commencement of Project Work on each subsequently awarded construction contract.

5.2 The conference shall be attended by a representative of each participating Contractor and each affected Union and the Council and District may attend at their discretion.

5.2 The pre-job conference shall include but not be limited to the following subjects:

5.2.1 A listing of each Contractor's scope of work;

5.2.2 The craft assignments;

5.2.3 The estimated number of craft workers required to perform the work;

5.2.4 Transportation arrangements;

5.2.5 The estimated start and completion dates of the work; and

5.2.6 Discussion of pre-fabricated materials.

5.3 Review Meetings: In order to ensure the terms of the PLA are being fulfilled and all concerns pertaining to the Agency, the Unions, and the Contractors are addressed, the Project Manager, General Contractor and Secretary Treasurer of the Council or designated representatives thereof shall meet on a periodic basis during the term of construction.

ARTICLE 6. NO DISCRIMINATION

The Contractor/Employer(s) and Union(s) agree not to engage in any form of discrimination on the ground or because of race, color, creed, national origin, ancestry, age, sex, sexual orientation, disability or Acquired Immune Deficiency Syndrome or AIDS Related Condition (AIDS/ARC), or any other basis made illegal by law against any employee, or applicant for employment, on the Projects.

ARTICLE 7. UNION SECURITY

7.1 The Contractor/Employer(s) recognize the Union(s) as the sole bargaining representative of all craft employees working within the scope of this Agreement.

7.2 All employees who are employed by the Contractor/Employer(s) on the Projects shall, as a condition of employment, on or before the eighth (8th) day of consecutive or cumulative employment on a Construction Contract subject to this Agreement, be responsible for the payment of the applicable monthly working dues and any associated fees uniformly required for union membership in the local union which is signatory to this Agreement. Further, there is nothing in this Agreement that would prevent non-union employees from joining the local union.

7.3 Authorized representatives of the Union(s) shall have access to the Projects whenever work covered by this Agreement is being, has been or will be performed on the Projects.

ARTICLE 8. REFERRAL

8.1 The Union(s) shall be the primary source of all craft labor employed on the Projects. However, in the event that a Contractor/Employer has his/her own Core workforce, the Contractor/Employer(s) may request by name, and the local shall honor, referral of persons who demonstrate the following qualifications:

8.1.1 possess any license required by state or federal law for the Project work to be performed;

8.1.2 have worked a total of at least one thousand five hundred (1,500) hours in the construction craft during the prior three (3) years;

8.1.3 were on the Contractor/Employer(s)' active payroll for at least sixty (60) out of the one hundred (100) calendar days prior to the contract award;

8.1.4 have the ability to perform safely the basic functions of the applicable trade.

8.2 The Union will refer to such Contractor/Employer(s) one journeyman employee from the hiring hall out-of-work list for the affected trade or craft, and will then refer one of such Contractor/Employer(s)' "core" employees as a journeyman and shall repeat the process, one and one, until such Contractor/Employer(s) crew requirements are met or until such Contractor has hired five (5) "core" employees, whichever occurs first. Thereafter, all additional employees in the affected trade or craft shall be hired exclusively from the hiring hall out-of-work list(s). For the duration of the Contractor/Employer(s)' work the ratio shall be maintained and when the Contractor/Employer(s)' workforce is reduced, employees shall be reduced in reverse order beginning with the core worker and in the same ratio of core employees to hiring hall referrals as was applied in the initial hiring. Contractor/Employer(s) signatory to a Local, Regional, and/or National collective bargaining Agreements with Union(s) signatory hereto shall be bound to use the hiring hall provisions contained in the Master Agreement of the affected Union(s), and nothing in the referral provisions of this Agreement shall be construed to supersede the local hiring hall provisions of the Master Agreement(s).

8.3 Contractor/Employer(s) shall be bound by and utilize the registration facilities and referral systems established or authorized by the signatory Unions. In the event that referral facilities maintained by the Union(s) are unable to fill the requisition of a Contractor/Employer(s) for employees within a forty-eight (48) hour period, weekends and holidays excluded, after such requisition is made by the Contractor/Employer(s), the Contractor/Employer(s) shall be free to obtain work persons from any source. The Contractor/Employer(s) shall immediately notify the appropriate Union of the identity, including name, address, telephone number and social security number, of any such person(s) hired from an alternative source and refer the employee to the hall to comply with Article XII.

8.4 Unions will exert their utmost efforts to recruit sufficient numbers of skilled craft persons to fulfill the requirements of the Contractor/Employer(s),

8.5 Subject to the limitation of applicable law, the parties to this Agreement support the development of increased numbers of skilled construction workers from the residents of the City of Alameda, to meet the needs of the Projects and the requirements of the industry generally. Toward that end, the Unions agree to encourage the referral and utilization, to the extent permitted by law and the hiring hall procedures of the Unions, of qualified Alameda Residents, as journeymen and apprentices on the Projects and entrance into such apprenticeship and training programs as may be operated by the signatory Unions consistent with the applicable Apprenticeship Program's State-approved Standards.

**ARTICLE 9.
WAGE AND BENEFITS**

9.1 All Contractor/Employer(s) agree to pay contributions to the vacation, pension or other form of deferred compensation plan, apprenticeship, worker protection and assistance, and health benefit funds established by the applicable Master Agreement for each hour worked on the Projects in the amounts designated in the Master Agreements of the appropriate local Union.

9.2 By signing this Agreement, the Contractor/Employer(s) adopt and agree to be bound by the written terms of the legally established trust Agreements, as described in 9.1, and which may from time to time be amended, specifying the detailed basis on which payments are to be made into, and benefits paid out of, such trust funds. The Contractors authorize the parties to such local trust agreements to appoint trustees and successor trustees to administer the trust funds and hereby ratify and accept the trustees so appointed as if made by the Contractor(s). The Contractor(s) agrees to execute a Subscription Agreement(s) for Trust Funds when such Trust Fund(s) requires such document(s).

9.3 Wages, Hours, Terms and Conditions of Employment: The wages, hours and other terms and conditions of employment on the Projects shall be governed by the Master Agreement of the respective crafts, copies of which shall be on file with the District upon request, to the extent such Master Agreement is not inconsistent with this Agreement. Where a subject is covered by the Master Agreement and not covered in this Agreement, the Master Collective Bargaining Agreement will prevail. When a subject is covered by both the Master Collective Bargaining Agreement and this Agreement, to the extent there is any inconsistency, this Agreement will prevail.

**ARTICLE 10.
EMPLOYEE GRIEVANCE PROCEDURE**

All disputes involving discipline and/or discharge of employees working on the projects shall be resolved through the grievance and arbitration provision contained in the Master Agreement for the craft of the affected employee. No employee working on the Projects shall be disciplined or dismissed without just cause.

**ARTICLE 11.
COMPLIANCE**

It shall be the responsibility of the Contractor/Employer(s) and Unions to investigate and monitor compliance with the provisions of the Agreement contained in Article 9. Nothing in this Agreement shall be construed to interfere with or supersede the usual and customary legal remedies available to the Unions and/or employee benefit trust funds to collect delinquent trust fund contributions from Employers on the Projects. The District shall monitor and enforce compliance with the prevailing wage requirements of the State and Contractor/Employer(s)' compliance with this Project Labor Agreement.

ARTICLE 12.
JOINT ADMINISTRATIVE COMMITTEE

12.1 The parties to this Agreement shall establish a four (4) person Joint Administrative Committee. This Committee shall be comprised of two (2) representative selected by the District and two (2) representatives selected by the Unions. Each representative shall designate an alternate who shall serve in his or her absence for any purpose contemplated by this Agreement.

12.2 The Joint Administrative Committee shall meet as requested by the Parties to review the implementation of the Agreement and the progress of the Projects. Any question regarding the meaning, interpretation, or application of the provisions of this Agreement shall be referred directly to the Joint Administrative Committee for review and recommendation.

ARTICLE 13.
GRIEVANCE ARBITRATION PROCEDURE

13.1 All Project labor disputes involving the application or interpretation of the Master Agreement to which a signatory Contractor/Employer and a signatory Union are parties shall be resolved pursuant to the resolution procedures of the Master Collective Bargaining Agreement. All disputes arising out of the meaning, interpretation or application of the provisions of this Agreement shall be settled by means of the procedures set out herein. No grievance shall be recognized unless the grieving party (Local Union or District Council on its own behalf, or on behalf of an employee whom it represents, or a Contractor/Employer on its own behalf) provides notice in writing to the signatory party with whom it has a dispute within ten (10) business days after becoming aware of the dispute but in no event more than thirty (30) business days after it reasonably should have become aware of the event giving rise to the dispute. The time limits in Section 13.1 may be extended by mutual Agreement (oral or written) of the parties.

13.2 Grievances shall be settled according to the following procedures:

Step 1: Within five (5) business days after the receipt of the written notice of the grievance, the Business Representative of the involved Local Union or District Council, or his/her designee, and the representative of the involved Contractor/Employer shall confer and attempt to resolve the grievance. The Union(s) shall notify its International Union representative(s), which shall advise if it intends on participating in a Step 2 meeting.

Step 2: In the event that the representatives are unable to resolve the dispute within the five (5) business days after its referral to Step 1, either involved party may submit it within three (3) business days to the Joint Administrative Subcommittee (consisting of one District and one Union representative of the Joint Administrative Committee), which shall meet within five (5) business days after such referral (or such longer time as is mutually agreed upon by all representatives on the Joint Administrative Committee), to confer in an attempt to resolve the grievance. The decision of the Joint Administrative Subcommittee shall be final and binding on all parties. If the dispute

is not resolved within such time five (5) business days after its referral or such longer time as mutually agreed upon, it may be referred within five (5) business days by either party to Step 3.

Step 3: Within five (5) business days after referral of a dispute to Step 3, the parties shall choose a mutually agreed upon arbitrator for final and binding arbitration. If the parties cannot mutually agree on the selection of an arbitrator, the arbitrator shall be selected by the alternate striking method from the following list: (Hirsch, Winograd, Riker, Davis, Engler) The order of striking names from the list of arbitrators shall be determined by a coin toss, the winner of which shall decide whether they wish to strike first or second. Such striking shall take place within three (3) days. If a party does not respond within three (3) days, this means any Arbitrator from the list is acceptable. The decision of the Arbitrator shall be binding on all parties. The Arbitrator shall have no authority to change, amend, add to or detract from any of the provisions of the Agreement. The expense of the Arbitrator shall be borne equally by both parties. The Arbitrator shall arrange for a hearing on the earliest available date from the date of his/her selection. A decision shall be given to the parties within five (5) calendar days after completion of the hearing unless such time is extended by mutual Agreement. A written opinion may be requested by a party from the presiding Arbitrator. The time limits specified in any step of the Grievance Procedure set forth in Section 13.2 may be extended by mutual Agreement of the parties initiated by the written request of one party to the other, at the appropriate step of the Grievance Procedure. However, failure to process a grievance, or failure to respond in writing within the time limits provided above, without a request for an extension of time, shall be deemed a waiver of such grievance without prejudice, or without precedent to the processing of and/or resolution of like or similar grievances or disputes. In order to encourage the resolution of disputes and grievances at Steps 1 and 2 of this Grievance Procedure, the parties agree that such settlements shall not be precedent setting.

13.3 Retention: At the time a grievance is submitted under this Agreement or any Master Agreement, the Union(s) may request that the District withhold and retain an amount from what is due and owing to the Contractor(s) against whom the grievance is filed, sufficient to cover the damages alleged in the grievance, should the Union(s) prevail. The amount shall be retained by the District until such time as the underlying grievance giving rise to the retention is withdrawn, settled, or otherwise resolved, and the retained amount shall be paid to whomever the parties to the grievance shall decide, or to whomever an Arbitrator shall so order.

13.4 Should any of the arbitrators listed in Article 4 or above no longer work as a labor arbitrator, the District and the Council, through the Joint Administrative Committee, shall mutually agree to a replacement.

ARTICLE 14.
JURISDICTIONAL DISPUTES

14.1 The assignment of Covered Work will be solely the responsibility of the Employer performing the work involved; and such work assignments will be in accordance with the Plan for the Settlement of Jurisdictional Disputes in the Construction Industry (the "Plan") or any successor Plan.

14.2 All jurisdictional disputes on this Project between or among the Building and Construction Trades Unions and the Employers, parties to this Agreement, shall be settled and adjusted according to the present Plan established by the Building and Construction Trades Department, or any other plan or method of procedure that may be adopted in the future by the Building and Construction Trades Department. Decisions rendered shall be final, binding and conclusive on the Employer and Union parties to this Agreement.

14.3 If a dispute arising under this Article involves the Northern California Carpenters Regional Council or any of its subordinate bodies, an Arbitrator shall be chosen by the procedures specified in Article V, Section 5, of the Plan from a list composed of John Kagel, Thomas Angelo, Robert Hirsch, and Thomas Pagan, and the Arbitrator's hearing on the dispute shall be held at the offices of the California State Building and Construction Trades Council in Sacramento, California, within 14 days of the selection of the Arbitrator. All other procedures shall be as specified in the Plan.

14.4 All jurisdictional disputes shall be resolved without the occurrence of any strike, work stoppage, or slow-down of any nature, and the Employer's assignment shall be adhered to until the dispute is resolved. Individuals violating this Section shall be subject to immediate discharge.

14.5 Each Employer shall conduct a Pre-Job Conference with the Council prior to commencing Covered Work. The Primary Employer and the Owner will be advised in advance of all such conferences and may participate if they wish. Pre-job conferences for different Employers may be held together.

ARTICLE 15.
MANAGEMENT RIGHTS

Consistent with the Master Labor Agreements, the Contractor/Employer(s) shall retain full and exclusive authority for the management of their operations, including the right to direct their work force in their sole discretion. No rules, customs or practices shall be permitted or observed which limit or restrict production, or limit or restrict the working efforts of employees except that lawful manning provisions in the Master Agreement shall be recognized.

ARTICLE 16.
SAVINGS CLAUSE

16.1 The parties agree that in the event any article, provision, clause, sentence or word of the Agreement is determined to be illegal or void as being in contravention of any applicable law, by a court of competent jurisdiction, the remainder of the Agreement shall remain in full

force and effect. The parties further agree that if any article, provision, clause, sentence or word of the Agreement is determined to be illegal or void, by a court of competent jurisdiction, the parties shall substitute, by mutual Agreement, in its place and stead, an article, provision, clause, sentence or word which will meet the objections to its validity and which will be in accordance with the intent and purpose of the article, provision, clause, sentence or word in question.

16.2 The parties also agree that in the event that a decision of a court of competent jurisdiction materially alters the terms of the Agreement such that the intent of the parties is defeated, then the entire Agreement shall be null and void.

16.3 If a court of competent jurisdiction determines that all or part of the Agreement is invalid and/or enjoins the District from complying with all or part of its provisions and the District accordingly determines that the Agreement will not be required as part of an award to a Contractor/Employer, the unions will no longer be bound by the provisions of Article 4.

ARTICLE 17. TERM

17.1 The Agreement shall be included as a condition of the award of all construction contracts for the Projects.

17.2 This Agreement shall become effective on the day the District ratifies this Agreement and shall continue in full force and effect for a period of five years. The parties may mutually agree in writing to amend, extend or terminate this Agreement at any time.

ARTICLE 18. ALAMEDA HIRE REQUIREMENTS

18.1 The Parties agree to a goal that Alameda Residents, and especially District Graduates, will perform a minimum of 20% of the hours worked, on a craft by craft basis on the Projects. In the event that no Alameda residents or District Graduates are available to fulfill the 20% local hire requirement, the next tier of residents will come from the Green Corridor. This includes, in addition to Alameda, the cities of Albany, Berkeley, El Cerrito, Emeryville, Richmond, Oakland, and San Leandro. The Contractor/Employer(s) shall make good faith efforts to reach this goal through the utilization of the Unions' hiring hall procedures. The Unions shall make good faith efforts in their recruiting and training of District Graduate and Alameda Resident workers and in their hiring hall procedures to facilitate this 20% goal on the Projects.

18.2 Should any of the contractors performing work on the Projects fail to meet this 20% goal and fail to demonstrate "good faith" efforts to do so, through a specific submittal process to be included in their contractual requirements, the contract's 10% retention will be held until such time that this failure is remedied. Acceptable remedies to correct continued failure may include, but not be limited to the following remedies, as determined by the Joint Administrative Committee (as established in Section 12):

18.2.1 Classification as a non-qualified bidder on future District projects;

18.2.2 Commitment, with documentation, to employ District Graduates, or

Green Corridor Residents on non-District projects for a determined number of work hours; and

18.2.3 Bringing in District Graduates and Alameda residents as new apprentices and continuing their employment for up to 12 months.

18.3 A Contractor/Employer(s) who has employed a District Graduate for up to six months preceding the start of the District project for a minimum of at least 100 hours per month and has the ability to perform safely the basic functions of the applicable trade may receive credit for 50% of these hours towards the 20% goal. A Contractor/Employer may also receive credit for 50% of the documented hours performed by District Graduates or Alameda Residents on the Contractor's non-District projects, when such hours are concurrent with the Contractor's work on the Projects.

18.4 The maximum total combined credit that can be applied for in 18.3 is half of the 20%.

18.5 The contractors may use District student intern's hours for credit towards the local hiring goals. Internships for credit may be up to three (3) interns per year at up to 3000 hours per year per intern.

18.6 Should any Contractor/Employer performing work on the Projects exceed the 20% local hire goal as set forth in this Agreement, they shall be acknowledged at the appropriate public, televised school board meeting for their efforts at the completion of their contract scope.

18.7 Apprenticeship Provision:

18.7.1 The Prime Contractor and their sub-contractors will be required to hire 1 District Graduate, Alameda Resident or Alameda Student as a first period apprentice for every 5 million dollars of total construction cost. There can be no more than 2 entry-level apprentices credited for each craft, and the general contractor will be able to include entry-level apprentices hired by their subcontractor to meet this requirement. The District will refer names of former students or recent graduates to the Union and Contractors and the Unions will agree to cooperate with the Contractor in furnishing apprentices as requested and the hiring of the apprentices will be in accordance to the Apprenticeship provisions listed in the Master Agreements, and the apprentices shall be properly supervised and paid in accordance with provisions contained within the Master Agreements. The failure of the District to refer names and/or the Union to provide those apprentices upon request will relieve the Prime contractor of this District Graduate/Alameda Resident/Student first period apprentice hiring responsibility.

18.7.2 The General Contractor, or subcontractor who hires such Alameda Resident/Student First Period Apprentices shall be credited with two work hours towards the 20% local work hours, for each hour worked by the first period Alameda Resident/Student apprentices.

18.7.3 The intent of this provision is to work the new apprentices to the full extent permissible by state law and the Master Agreements. Failure of the General Contractor and their subcontractors to maintain qualified apprentices on the job will be subject to Division of Apprenticeship Standards penalties, and further penalties as determined by the Joint Administrative Committee.

18.8 **Career Technical Education Program.** Both the District and the Building Trades agree that an active school to career program in the trades can be a benefit to many Alameda students. The Building Trades and the District agree to collaborate in the development and implementation of the District's Career Technical Education ("CTE") program.

18.9 The Building Trades agree to support the District's CTE programs by doing the following:

18.9.1 Assisting the District's CTE program by:

18.9.2 Providing speakers at least twice a year,

18.9.3 Escorting field trips to existing apprenticeship centers at least three times a year, per the school's schedule,

18.9.4 Mentoring students. Identify at least five individuals who will serve as mentors,

18.9.5 Internships for students. The Unions will explore providing internships. The Unions will assist the program in identifying willing contractors and suppliers to provide additional internships.

18.10 **Career Fairs.** Agree to actively participate with multiple trade booths in two career fairs per year.

18.11 Actively participate in helping to create and provide hands-on training for, pre-apprenticeship programs set up by the District for adult school and b-tech students. Such participation may begin slowly, but it is envisioned that the trades will spend no less than 100 hours per year in assisting this program.

18.12 Assist in exploring the feasibility of the District students participating in local pre-apprenticeship programs, such as the Cypress-Mandela program. Support the District efforts with this program if a mutual Agreement with such a program can be worked out.

18.13 The parties agree to meet around the implementation of the program at the discretion of the District.

ARTICLE 19. **HELMETS TO HARDHATS**

19.1 The parties recognize a desire to facilitate the entry into the Building and Construction Trade Union(s) of Veterans who are interested in careers in the building and construction industry. The parties agree to utilize the services of the Center for Military Recruitment, Assessment and Veteran's Employment (hereinafter "Center") and the Center's "Helmets to Hardhats" program to serve as a resource for preliminary orientation, assessment of construction aptitude, referral to apprenticeship programs or hiring halls, counseling and mentoring, support network, employment opportunities and other needs as identified by the parties

19.2 The Union(s) and Contractor/Employer(s) agree to coordinate with the Center to participate in an integrated database of Veterans interested in working on this Project and of apprenticeship and employment opportunities for this Project. To the extent permitted by law, the Union(s) will give credit to such Veterans for bona fide, provable past experience.

ARTICLE 20. MISCELLANEOUS PROVISIONS

20.1 **Integration.** This Agreement, together with the Schedule A's, is intended by the parties as the final expression of their Agreement with respect to such terms as are included herein and as the complete and exclusive statement of its terms and may not be contradicted by evidence of any prior Agreement or of a contemporaneous oral Agreement, nor explained or supplemented by evidence of consistent additional terms.

20.2 **No Representations or Warranties.** Each of the parties acknowledges no one has made any promise, representation or warranty whatsoever, express or implied, written or oral, not contained herein to induce them to execute this Agreement, and that this Agreement is not executed in reliance upon any such promise, representation or warranty.

20.3 **Modification.** Each of the parties acknowledges and agrees that this Agreement may be amended only by writing and signed by the District and the Council.

20.4 **Interpretation.** Each of the parties acknowledges and agrees that this Agreement is an accord and satisfaction to be construed as whole according to its fair meaning and not in favor of nor against any of the parties as draftsman or otherwise.

20.5 **Forum.** Any action or proceeding seeking any relief under or with respect to this Agreement shall be brought solely in the Superior Court of the State of California for the County of Alameda in accordance with the procedures set forth in this Agreement.

20.6 **Choice of Law.** This Agreement shall be governed by and interpreted under the laws of the State of California and the Federal laws of the United States of America as applicable to instruments, persons, transactions and subject matter which have legal contacts and relationships exclusively within the State of California.

20.7 **No Attorneys Fees.** No party shall be entitled to recover an award of attorneys' fees or costs with respect to any action or proceeding seeking relief under this Agreement.

20.8 **Counterparts.** This Agreement may be executed in counterparts, each of which shall constitute an original of the Agreement. Facsimile or email PDF signature pages transmitted to other parties to this Agreement shall be deemed equivalent to original signatures on counterparts.

20.9 **Warranty of Authority.** Each of the persons signing this Agreement represents and warrants that such person has been duly authorized to sign this Agreement on behalf of the party indicated, and each of the parties by signing this Agreement warrants and represents that such party is legally authorized and entitled to enter into this Agreement.

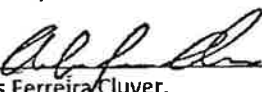
20.10 Ratification by Governing Board. This Agreement shall not be binding on the District until it is ratified by the Governing Board at a publicly noticed Governing Board meeting.

ALAMEDA UNIFIED SCHOOL DISTRICT

By: _____

Date: _____

**BUILDING AND CONSTRUCTION TRADES COUNCIL OF
ALAMEDA COUNTY, AFL-CIO**

By: 
Andreas Ferreira Cluver,
Secretary-Treasurer

Date: 6/10/16

[Trade signatures follow below]

Addendum A: Agreed To Letter of Assent

[Addressee]
[Address]
[City and State]

Re: Alameda Unified School District Measure I New Construction and Modernization Projects,
Project Labor Agreement.
Letter of Assent for _____
(Projects Name)

Dear Mr. /Ms. _____:

The undersigned party confirms that it agrees to be a party to and bound by the Alameda Unified School District Measure I New Construction and Modernization Projects, Project Labor Agreement as such Agreement may, from time to time, be amended by the parties or interpreted pursuant to its terms.

By executing this Letter of Assent, the undersigned party subscribes to, adopts and agrees to be bound by the written terms of the legally established trust Agreements as set forth in Section 9.1, as they may from time to time be amended, specifying the detailed basis upon which contributions are to be made into, and benefits made out of, such trust funds and ratifies and accepts the trustees appointed by the parties to such trust funds, and agrees to execute a separate Subscription Agreement(s) for Trust Funds when such Trust Fund(s) requires such document(s).

Such obligation to be a party to and bound by this Agreement shall extend to all work covered by said Agreement undertaken by the undersigned party on the Alameda Unified School District Measure I New Construction and Modernization Projects. The undersigned party shall require all of its subcontractors, of whatever tier, to become similarly bound for all their work within the scope of this Agreement by signing an identical Letter of Assent.

This letter shall constitute a subscription Agreement, to the extent of the terms of the letter.

CONTRACTOR/SUBCONTRACTOR: _____
Project Contract Number: _____

California State License Number: _____
or Motor Carrier (CA) Permit Number _____

DIR Public Works Registration # _____

Name and Signature of Authorized Person: _____
(Print Name)

(Title)

(Signature) (Date)