

**SMUD CONTRACT NO. 45000XXXXX**

THIS CONTRACT (“Contract”) is made by and between SACRAMENTO MUNICIPAL UTILITY DISTRICT, (“SMUD”), and **CONTRACTOR NAME** (“Contractor”), who agree as follows:

1. Contractor, for and in consideration of the payment to be made to it as herein provided, agrees to furnish all material, labor and equipment necessary or required for the work described as: UARP MAINTENANCE AND MONDERNIZATION OF POWER GENERATION EQUIPMENT, in strict conformity with the following: (a) the General Conditions attached hereto as Exhibit A; (b) the Special Conditions attached hereto as Exhibit B; and (c) the Technical Conditions attached hereto as Exhibit C.

The Contractor shall comply with the California Labor Codes as defined in GC-14 of the General Conditions. Upon execution of this Contract, Contractor shall provide a Performance Bond in the form of Exhibit D hereto and a Payment Bond in the form of Exhibit E hereto. In addition, Contractor shall comply with the Insurance Requirements set forth on Exhibit F hereto.

2. SMUD, in consideration of the performance of this Contract by Contractor, agrees to pay Contractor in accordance with the rates and prices set forth in the Rate Schedule attached hereto as Exhibit G and incorporated by this reference, subject to any additions and/or deductions provided for elsewhere in this Contract. Such payment shall be made in accordance with the procedure set forth in the General Conditions.

SMUD’s maximum financial obligation under this Agreement shall be \$XXXXXXX. Any expenditures in excess of this limit will not be reimbursed by SMUD and will be the Contractor’s sole responsibility.

3. The term of this Agreement shall be from \_\_\_\_\_, to \_\_\_\_\_, unless changed by mutual written agreement of the contracting parties.

4. Numerous SMUD buildings were constructed with some asbestos-containing components. An asbestos information sheet is provided as the Asbestos Notification attached hereto as Exhibit H, which shall be provided to all of Contractor’s employees, agents, representatives and subcontractors (“Contractor’s Representatives”) performing work within such SMUD buildings.

5. The personal safety and health of the general public, SMUD employees, Contractor and Contractor’s Representatives is of paramount importance. Contractor certifies to SMUD that Contractor has:

- A. An effective Injury and Illness Prevention Program, which meets the requirements of all applicable laws and regulations, including but not limited to, California Labor Code Section 6401.7; (This section does not apply if Contractor does not perform any work under this Agreement within the State of California.) and

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- B. It has a written Code of Safe Practices, which relates to Contractor's operation in accordance with Title 8, California Code of Regulations (CCR) Section 1509, (Construction Safety Orders);
  - C. Contractor has a written plan for employee Emergency Medical Services in accordance with Title 8, California Code of Regulations, (CCR) Section 1512 (Construction Safety Orders); and
  - D. It is fully responsible for the acts and omissions of Contractor's Representatives; and
  - E. Contractor will immediately notify the SMUD Contract Manager of any OSHA reportable accident occurring on/in SMUD premises, facilities or work sites.
6. Contractor may use only those subcontractors who are identified on the Designation of Prime Contractor, Subcontractors, and Suppliers form attached hereto as Exhibit I. Substitution of any subcontractor identified on Exhibit I requires the prior written approval of SMUD. If applicable, Contractor shall comply with the SEED participation commitments shown on Exhibit I.
7. Contractor shall submit invoices to SMUD. Contractor's invoice ("Invoice") shall be submitted to SMUD electronically. Each Invoice must comply with the following requirements:
- i. Each Invoice must be in PDF file format and e-mailed to: [smudinvoice@smud.org](mailto:smudinvoice@smud.org).
  - ii. Each Invoice and its supporting documents must be included in a single PDF file.
  - iii. SMUD's contract or purchase order number must be clearly displayed on the Invoice.
  - iv. Multiple Invoices may be transmitted in a single email; however, each Invoice and its related supporting documents must be contained in a single PDF file which is separate from the other Invoice files.

If unable to submit electronically, mail Invoices to Sacramento Municipal Utility District, Attention: Accounting Department, Mailstop K109, Post Office Box 15830, Sacramento, CA 95852 0830.

SMUD shall process all undisputed invoices within 30 Days following receipt thereof. Contractor shall maintain books and accounts of personnel and other recoverable costs, if any, in accordance with generally accepted accounting principles and practices.

Each of the Exhibits attached hereto are incorporated herein by this reference.

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**ACCEPTED FOR  
CONTRACTOR NAME**

**ACCEPTED FOR THE  
SACRAMENTO MUNICIPAL UTILITY  
DISTRICT**

By: \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_  
(Type or Print)

Name: Casey Fallon

Title: \_\_\_\_\_

Title: Director, Procurement, Warehouse and Fleet

Date: \_\_\_\_\_

Date: \_\_\_\_\_

**Exhibit A – General Conditions**

**Exhibit B – Special Conditions**

**Exhibit C – Technical Conditions**

**Exhibit D – Performance Bond**

**Exhibit E – Payment Bond**

**Exhibit F- Insurance Requirements**

**Exhibit G– Rate Schedule**

**Exhibit H– Asbestos Notification**

**Exhibit I– Designation of Prime Contractor, Subcontractors and Suppliers**

**GENERAL CONDITIONS**

**SPECIAL CONDITIONS**

**TECHNICAL CONDITIONS**

**SACRAMENTO MUNICIPAL UTILITY DISTRICT  
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**PERFORMANCE BOND**

**BOND NO: \_\_\_\_\_**

**KNOW ALL MEN BY THESE PRESENTS:**

THAT WHEREAS, Sacramento Municipal Utility District hereinafter designated as “Obligee”, has awarded to

**CONTRACTOR NAME**

as Principal, hereinafter

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**(Print Company Name)**

designated as the “Principal”, a contract for the work described as UARP MAINTENANCE AND MODERNIZATION OF POWER GENERATION EQUIPMENT by and between Obligee and Principal, dated \_\_\_\_\_, \_\_\_\_ for Obligee Contract No. **45000XXXXX**, hereinafter designated as the “Contract”;

AND WHEREAS, the Principal is required to furnish a bond in connection with said Contract guaranteeing faithful performance thereof;

NOW, THEREFORE, we the undersigned Principal and Surety are held and firmly bound unto the Obligee in the sum of \$ \_\_\_\_\_ “Bond Sum” to be paid to the said Obligee or its certain attorney, its successors and assigns, for which payment well and truly to be made, we bind ourselves, our heirs, executors and administrators, successors or assigns, jointly and severally, firmly by these presents. The Bond Sum includes liability for design services if any are included in the contract scope.

THE CONDITION of this obligation is such,

That if the Principal shall in all things well and truly keep and perform the undertakings, covenants, terms, conditions and agreements of the Contract as it may be modified as provided below, on the Principal’s part to be kept and performed at the time and in the manner therein specified, as extended or modified by the Obligee and during the life of any guaranty or warranty required under the Contract, and in all respects according to their true intent and meaning, and shall indemnify and save harmless the said Obligee, its officers and agents, as therein stipulated, of and from any and all loss, damage and expense, including costs and attorney’s fees sustained by the Obligee by reason of the Principal’s failure to do so, then this obligation shall become and be null and void; otherwise, it shall be and remain in full force and effect.

Whenever the Principal shall be, and declared by Obligee to be in default under the Contract, the Obligee having performed the Obligee’s obligations thereunder, the Surety may promptly remedy the default in any manner acceptable to the Obligee. In the event suit is brought upon this bond by the Obligee and judgment is recovered, the Surety shall pay all costs incurred by the Obligee in such suit, including a reasonable attorney’s fee to be fixed by the Court.

As a condition precedent to the satisfactory completion of the Contract, the above obligation in said amount shall remain in full force and effect until all warranty obligations under the Contract are satisfied by the Principal, during which time the Principal, its heirs, executors, administrators, successors or assigns shall fail to make full, complete and satisfactory repair and replacements or totally protect the said Obligee from loss or damage made evident during said period of one (1) year from the date of acceptance of the work, and resulting from or caused by defective materials or faulty workmanship in the prosecution of the work done, the above obligation in the said sum shall remain in full force and effect. However, anything in this paragraph to the contrary notwithstanding, the obligation of the Surety hereunder shall continue so long as any obligation of the Principal remains.

No prepayment or delay in payment, no change, extension of time, addition, alteration, omission or other modification of any provision of the Contract, the work to be performed thereunder or in the plans or specifications agreed to between the Principal and the Obligee, nor any rescission or attempted rescission of the Contract or this Bond, nor any condition precedent or subsequent in this Bond attempting to limit the right of recovery of claimants otherwise entitled to recover under this Bond, nor any fraud practiced by any person other than the Obligee seeking to recover on this Bond, nor any novation of the Contract, nor any forbearance on the part of said Obligee shall in any way affect the Surety’s obligation on this Bond, and the Surety hereby waives notice of and consents to any such changes, extensions of time, alterations, additions, omissions, other modifications or novations. Without limiting the foregoing,

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the Surety agrees that modifications and changes to the terms and conditions of the Contract that increase the total amount paid the Principal shall automatically increase the obligation of the Surety on this bond and notice to Surety or consent of the Surety is not required for each increased obligation. The Surety agrees that to the extent that it undertakes to pay claimants based on claims of non-payment of sums related to labor, materials or equipment furnished to the Principal or any Subcontractor, and the payment obligation could be construed as an obligation under this Bond or the payment bond issued by the Surety contemporaneously with the issuance of this Bond, such payment shall be treated solely as the discharge of an obligation under the payment bond and shall not reduce or impact on the Surety's obligations under this Bond.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction is to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted from this Bond and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. The intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

The Surety hereby waives the provisions of California Civil Code Sections 2819 and 2845.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this \_\_\_\_ day of \_\_\_\_\_.

<b>Principal:</b>	<b>Surety:</b>
<b>Signed:</b>	<b>Street Address:</b>
<b>Print Name:</b>	<b>City:</b> <b>State:</b> <b>Zip:</b>
<b>Title:</b>	<b>Surety Telephone:</b>
	<b>By:</b>

(Attorney-In-Fact)

**(The signature of the Surety on this bond must be acknowledged before a Notary Public.)**



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**PAYMENT BOND**

**BOND NO: \_\_\_\_\_  
KNOW ALL MEN BY THESE PRESENTS:**

THAT WHEREAS, Sacramento Municipal Utility District hereinafter designated as the "Obligee", has awarded to

**CONTRACTOR NAME** \_\_\_\_\_ as Principal, hereinafter

**(Print Company Name)**

designated as the "Principal", a contract for the work describes as UARP MAINTENANCE AND  
MONDERNIZATION OF POWER GENERATION EQUIPMENT by and between Obligee and  
Principal, dated \_\_\_\_\_, \_\_\_\_\_ for Obligee Contract No., **45000XXXXX** hereinafter designated as the  
"Contract";

AND WHEREAS, said Principal is required by the provisions of California Civil Code Section 9550, et seq. to furnish  
a bond in connection with said Contract, as hereinafter set forth;

NOW, THEREFORE, we the undersigned Principal and Surety are held and firmly bound unto said Obligee in the  
sum of \$ \_\_\_\_\_ "Bond Sum" to be paid to the said Obligee or its certain attorney, its successors and assigns, for which  
payment well and truly to be made, we bind ourselves, our heirs, executors and administrators, successors or assigns,  
jointly and severally, firmly by these presents. The Bond Sum includes liability by the Surety for design services if  
any are included in the contract work scope.

THE CONDITION of this obligation is such,

That if said Principal or its Subcontractors, or its or their subcontractors or suppliers, shall fail to pay any of the persons  
named in California Civil Code Sections 9100 or 9554, or amounts due under the California Unemployment Insurance  
Code with respect to work or labor performed under the Contract, or any amounts required to be deducted, withheld  
and paid over to the Employment Development Department from the wages of employees of the Principal or its  
Subcontractors, or its or their subcontractors or suppliers, pursuant to Section 13020 of the California Unemployment  
Insurance Code, all as required by the provisions of California Civil Code Section 9550, et seq. and acts amendatory  
thereof, and sections of other codes of the State of California referred to therein and acts amendatory thereof, that the  
Surety or sureties will pay for the same, in an amount in the aggregate not exceeding the sum specified in this Bond,  
and also, in case suit is brought upon the Bond, reasonable attorneys' fees, to be fixed by the Court.

This bond shall inure to the benefit of any and all of the persons named in California Civil Code Sections 9100 and  
9554 so as to give a right of action to such persons or their assigns in any suit brought upon this bond.

No prepayment or delay in payment, no change, extension of time, addition, alteration, omission or other modification  
of any provision of the Contract, the work to be performed thereunder or in the plans or specifications agreed to  
between the Principal and the Obligee, nor any rescission or attempted rescission of the Contract or this Bond, nor  
any condition precedent or subsequent in this Bond attempting to limit the right of recovery of claimants otherwise  
entitled to recover under this Bond, nor any fraud practiced by any person other than the Obligee seeking to recover  
on this Bond, nor any novation of the Contract, nor any forbearance on the part of said Obligee shall in any way affect  
the Surety's obligation on this Bond, and the Surety hereby waives notice of and consents to any such changes,  
extensions of time, alterations, additions, omissions, other modifications or novations. Without limiting the foregoing,  
the Surety agrees that modifications and changes to the terms and conditions of the Contract that increase the total  
amount paid the Principal shall automatically increase the obligation of the Surety on this bond and notice to Surety  
or consent of the Surety is not required for each increased obligation. The Surety agrees that to the extent that it  
undertakes to pay claimants based on claims of non-payment of sums related to labor, materials or equipment furnished  
to the Principal or any Subcontractor, and the payment obligation could be construed as an obligation under this Bond  
or the payment bond issued by the Surety contemporaneously with the issuance of this Bond, such payment shall be  
treated solely as the discharge of an obligation under the payment bond and shall not reduce or impact on the Surety's  
obligations under this Bond.

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When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction is to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted from this Bond and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. The intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

The Surety hereby waives the provisions of California Civil Code Sections 2819 and 2845.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this \_\_\_\_ day of \_\_\_\_\_.

<b>Principal:</b>	<b>Surety:</b>
<b>Signed:</b>	<b>Street Address:</b>
<b>Print Name:</b>	<b>City: State: Zip:</b>
<b>Title:</b>	<b>Surety Telephone:</b>
	<b>By:</b>

(Attorney-In-Fact)

**(The signature of the Surety on this bond must be acknowledged before a Notary Public.)**

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**INSURANCE REQUIREMENTS**

TYPE OF COVERAGE		LIMITS NO LESS THAN	
<input checked="" type="checkbox"/>	<b>Commercial General Liability (CGL)</b>	<b>Occurrence</b>	<b>Aggregate</b>
	ISO form CG 0001 04 13, or other acceptable to SMUD. <ul style="list-style-type: none"> <li>• Additional insured endorsement or policy excerpt for on-going and products/completed ops</li> <li>• Coverage limits endorsed / dedicated on a per contract or per project basis</li> <li>• No exclusion for construction work within 50 feet of railroad</li> </ul>	\$ 2 M	\$ 2 M
<input checked="" type="checkbox"/>	<b>Business Automobile Liability (BAL)</b>	<b>Individual</b>	<b>Accident</b>
	Covering claims arising from ownership, operation, loading, unloading owned, hired, leased, non-owned, and /or borrowed private passenger and commercial vehicles. <ul style="list-style-type: none"> <li>• Additional insured endorsement or policy excerpt</li> </ul>	\$ 2 M	\$ 2 M
<p><i>A combination of primary and excess insurance policies may be used to meet required limits so long as they provide coverage as broad (“follow form”) over the underlying primary policies. Excess and umbrella policy schedules of underlying policies and retentions shall be provided.</i></p>			
<input checked="" type="checkbox"/>	<b>California Workers Compensation (WC)</b> Including US Longshore & Harbor Workers coverage where applicable	<b>CA Statutory Limits</b>	
	<input checked="" type="checkbox"/> <b>Employer’s Liability (EL)</b> Covering Bodily Injury by Accident or Disease	<b>Per Employee</b>	<b>Aggregate</b>
		\$ 1 M	\$ 1 M
<input type="checkbox"/>	<b>Contractor’s Pollution Liability (CPL)</b>	<b>Occurrence</b>	<b>Aggregate</b>
	Covering claims arising from handling, abatement, transport of hazardous materials including asbestos and lead paint	N/A	N/A
<input type="checkbox"/>	<b>Aircraft Liability (Required Only if Aircraft Utilized in Work Scope – Requirement may be met by Subcontractor if included in written subcontract)</b>	<b>Per Seat</b>	<b>Occurrence</b>
	Covering claims from passengers, SMUD and other third parties, arising from bodily injury and property damage <ul style="list-style-type: none"> <li>• Additional insured endorsement or policy excerpt</li> <li>• Copy of subcontract, if subcontractor is used</li> </ul>	N/A	N/A
		N/A	N/A
<input checked="" type="checkbox"/>	<b>Professional Errors &amp; Omissions (E&amp;O) Liability (and Cyber If Selected)</b>	<b>Each Claim</b>	<b>Aggregate</b>
<input checked="" type="checkbox"/>	<u>E&amp;O</u> for claims arising out of Contractor’s Work Scope No subcontractor exclusion or subcontractor(s) must carry equal insurance	Choose One	Choose One
<input type="checkbox"/>	<u>Technology E &amp; O</u> for claims arising from Contractor’s Work Scope including, but not limited to, errors, omissions, or negligent acts rendering or failing to render computer or IT services, development, products  <u>Cyber Privacy &amp; Network Security Liability:</u> Including, but not limited to protection against liability, with no exclusion/restriction for unencrypted portable devices/media for:  (1) Privacy breaches, including liability arising from loss or disclosure of confidential information no matter how it occurs; (2) System breaches; (3) Denial or loss of service; (4) Introduction, implantation, or spread of malicious software code; and (5) Unauthorized access to or use of computer systems	N/A	N/A

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<input type="checkbox"/>	<b>Crime Insurance (Not a Fidelity Bond)</b>		<b>Each Claim</b>	<b>Aggregate</b>
	Including fraud, theft, dishonesty and disappearance of SMUD funds * SMUD included as Loss Payee	Financial Loss	N/A	N/A
<input type="checkbox"/>	<b>Fiduciary</b>		<b>Each Claim</b>	<b>Aggregate</b>
	For funds managed or held in trust	Financial Loss	N/A	N/A
<input type="checkbox"/>	<b>Other</b>		<b>Each Claim</b>	<b>Aggregate</b>
	<input type="checkbox"/> Property <input type="checkbox"/> Cargo/Transit <input type="checkbox"/> Add'l Insured <input type="checkbox"/> Empl Practice <input type="checkbox"/> Garage <input type="checkbox"/> Loss Payee <input type="checkbox"/> Sexual Harassment, Discrimination, Molestation		N/A	N/A

**Primary Coverage:** Insurance required above, with the exception of WC, EL, and E&O, shall be primary as respects SMUD, its directors, officers, representatives, agents, employees, lessors and/or any other persons or entities for which SMUD has agreed in writing that its contractors shall include as an additional insured (hereinafter collectively referred to as "The Parties") and any other insurance effected or procured by any or all of The Parties shall be excess of and shall not contribute with the required insurance.

**Additional Insureds Severability of Interests, Waivers of Subrogation:** These policies, with the exception of WC, EL and E&O coverages, shall name The Parties as additional insureds as respects work performed pursuant to or incidental to this Agreement (including coverage for ongoing and products/completed operations hazards) except for active negligence of The Parties in public works construction contracts (Cal Ins Code §11580.04). ISO forms CG 2010 or CG 20 33(ongoing operations) and CG 2037 (products/completed operations), or other forms acceptable to SMUD, shall be used. CGL severability of interests (cross liability), and CGL, BAL, CPL and WC waiver of subrogation clauses shall be included. Pursuant to the terms of this Agreement, insurance effected or procured by Contractor shall not reduce or limit Contractor's obligation to indemnify and defend The Parties for claims made or suits brought which result from, or in connection with, the performance of this Agreement.

**Products/Completed Operations:** The coverages required herein, when written on an occurrence form, shall be maintained during the entire term of the Agreement. Coverages written on a claims-made form shall be maintained during the entire term of the Agreement and further until at least three years following completion and acceptance of all work under this Agreement. Additional insured endorsements providing products/completed operations coverage shall continue to provide coverage through the expiration of time within which a claim may be filed under all applicable laws.

**Insurer Security:** Insurers shall be rated A- / IX or better by A.M. Best, or shall be otherwise acceptable to SMUD. Insurers need not be admitted by the State of California.

**Insurance Certificates, Endorsements, Notice of Policy Change/Cancellation:** Before commencing work under this Agreement, Contractor's broker or agent shall provide copies of primary additional insured and waiver of subrogation endorsements, as well as deletion of railroad exclusionary language endorsement (if applicable), and certificates of insurance verifying that at least the minimum insurance coverages required above are in effect. A combination of primary and excess insurance policies may be used to meet the required limits so long as they provide coverage as broad ("follow form") over the underlying primary policies. Excess and umbrella policy schedules of underlying policies and retentions shall be provided.

Certificates must disclose any self-insured retention of \$250,000 or more. Certificates must specify whether the liability coverages are written on an occurrence form or a claims-made form. There shall be no change(s) to or cancellation(s) of coverage(s) resulting in the Contractor becoming non-compliant with the insurance coverage required herein. In the event a change or cancellation will result in Contractor becoming non-compliant with the insurance coverage required herein, Contractor shall provide thirty (30) days advance written notice to SMUD of any such change or cancellation. Contractor's failure to provide such advance written notice shall be construed to be a material breach of this Agreement. In the event of a loss or claim potentially arising out of Contractor's scope of services, Contractor shall promptly provide complete copies of its insurance policies upon written request by SMUD.

SACRAMENTO MUNICIPAL UTILITY DISTRICT  
P. O. BOX 15830, SACRAMENTO, CA 95852-1830  
**ATTENTION: Dwayne Pugh /MS EA404**

**RATE SCHEDULE**

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**ASBESTOS NOTIFICATION – 2019**

Sacramento Municipal Utility District (SMUD) is required to give notice to employees and Contractors working at any SMUD facility that has asbestos-containing construction materials, pursuant to the Asbestos Notification Law (California Health & Safety Code 25915 et seq., and in particular 25915.1). **Be aware that this list only includes material tested and found to contain asbestos material. Materials not tested may contain asbestos. Asbestos inspection and testing is required prior to performing demolition, renovation, retrofit or remodeling in any facility constructed prior to 1981.**

**LOCATION OF ASBESTOS**

**Headquarters Building:**

Majority of asbestos has been abated in Headquarters; Bayview Environmental shall provide SMUD a floor-by-floor report of the remaining locations and quantities.

**Corporation Yard:- 59<sup>th</sup> Street:**

- \* HVAC and piping insulation within the D/S Building;
- \* Hot water piping insulation in Building F - Transportation Shop;
- \* Floor tile and mastic Building F - Transportation Shop – Break Room;
- \* Mastic under floor tile - second floor of Building I – Warehouse; and
- \* Pre-Fab Shop linoleum on restroom floor.

**Energy Management Center:**

- \* Arc chutes on some circuit-breakers.

**Substations:**

- \* Rancho Seco switchyard building in floor tile and mastic
- \* Arc chutes on some breakers – potentially all substations
- \* Elverta and Hurley in floor tile and adhesive and presumed asbestos containing materials (PACM) in all substations;
- \* Elverta ceiling tile and mastic and PACM in all substations;
- \* Mid-city sub in pipe insulation and PACM in all substations;
- \* Hedge sub station floor tile and mastic and PACM in all substations
- \* Manholes, switchboards, control and protection panels - Wire insulation in all substations;
- \* Some bus bar filler material in all substations;
- \* North city - transite on roof and inside walls and PACM in all substations;
- \* Outer paint cover on oil filled pipe from North City to Station A.
- \* All substations, build prior to 1981, may contain asbestos containing floor tile

**Fresh Pond:**

- \* Floor tiles and mastic
- \* Transite panel – east side of north end bldg. exterior
- \* Spray-on mastic finish, overhead above sidewalk of Adm. Bldg near front offices

**Camp Far West**

- \* Pipe insulation on cooling water pipe
- \* Pipe insulation on mezzanine level behind battery room insulation

**Loon Lake**

- \* Diesel generator exhaust piping
- \* Insulation on HVAC duct
- \* Black & White pipe wrap material
- \* Fire-stop sealant on electrical cables
- \* Bus work barrier - Transformer

**Union Valley**

- \* Pipe insulation
- \* Bus bar bolt filler material
- \* Fire-stop sealant on electrical cables
- \* White material in PCB500

**Jaybird**

- \* Wiring insulation
- \* Pipe insulation
- \* Fire-stop sealant on electrical cables

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Fresh Pond (continued):

White Rock

- \* Fire-stop sealant on electrical cables
- \* Arc chutes in breakers
- \* Black pipe wrap material

Camino

- \* Handle insulation
- \* Bus bar bolt filler material
- \* Fire-stop sealant on electrical cables
- \* Breaker #310 arc chutes
- \* Breaker #320 arc chutes

Slab Creek Gate House

- \* Fixed wheel gate wrap

Jones Fork

- \* Brake shoes

Ice House

- \* Gray Roofing fish water valve house

Robbs Peak

- \* Bus bar bolt filler material
- \* Fire-stop sealant on electrical cables
- \* Serpentine road rock at valve house
- \* Arc chutes/breakers

Rancho Seco:

- \* Some cable, wire coverings in the Turbine Building and yard areas
- \* NSEB, Other Buildings, until tested
- \* Fire-stop material in the Auxiliary and Turbine Buildings

**\*SPECIAL NOTICE\***

*Attention all employees assigned work at military bases (active or inactive) within the SMUD service area. Prior to performing any work, precautionary measures shall be taken to prevent possible exposure to asbestos fibers. The use of asbestos containing building materials (i.e., wall board, ceilings, floor tile, sprayed-on acoustical ceilings, mastics, roofing materials, insulation or other building materials) is presumed to contain asbestos until confirmed by an accredited NVLAP analytical laboratory. If you encounter building materials that need to be removed prior to performing your work, please contact Safety Services at 916 732-5253 to have a Safety Specialist obtain samples of the materials and have them analyzed properly.*

**POTENTIAL HEALTH RISKS OF ASBESTOS EXPOSURE:**

Asbestos becomes a health hazard only when fibers are released into the air where they may be inhaled or ingested. Asbestos does not present a hazard if it is not disturbed, if it is properly covered, or if the fibers are bound, as in floor tiles or "transite" boards.

Certain risk factors are relevant to the development of asbestos-related diseases, such as: the number, concentration and size of the asbestos fibers inhaled or ingested; the duration of the exposure and the length of time since exposure and susceptibility to disease development. If not properly controlled, asbestos may cause scarring of lung tissue (called asbestosis), cancer of the chest cavity lining (called mesothelioma), or lung cancer. Studies show the relationship between asbestos exposure and disease development has involved groups of workers who were heavily exposed to asbestos in occupational activities; that an extremely low incidence of disease is expected in populations with low levels of exposure; and that asbestos concentrations in buildings with asbestos might not differ significantly from concentrations found in the outside air in many urban environments. Although exact risk assessment is difficult, experts are in agreement that exposure to airborne asbestos fibers should be minimized to the lowest feasible levels.

**DO NOT DISTURB THE ASBESTOS:**

Moving, drilling, boring, sanding or otherwise disturbing any asbestos-containing materials or PACM may present a health risk and, consequently, shall not be attempted by anyone who is not qualified, equipped to handle asbestos, or does not have a valid Asbestos Work Permit from Safety Services. Should you become aware that asbestos materials have been disturbed or if you have questions, please call John Larsen, Facilities Manager (916) 732-6380 or David Payette, Safety Services at (916) 732-6332.

/s/ John Larsen \_\_\_\_\_ Date: January 14, 2019  
John Larsen, Facilities Manager  
Facilities Management

/s/ David Payette \_\_\_\_\_ Date: January 14, 2019  
Dave Payette, CIH, CSP  
Occupational Health Program Manager  
Safety Services

**SACRAMENTO MUNICIPAL UTILITY DISTRICT  
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**DESIGNATION OF PRIME CONTRACTOR, SUBCONTRACTORS AND  
SUPPLIERS**