



DEPARTMENT OF PUBLIC WORKS

Request for Bid:

Roof Replacements at Antioch Water Park and Water Treatment Plant

BID NO. 770-1130-22A

City of Antioch
Operation & Maintenance Division
1201 W. Fourth St
Antioch CA, 94509

Release Date: November 2, 2022

Mandatory Pre-Bid Meeting: November 9th, 2022 @ 10:00 A.M.

Bids Due: November 30, 2022 by 2:00 P.M.

I. GENERAL CONDITIONS

- 1. General Information** - The Public Works Department of the City of Antioch, California, will receive bid responses located at the City Clerk's Office at City Hall, 200 H St, 3rd Floor, Antioch, CA 94509 on **November 30, 2022 until 2:00PM**. Questions relating to specifications or technical questions must be submitted via email to Carlos Zepeda at czepeda@antiochca.gov. Contractors are **NOT** to pursue City staff by telephone or in person.
- 2. Form of Bid** - The Bid shall be made on the attached Bid forms. If the form is deemed inadequate, additional information may be submitted with the Bid, via an attachment of catalogs, drawings, photographs, or a letter. Letters repeating prices and details from the City's specifications must be omitted. Bids shall be made only on the designated form, properly executed, and enclosed in a sealed envelope bearing the name of the vendor, the Bid number, due date, and Bid title. Forms are available and may be secured by prospective vendors at the Department of Public Works at 1201 W. 4th Street, Antioch, CA 94509. Bids shall be written in ink, computer generated, or by typewriter. Mistakes may be crossed out and corrections inserted adjacent thereto and must be initialed in ink by the person signing the Bid. Bids are to be verified before submission as they cannot be corrected or altered or signed after Bids are opened.
- 3. Interpretation of Bids** - Should a vendor find discrepancies in, or omissions from the specifications, or should vendor be in doubt as to their true meaning, vendor shall submit a formal request to the Public Works Department for an interpretation thereof prior to the Bid opening to the attention of Carlos Zepeda at czepeda@antiochca.gov. The person submitting the request shall be responsible for its prompt delivery. Any interpretation of, or change in the bid documents will be made only by an addendum published on the City's website and shall become part of any contract awarded. The City will not be responsible for any other explanation or interpretations. **Technical questions or requests shall be submitted no later than November 16, 2022 and will be answered by November 18, 2022.**
- 4. Addenda** - Any addenda issued by the City during the time of request shall be covered in the Bid and shall be made a part of the contract.
- 5. Bid Opening** - Bids shall be delivered to the City Clerk's Office located at City Hall, 200 "H" St, 3rd Fl, Antioch, CA 94509 on or before the day and hour set for the opening of Bids. A contractor may withdraw their Bid, either personally or by written request, at any time prior to the scheduled time for opening of Bids.
- 6. Late Bids** - Any Bids received after the scheduled time of opening will be clocked in but will not be opened or considered.
- 7. No Bid** - If a bid is not made, the bid form must be returned and the reason for not bidding stated; otherwise, the vendor's name will be removed from the bidders list. If a bid is submitted without an amount, it will not be considered.
- 8. Award or Rejection** - The Bid will be awarded to the lowest responsive and responsible bidder offering the lowest price to the City and will be announced by way of publishing to the City's website ([Bid Documents](#)).

The City reserves the right to reject any or all bids, to accept or reject any one or more items of a bid, or to waive any minor irregularities or informalities in the bid. It is anticipated that all items will be purchased, however the City reserves the right to change quantities prior to the award.

If within the past two years, a contractor has had a contract terminated early by the City of Antioch then contractor is disqualified from submitting Bids on any future projects for a two-year period from the date of termination.

- 9. Insurance Requirements** - Proposers acknowledge the City's insurance requirements as detailed in Attachment "B". Exceptions to City insurance requirements will not be made. Any Proposer unable to meet the insurance requirements at the time of the Bid Due date, as detailed, shall not be eligible for selection or award of contract.
- 10. Surety Bonds** – Contractor is required to provide the following surety bonds from an admitted and authorized surety in California. See attachment "C" for reference.
- Performance Bond
 - Payment Bond
- 11. Prevailing Wage** - Where labor is required for public work as part of this contract, pursuant to the provisions of the Labor Code of the State of California, contractors shall pay no less than the minimum wages established by the Director of the Department of Industrial Relations of the State of California. **It shall be required that the contractor's DIR# be written on the sealed, Bid package for verification purposes. If no DIR# is stated, the submitted Bid package will not be reviewed.**

To the extent applicable, Contractor shall comply with the requirements of the California Labor Code including but not limited to hours of labor, nondiscrimination, payroll records, apprentices, workers' compensation, and prevailing wages.

No less than the general prevailing rate of per diem wages, and not less than the general prevailing rate of per diem wages for holidays and overtime work, for each craft, classification or type of worker needed to execute the work under this Agreement shall be paid to all workers, laborers and mechanics employed in the execution of the work by the Contractor or any subcontractor doing or contracting to do any part of the work. The appropriate determination of the Director of the California Department of Industrial Relations shall be filed with, and available for inspection, at the City offices. Contractor shall post, at each job site, a copy of the prevailing rate of per diem wages. The Contractor shall forfeit fifty dollars (\$50.00) for each calendar day or portion thereof for each worker paid less than the stipulated prevailing rates for any public work done under the Agreement by it or by any subcontractor under Contractor.

The City reserves the right to request and review the contractor's payroll records in the form of certified payroll records. In the event certified payroll records are requested, they are to be submitted via email to czepeda@antiochca.gov. Furthermore, Contractor is to submit two sets: one complete and one redacted of private information [On the second copy the name, address and social security number of the individual employees must be redacted (blacked out).]

- 12. Terms and Conditions** - The bidder shall not change the wording on the specifications or conditions. No words or comments shall be added to the general conditions or detailed specifications. Any explanation or alternative offered shall be set forth in a letter attached to the front cover of the specifications. Alternatives which do not substantially comply with the City's specifications cannot be considered. Conditional bids cannot be accepted.
- 13. Payment Terms** - Must be indicated by filling in the proper blanks on the bid form. Cash discounts of less than 20 days will be considered net. The standard terms at the City of Antioch are Net 30 days.

- 14. Brand Names** - The make or brand and grade of the article on which the bid is submitted should be stated on the bid form.
- 15. FOB Point** - It is understood that the bidder agrees to deliver FOB (Freight on Board) Destination, with no freight charges to the City. All costs for packing, delivery, drayage, postage, freight, express, or for any other purpose are to be borne by the bidder.
- 16. Approved Equal** – Brand names and numbers, when used, are for reference to indicate the character or quality desired. The use of the name of a manufacturer, or any special brand or make, in describing any item in the bid documents does not restrict bidders to that manufacturer or specific article. An equal of the named product will be given due consideration if literature is submitted with the bid showing that the product is of equal or better quality and utility to that specified by the City. Determination of acceptability of any product shall be solely at the City's discretion.
- 17. Tax** - No bid shall include federal excise tax, in as much as the City is exempt per published IRS regulations concerning state/local governments. The City is obligated to pay applicable state sales or use taxes.
- 18. Appeals** - Any actual or prospective bidder, or contractor that has a grievance in connection with any City solicitation or award of contract may protest in writing pursuant to the provisions in Antioch Municipal Code section 3-4.03. Protestors are urged to seek resolution of their complaints initially with the using department.
- 19. Contract Documents** - The work embraced herein shall be performed at the locations covered in this bid and in accordance with the current Standard Specifications of the State of California, Business and Transportation Agency, Department of Transportation. In addition to the State Specifications, the following will also apply: these Specifications; the Bid; the Contract, required herein; any supplemental agreements amending or extending the work; working drawings or sketches clarifying or enlarging upon the work specified herein; and to pertinent portions of other documents included by reference thereto in these Specifications.
- The Successful bidder shall be expected to agree to and comply with all terms addressed in the attached Sample Maintenance Services Agreement. The bidder shall not change the wording in the attached specifications or conditions. No words or comments shall be added to the general conditions or detailed specifications. Conditional bids cannot be accepted.
- 20. Business License** – The City of Antioch requires that any contractor doing business within the city limits must hold a valid City of Antioch Business License prior to merchandise delivery (by vendor) or services provided.
- 21. Governing Law** - This contract shall be construed and interpreted according to the laws of the State of California with venue for any action under this Agreement in Contra Costa County, California.
- 22. Liabilities** - Contractor shall indemnify, save and hold harmless from and defend the City, its officers, agents and employees, against any and all claims, costs, demands, causes of action, suits, losses, expense or liability arising from, or alleged to have arisen, from any acts or omissions of Contractor, its agents, sub-contractors,

officials or employees, in connection with the execution of the work covered by this Agreement, as it may be amended, except for the sole negligence or willful misconduct of City. This indemnification includes any claim that the materials or equipment provided under this Agreement, or any tool, article or process used in manufacture of such tools or equipment, constitutes an infringement of any patent issued by the United States. This entire indemnification provision shall survive termination or cancellation of this Agreement.

23. Right to Audit - The City of Antioch reserves the right to verify, by examination of vendors' records, all invoiced amounts when firm prices are not set forth in the purchase agreement.

24. Liquidated Damages - If delivery does not occur on schedule, it is understood that the City will suffer damage. It being impractical and infeasible to determine the amount of actual damage, it is agreed that the contractor shall pay to the City the sum of five hundred (\$500.00) dollars per day for each and every calendar days delay in finishing the contract.

25. Warranty - Terms of any warranty offered by the manufacturer or the bidder shall be included with the bid. Contractor warrants all work done and goods provided under this Agreement shall at the minimum: a) meet all conditions of the Agreement; b) shall be free from all defects in design, material and workmanship; and 3) shall be fit for the purposes intended. If any defects occur within said **warranty period**, Contractor shall be solely responsible for the correction of those defects.

26. Key Dates and Information –

RFP Release Date:	November 2, 2022
Title:	Roof Replacements at Antioch Water Park and Water Treatment Plant
Mandatory Pre-Bid Meeting: Site visits	November 9th, 2022 at 10:00 a.m.
Address for Pre-Bid Meeting:	Antioch Water Park 4701 Lone Tree Way Antioch, CA 94531
Deadline for written questions/clarifications:	November 16, 2022 at 2:00 p.m.
Response to Written Questions:	November 18, 2022 at 4:00 p.m.
<i>Bid Due Date and Time:</i>	<i>November 30, 2022 by 2:00 p.m.</i>
Submittal:	One original, with ink signatures, and one copy of the response to this Request for Bid (RFB) must be sealed and must clearly display the Bidder's business name, Bid No. and DIR Number.
Contract Manager:	Carlos Zepeda Deputy Public Works Director
Email Address:	czepeda@antiochca.gov
Address for Bid Submittals and Opening	City of Antioch – City Hall City Clerk's Office 200 H St, 3rd Floor Antioch, CA 94509

II. SPECIFICATIONS

The City of Antioch is seeking Bids from a California State Licensed contractor with a Class A and/or C39 license, for the replacement of 5 (Five) City of Antioch facility roofs at various City facilities. Contractor will provide full-service roof repair services administering the duties and responsibilities set forth in this Request for Bid ("RFB"), in compliance with all applicable laws, regulations, policies and procedures. Firms submitting Bids must be prepared to immediately enter into a contract ("Agreement") for the services and duties as set forth in this RFB. Contractor must submit data on all line items in the Bid submittal worksheets. By submitting a bid for this work, a firm agrees to comply with all terms and conditions outlined in the *Example Maintenance Service Agreement*, "Attachment A".

Any work or assigned duties that are not performed to our standards and/or contractual agreement may result in delay, reduction, or discount at the contractor's expense. The judgment for reduced payment or discount shall be at the City's sole discretion. In addition, the City may move to the next lowest responsible bidder if the City is not happy with the services or communication supplied by the contractor. All complaints about services rendered will be processed by the Deputy Public Works Director or designee/s.

- i. **TERM OF SERVICE:** Contractor must complete all work within **thirty-five (35) working days**, Monday – Friday following a commencement of work. Liquidated Damages will be applied if project is not completed within the allotted time frame.
- ii. **WORK HOURS:**
City Facility business hours are:
 - Water Park Office is open 9:00am to 5:00pm Monday Through Friday in the winter season.
 - Water Treatment Plant is open 7:00am to 3:00pm Monday through Friday.
- iii. **EMERGENCY SITUATIONS:** For medical or public safety emergencies occurring at the Facilities call 9- 1-1. For all building maintenance emergencies (water leaks, etc.) contact the Facilities Supervisor or designated staff to report the issue immediately (24-hours/day).
- iv. **PAYMENTS AND INVOICING:** Will be net 30, or within 15 days if terms include discount. With each request for payment, invoices must reference purchase order number, date of service and description of services. Invoices are to be sent via email to czepeda@antuiochca.gov.
- v. **WARRANTY** Upon completion of the work, provide the Manufacturer's written and signed NDL Warranty, warranting that, if a leak develops in the roof during the term of this warranty, due either to defective material or defective workmanship by the installing contractor, the manufacturer shall provide the Owner, at the Manufacturer's expense, with the labor and material necessary to return the defective area to a watertight condition.

Roof Warranty Period:

- 30 years from date of acceptance.
- Manufacturer's warranty shall be a total systems warranty including built up bituminous cap membrane, sheet metal flashings and gutters. The same company shall manufacture/supply/guarantee the modified cap/base membrane, acrylic and urethane coatings sheet metal flashings and gutters. This composite warranty shall provide the district with a single source of liability by guaranteeing these components of the waterproofing systems against leaks for a period of 30 years.
- Contractor will submit a minimum of a 5-year warranty to the membrane manufacturer with a copy directly to the City.

Final Details

- Remove all debris and leftover material from property.

- Schedule with City staff a final inspection of work completed.
- **Obtain a final signoff on the building permit.**
- Provide detail documentation of work completed and warranty information. Roof Warranty must be for a minimum of 30 years. All documents required to be filled out by product manufacturer are the responsibility of the contractor.

SCOPE OF WORK

Roof Replacements– Base Bid

LIST OF ROOFS TO BE REPLACED

- Antioch Water Park – Roof Only Building #1
- Water Treatment Plant – Roof Only Building # 1, 6, 7 and 10

Services to be performed include the furnishing of all labor, materials, tools, equipment, supplies, services, tasks, and incidental and customary work necessary to competently perform the roof replacements at City facilities including. All warranties shall be in force for their full-term including roof jacks, valley flashing, fascia gutters and ridge vent systems.

The price quoted shall include compliance with all specifications listed below, and meet the following guidelines:

Antioch Water Treatment Plant: Chlorine/Flouride & Plant B – 401 Putnam St

(Building # 1, 6 and 7 on map)

1. Remove existing roof to the structural deck.
2. Install 5" rigid polyiso set in insulock adhesive (**Only for Building #1**)
3. Installation of Crickets behind HVAC units sloped to ensure proper drainage
4. Installation of 1/2" rigid insulation, set in insulation adhesive.
5. Installation of SBS/SIS modified base sheet in Type IV hot asphalt.
6. Installation of SBS/SIS modified cap membrane in Type IV hot asphalt.
7. Installation of two ply modified base flashings set in hot asphalt.
8. Application of two coats Title 24 approved white roof acrylic hybrid.
9. Replacement of all remaining exposed wood blocks with neoprene rubber blocks to provide max 5' OC spacing.
10. Reuse of all existing neoprene rubber blocks.
11. Installation of 24-gauge Kynar coated skirt metal around perimeter coping, existing railing system and metal to remain in place.
12. Installation of new 24-gauge Kynar Coated edge metal.
13. Reuse all downspouts.
14. Installation of 4 lb. lead jacks at all pipe penetrations.
15. Reuse of exhaust fan covers.
16. Flashings, details, clean up, etc.

Antioch Water Treatment Plant Concrete Deck Coating – 401 Putnam St

(Building # 10 on map)

1. Bead blast entire surface.
2. Repair any surface cracks or void larger than 1/8" with structural adhesive GreenLock sealant XL.
3. Reinforce all seams and joints with polyester reinforced butyl tape.
4. Install Durawalk epoxy primer at ¼ gallon per 100sqft.
5. Install Base Coat two-part polyurea Liquitec over entire surface at 2.5gallons per 100sq.ft.
6. Install Top Coat two part polyurea Liquitec over entire surface at 2.5gallons per 100sq.ft.



Antioch Water Park – 4701 Lone Tree Way

(Building # 1 on map)

1. Remove existing roof to the structural deck
2. Installation of Crickets behind HVAC units sloped to ensure proper drainage
3. Installation of 1/2" rigid insulation, set in insulation adhesive.
4. Installation of SBS/SIS modified base sheet in Type IV hot asphalt.
5. Installation of SBS/SIS modified cap membrane in Type IV hot asphalt.
6. Installation of two ply modified base flashings set in hot asphalt.
7. Application of two coats Title 24 approved white roof acrylic hybrid.
8. Replacement of all remaining exposed wood blocks with neoprene rubber blocks to provide max 5' OC spacing.
9. Reuse of all existing neoprene rubber blocks.
10. Installation of new 24-gauge Kynar Coated skirt metal around perimeter coping, existing railing system and metal to remain in place.
11. Installation of new 24-gauge Kynar Coated edge metal.
12. Reuse all downspouts.
13. Installation of 4 lb. lead jacks at all pipe penetrations.
14. Reuse of exhaust fan covers.
15. Flashings, details, clean up, etc.



1. SUBMITTALS

- a. Provide the following to the Owner prior to award of roofing work.
 - i. Written certification from the roofing system manufacturer corporate officer certifying that the applicator is currently approved for installation of the specified roofing system.
 - ii. Descriptive product data including MSD sheets.
 - iii. Certification of Class A roof system.
 - iv. Sample copy of contractor's workmanship warranty.
 - v. Sample copy of specified Manufacturer's warranty.
 - vi. Sample copy of Manufacturer's Architectural indemnification Agreement.
- b. TEST REPORTS: Submit copies of the bitumen manufacturer's test reports of the following information for each batch of bitumen furnished:
 - i. Softening Point: ASTM D36.
 - ii. Flashpoint: ASTM D92.
 - iii. Acceptable Bitumen Temperatures: As recommended by the bitumen manufacturer and label EVT on containers. Furnish to the Architect two hand held, "8F" thermometers per ASTM E1 for kettle temperature checking. Keep thermometers at the site and accessible at all times. Provide kettle with operating thermometer, keep thermometer clean of bitumen.
- c. PRODUCT DATA: Submit brochures containing material samples, SDS, schedules, charts, literature, and illustrations to indicate the performance, fabrication procedures, product variations, and accessories.
 - i. Within four (4) weeks of award of contract, submit:
 - 1. Minimum of two (2) samples of each sheet material and descriptive literature.
 - 2. Manufacturer's specifications and other independent test data according to ASTM designation D-5147-91 "Standard Test Methods for Sampling and Testing Modified Bituminous Sheet Material" needed to prove compliance with specified requirements.
 - 3. All other data and information to satisfy requirements of manufacturer on warranty needs.
 - 4. A written statement from the roofing materials manufacturers corporate officer approving the installer and stating the intent to guarantee the completed project as specified.
 - 5. Samples of proposed warranty complete with any addenda necessary to meet the warranty requirements as specified.
 - 6. Certified copy of ISO 9001 compliance.
- d. SHOP DRAWINGS: Indicate size and materials. Show locations and installation procedures. Include details of joints, attachments, fastening patterns, and clearances. Submit 1 electronic original and retain approved copies at the Site.
- e. MAINTENANCE PROCEDURES: Upon substantial completion of the project, deliver to Owner three (3) copies of manufacturer's printed instructions regarding care and maintenance of roof.
- f. Wind uplift calculation: roofing system manufacturer's engineering department shall provide a ASCE 7-10 calculation per CBC, Chapter 15. Calculations shall be stamped by a CA licensed structural engineer. Calculation shall diagrammatically show fastening pattern for insulation attachment.
- g. Plumbing calculation: roofing system manufacturer's engineering department shall provide a primary drain and overflow drain or overflow scupper calculation per CBC, Chapter 11. Calculations shall be stamped by a CA licensed mechanical engineer.
- h. Structural wind load calculation: underlayment manufacturer's engineering department shall provide a ASCE 7-10 calculation per CBC, Chapter 16. Calculations shall be stamped by a CA licensed structural engineer. Calculation shall diagrammatically show fastening pattern for structural deck attachment.
 - i. Manufacturer shall provide onsite verification structural deck meets loading requirements after roof have been removed.

- i. Litigation and settlements: provide a notarized statement from a corporate officer stating roofing system manufacturer has not settled litigation or paid fines to a public agency in excess of \$20 million dollars.
- j. Inspection Reports: Written certification from the roofing system manufacturer corporate officer certifying that the manufacturer will provide a minimum of three job site inspections per week and provide a detailed report including pictures to architect or owner.

2. QUALITY ASSURANCE

- a. Manufacturer Qualifications: Roofing system manufacturer shall have a minimum of 10 year's experience in manufacturing modified bitumen roofing products in the United States and be ISO 9001 certified.
- b. Installer Qualifications: Installer (Roofing) shall be specializing in modified bituminous roof application with minimum 5 years' experience and who is certified by the roofing system manufacturer (The Garland Company, Inc.) as qualified to install manufacturer's roofing materials.
 - i. Installer shall be California C-39 licensed.
 - ii. Install shall have an office with 75 miles of the District office in order to provide prompt leak response during contractor warranty period.
- c. Regulatory Requirements:
 - i. Classification by Underwriters' Laboratories, Inc. as a Class A roof covering.
 - ii. Roofing system shall be installed in accordance with ASCE-7 wind uplift requirements for geographical location and a 120 MPH 3-second gust wind speed zone with an importance factor of 1.15 based on IBC requirements. Wind- resistance loads listed below have a safety factor of 2.0 incorporated into the calculation.
 - iii. Follow local, state, and federal regulations of safety standards and codes. Refer to applicable building code or International Building Code for roofing system installation requirements and limitations.
- d. Installer's Field Supervision: Require Installer to maintain a full-time Supervisor/Forman on job site during all phases of modified bituminous sheet roofing work and at any time roofing work is in progress, proper supervision of workmen shall be maintained. A copy of the specification shall be in the possession of the Supervisor/Foremen and on the roof at all times.
- e. It shall be the Contractor's responsibility to respond immediately to correction of roof leakage during construction.
- f. Disqualification of Bidders: A bidder can be disqualified by the Architect or Owner for any of the following reasons, but not limited to:
 - i. The failure to attend the Pre-Bid conference at the time and place so described under Bidding Dates.
 - ii. Incorrect use of the "Proposal" as provided by the Architect/Owner. Any changes in said format shall be accepted by the Architect/Owner only when requested and approved in writing prior to the bid opening. Changes in the Proposal after the opening of the bids will not be accepted.
 - iii. Lack of proficiency as shown by past work or incomplete work under other contracts which, in the judgement of the Architect/Owner might hinder or prevent the prompt completion of additional work if so awarded or any involvement in any legal actions which relate to past or present performance. This includes, but is not limited to lawsuits, court appointed actions, and/or ongoing litigation.
- g. Pre-installation Roofing Conference: Approximately 2 weeks before scheduled of commencement modified bitumen sheet roof system and associated work, meet at Project site with Installer, installer of each component of associated work, installers of deck or substrate construction to receive roofing work, installers of rooftop units and other work in the around roofing that must precede or follow roofing work (including mechanical work if any), Architect/Owner, roofing system manufacturer's representative, and other representatives

directly concerned with performance of the Work, including (where applicable) Owner's insurers, test agencies, and governing authorities. Objectives to include:

- i. Review foreseeable methods and procedures related to roofing work. Tour representative areas of roofing substrates (decks), inspect and discuss condition of substrate, roof drains, curbs, penetrations, and other preparatory work performed by other trades.
- ii. Review structural loading limitations of deck and inspect deck for loss of flatness and for required attachment.
- iii. Review roofing systems requirements (drawings, specifications, and other contract documents).
- iv. Review required submittals, both completed and yet to be completed.
- v. Review and finalize construction schedule related to roofing work and verify availability of materials, Installer's personnel, equipment, and facilities needed to make progress and avoid delays.
- vi. Review required inspection, testing, certifying, and material usage accounting procedures.
- vii. Review weather and forecasted weather conditions and procedures for coping with unfavorable conditions, including possibility of temporary roofing (if not a mandatory requirement).
- viii. Record (contractor) discussion of conference, including decisions and agreements (or disagreements) reached, and furnish copy of record to each party attending. If substantial disagreements exist at conclusion of conference, determine how disagreements will be resolved and set date for reconvening conference.
- ix. Review notification procedures for weather or non-working days.

3. DELIVERY, STORAGE AND HANDLING

- a. Deliver products to site with seals and labels intact, in manufacturer's original containers, dry and undamaged.
- b. Store and handle roofing sheets in a dry, well-ventilated, weather-tight place to ensure no possibility of significant moisture exposure. Store rolls of felt and other sheet materials on pallets or another raised surface. Stand all roll materials on end. Cover roll goods with a canvas tarpaulin or other breathable material (not polyethylene).
- c. Do not leave unused rolled goods on the roof overnight or when roofing work is not in progress unless protected from weather and other moisture sources.
- d. Handle and store materials or equipment in a manner to avoid significant or permanent deflection of deck.

4. MANUFACTURER'S INSPECTIONS

- a. When the project is in progress, the Roofing System Manufacturer will provide the following:
 - i. Keep the Architect informed as to the progress and quality the work as observed.
 - ii. Provide job site inspections minimum three days per week by a full-time employee of the manufacturer.
 - iii. Report to the Architect in writing, any failure or refusal of the Contractor to correct unacceptable practices called to the Contractor's attention.
 - iv. Confirm, after completion of the project and based on manufacturer's observations and tests, that manufacturer has observed no applications procedures in conflict with the specifications other than those that may have been previously reported and corrected.

5. PROJECT CONDITIONS

- a. Weather Condition Limitations: Do not apply roofing membrane during inclement weather or when a 30% chance of precipitation is expected.
- b. Do not apply roofing insulation or membrane to damp deck surface.

- c. Do not expose materials vulnerable to water or sun damage in quantities greater than can be weatherproofed during same day.
- d. Proceed with roofing work only when existing and forecasted weather conditions will permit unit of work to be installed in accordance with manufacturer's recommendations and warranty requirements.

6. SEQUENCING AND SCHEDULING

- a. Sequence installation of modified bituminous sheet roofing with related units of work specified in other sections to ensure that roof assemblies, including roof accessories, flashing, trim, and joint sealers, are protected against damage from effects of weather, corrosion, and adjacent construction activity.
- b. All work must be fully completed on each day. Phased construction will not be accepted.

7. WARRANTY

- a. Membrane Manufacturer upon completion of installation, and acceptance by the Owner and Architect, the manufacturer will supply to the Owner the Thirty (30) Year "No Dollar Limit" watertight warranty.
 - i. Warranty shall cover the calculated wind speed.
 - ii. Warranty shall be sole source warranty for modified bitumen, metal roofing, metal wall panels, edge metal, roof insulation and penetration flashing material.
- b. Contractor will submit a minimum of a 5-year warranty to the membrane manufacturer with a copy directly to Owner.
- c. Membrane manufacturer will provide an annual inspection at the annual request of the owner for the life of the warranty.

PRODUCTS

1. GENERAL

- a. When a particular trade name or performance standard is specified, it shall be indicative of a standard required.
 - i. Design is based on StressPly, manufactured by Garland Co.
 - ii. Pre-approved equal as noted below.
- b. Provide products as specified. Prime bidding contractors proposing substitutes shall submit all required submittal information under 07 53 60, PART 1, 1.4 to The Owner's representative at least 10 days prior to bid due date. All substitutions have to be approved prior to bidding. No substitutions will be accepted after bidding or contract award. All bidders will have an opportunity to bid on any substitute system that is approved. Substitution requests will not be accepted from anyone other than prime bidding contractors who have attended the prebid walkthrough.
- c. Any item or materials submitted as an alternate to the manufacturer specified must comply in all respects as to the quality and performance, including job site investigation of the brand name specified. The Owner shall be the sole judge as to whether or not an item submitted as an equal is truly equal. Should the contractor choose to submit on the equal basis, he shall assume all risk involved, monetary or otherwise, should the Owner find it unacceptable. The Contractor is warned to obtained prior approval at least ten days prior to bid date of any material not specified. The following must be included for materials submitted for substitutions: (five copies)
 - i. Complete data substantiating compliance of proposed substitution with Contract Documents.
 - ii. For products:

- a. Product identification, including manufacturer's literature and manufacturer's name and address.
- b. Current certificate from an accredited testing laboratory comparing the physical and performance attributes of the proposed material with those of the specified materials substantiating, SBS Rubber Content, Ash Content, Low Temperature Flexibility, Tensile Strength of finished membranes according to ASTM D-5147. Test results must be dated, notarized, and on testing laboratory stationary.
- c. A five-gallon sample of any adhesive, coating, mastic or sealant and a 3' X 5', sample of any sheeting goods as may be specified. Manufacturer's labels must be on containers, smaller containers may be submitted if manufacturer's labels are attached.
- d. Material Safety Data Sheets providing all pertinent data as to flammability, combustibility, toxicity, etc.
- e. List of at least five (5) local jobs within 50 miles, where the proposed alternate material was used under similar conditions. These jobs must be available for inspection by the Owner. Names, phone numbers, and a copy of manufacturer's warranty on each job are required for verification.
- f. Notarized statement from the Roofing System Manufacturer, signed by a corporate officer of the Corporation with the Corporate Seal affixed thereto stating in writing that:
 - All Bidding Documents have been inspected.
 - The project site has been inspected.
 - The roofing system manufacturer will provide field inspections a minimum of three times per week, on during, and until all construction work is completed and accepted by the Owner. Inspections shall be performed by a full-time employee of the manufacturer. These inspections shall be provided to the Owner at no charge.
 - Furnish the 30-year NDL "No Dollar Limit" warranty as stipulated in the Contract Documents. Warranty must cover calculated wind speed; warranty coverage cannot be provided by a third party.
- iii. For construction methods:
 - a. Detailed description of proposed method.
 - b. Drawings illustrating methods.
- iv. Itemized comparison of proposed substitution with product or method specified.
- v. Data related to changes in construction schedule.
- vi. Relation to separate contracts.
- d. In making request for substitution, Bidder / Contractor represents:
 - i. He has personally investigated proposed product or method, and determined that it is equal or superior in all respects to that specified.
 - ii. He will provide the same guarantee for substitution as for product or method specified.
 - iii. He will coordinate installation of accepted substitution in work, making such changes as may be required for work to be completed in all respects.
 - iv. He waives all claims for additional cost related to substitution which consequently become apparent.
 - v. Cost data is complete and includes all related cost under his contract or other contracts which may be affected by the substitution. He will reimburse the Owner for all redesign cost substitute may require.
- e. Substitutions will not be considered if:
 - i. Product or method to be considered does not have a minimum of ten (10) years of successful performance in roofing and reroofing applications in the United States.
 - ii. Any discrepancies in the test data, or if the tests or submittals are incomplete.
 - iii. They are indicated or implied on Shop Drawings or Project Data Submittals without formal request submitted in accordance with Paragraph 2.01.
 - iv. Acceptance will require substantial revision of Contract Documents.

2. BITUMINOUS MATERIALS

- a. Asphalt Roofing Mastic: V.O.C. compliant, ASTM D-2822, Type II. Flashing Bond by Garland or pre approved equal.
- b. Asphalt: Shall meet ASTM Specification D-312 Type IV.

3. SHEET MATERIALS

- a. Roofing Membranes
 - i. Modified Roof Membrane (Base Ply): 80 mil SBS (Styrene-Butadiene-Styrene) rubber modified roofing membrane with high strength, fiberglass reinforcement. Stressbase 80 by Garland, or pre-approved equal.
 - ii. Modified Roof Membrane (Finish Ply): urethane resin modified roof membrane reinforced with asphalt-coated glass fiberglass scrim, with granulated surface. Stressply Plus FR Mineral by Garland or preapproved equal.
 - iii. Finish Surfacing (CRRC): Single-component, urethane-dispersion liquid coating, Pyramic Plus LO by Garland, or pre-approved equal.
- b. Flashing Membrane: Two ply modified base flashing system.
 - i. Base Ply: 80 mil SBS (Styrene-Butadiene-Styrene) rubber modified roofing membrane with high strength, polyester/fiberglass reinforcement. Stressbase 80 by Garland, or pre-approved equal.
 - ii. Finish Ply: Urethane resin modified roof membrane reinforced with asphalt- coated glass Fiberglass scrim with granulated surface. Stressply Plus FR Mineral by Garland or pre-approved equal.
 - iii. Finish Surfacing (CRRC): Single-component, urethane liquid coating, Pyramic Plus LO by Garland, or pre-approved equal.

4. INSULATION

- a. Asphalt roof Protection Board: Premolded Gypsum Fiber board 1/2 inch thickness.
 - i. ½" USG Secure Rock by Commercial Innovations or approved equal.

5. RELATED MATERIALS

- a. Fiber Cant and Tapered Edge Strips: Performed rigid insulation units of sizes / shapes indicated, matching insulation board or of perlite or organic fiberboard, as per the approved manufacturer.
- b. Fasteners:
 - i. Shall be Factory Mutual approved and as recommended by the manufacturer for the specific application.
 - ii. Fastener for Brick: Shall be 1/4 inch x 2 inches, stainless steel nail, one piece unit, flat head, as manufactured by Rawl Zamac Nailin, or approved equal.
 - iii. Fastener for Wood: Shall be a #14 Factory Mutual approved fastener, fluorocarbon coated, with CR-10 coating. A minimum 0.200 inch diameter shank and 0.250 inch diameter thread. To be used with Factory Mutual approved, round pressure plates or bar, and having a fluorocarbon CR-10 coating, when subjected to 30 Kesternich cycles (DIN 50018) shows less than ten percent (10%) red rust which surpasses Factory Mutual Approval Standard 4470 as manufactured by Olympic Manufacturing Group, Inc., or pre-approved equal.
 - iv. Roofing Nails: Stainless steel, 316, type, size as required to suite application, minimum 11 gauge with 3/8 inch diameter head, minimum 11/2 inches in length.
 - v. Iron-Lok Toggle: Shall be a toggle bolt with minimum 0.215 inch diameter shank and minimum 20 threads per inch, with a 2-1/2 inch wing span, with wing activated adhesive and pressure plate, as manufactured by OMG or Tru-fast

- c. Metal Discs: Flat discs or caps of plastic sheet metal not lighter than 28 gauge and not less than 1-inch in diameter. Discs shall be formed to prevent dishing. Bell or cup- shaped caps are not acceptable.
- d. Pipe supports: Zinc Jacks by Commercial Innovation or Equal

EXECUTION

1. EXAMINATION

- a. Examine substrate surfaces to receive modified bitumen sheet roofing system and associated work and conditions under which roofing will be installed. Do not proceed with roofing until unsatisfactory conditions have been corrected in a manner acceptable to Installer.

2. GENERAL INSTALLATION REQUIREMENTS

- a. Cooperate with manufacturer, inspection and test agencies engaged or required to perform services in connection with installing modified bitumen sheet system.
- b. Insurance / Code Compliance: Where required, install and test modified bitumen sheet roofing system to comply with governing regulations and specified insurance requirements.
- c. Protect other work from spillage of modified bitumen roofing materials, and prevent liquid materials from entering or clogging drains and conductors. Replace or restore other work damaged by installations of modified bituminous sheet roofing system work.
- d. Coordinate installing roofing system components so that insulation and roofing plies are not exposed to precipitation or left exposed overnight. Provide cut-offs at end of each day's work to cover exposed ply sheets and insulation with two courses of #15 organic felt with joints and edges sealed with roofing cement. Remove cut-offs immediately before resuming work.
- e. Substrate Joint Penetrations: Prevent bitumen from penetrating substrate joints, entering building, or damaging roofing system components or adjacent building construction.
- f. Apply roofing materials as specified herein unless recommended otherwise by manufacturer's instructions. Keep roofing materials dry before and during application. Do not permit phased construction. Complete application of roofing plies, modified sheet and flashing in a continuous operation. Begin and apply only as much roofing in one day as can be completed that same day.
- g. Asphalt Bitumen Heating: Heat and apply bitumen according to EVT Method as recommended by NRCA. Do not raise temperature above minimum normal fluidholding temperature necessary to attain EVT (plus 5 °F at point of application) more than 1 hour prior to time of application. Determine flash point, finished blowing temperature, EVT, and fire-safe handling temperature of bitumen either by information from manufacturer or by suitable test. Do not exceed recommended temperature limits during bitumen heating. Do not heat to a temperature higher than 25° below flash point. Discard bitumen that has been held at temperature exceeding finishing blowing temperature (FBT) for more than 3 hours. Keep kettle lid closed except when adding bitumen.
- h. Bitumen; Mopping Weights: For interply mopping, apply bitumen at the rate of approximately 25lb of asphalt per roof square (plus or minus 25 percent on a total job average basis).

3. INSULATION INSTALLATION

- a. Wood decks shall be covered with a rosin sheet, prior to mechanically fastening insulation as follows:
 - i. Install in accordance with manufacturer's current published application instructions and stamped ASCE-7 wind uplift calculation. Submit perimeter, field and corner fastening patterns and cite all ASCE-7 data pertaining to the fastening pattern to the Architect for review.
 - ii. Mechanically attach base layers of thermal insulation and mop the cover board if thermal insulation is installed.
 - iii. If no thermal insulation to be installed mechanically attach cover board to structural deck.

4. STANDARD ROOFING SHEET INSTALLATION

- a. BASE PLY INSTALLATION
 - i. Install modified membrane in 25-30 lbs. per square of bitumen, shingled. Shingle in proper direction to shed water on each area of roof.
 - ii. Lap ply sheet ends eight inches. Stagger end laps twelve inches minimum.
 - iii. Extend plies two inches beyond top edges of cants at wall and projection bases.
 - iv. Install base flashing plies to all perimeter and projections details.
- b. MODIFIED MEMBRANE APPLICATION
 - i. The modified membrane shall then be solidly bonded to the base layers with specified asphalt at the rate of 35 lbs. per 100 square feet.
 - ii. The roll must push a puddle of asphalt in front of it with asphalt slightly visible at all side laps. Care should be taken to eliminate air entrapment under the membrane.
 - iii. Apply pressure to all seams to ensure that the laps are solidly bonded to substrate.
 - iv. Subsequent rolls of modified shall be installed across the roof as above with a minimum of 4" side laps and 8" end laps. The end laps shall be staggered. The modified membrane shall be laid in the same direction as the underlayers, but the laps shall not coincide with the laps of the base layers.
 - v. Apply asphalt no more than five feet ahead of each roll being embedded.
 - vi. Extend membrane 2" beyond top edge of all cants in full moppings of the specified asphalt as shown on the drawings.
 - vii. Broadcast minerals into the bleed out of asphalt while bitumen is still hot to achieve uniform color throughout.
 - viii. Coat entire roof with 1 gallon per sq. per coat. 2 coats.
- c. PLUMBING STACK
 - i. Minimum stack height is 8".
 - ii. Run base ply system over the roof. Seal the base of the stack with elastomer.
 - iii. Prime flange of new sleeve. Install properly sized sleeves set in a 1/4" bed of roof cement.
 - iv. Install base ply in bitumen.
 - v. Install stripping membrane in bitumen.
 - vi. Install modified roof membrane.
 - vii. Caulk the intersection of the membrane and the with elastomeric sealant.
 - viii. Turn sleeves a minimum of 1" down inside of stack.

5. FLASHING MEMBRANE INSTALLATION

- a. All curb, wall and parapet flashings shall be sealed with an application of mastic and mesh on a daily basis. No condition should exist that will permit moisture entering behind, around, or under the roof or flashing membrane.
- b. Prepare all masonry walls, penetrations and expansion joints to be flashed and where shown on the drawings, with asphalt primer at the rate of one gallon per 100 square feet. Allow primer to dry tack free.
 - i. At wood walls mechanically attach a Type II base sheet to wall.
- c. The two-ply modified flashing system will be used as the flashing membrane and will be adhered to the underlying substrate by heat fusing unless otherwise noted in these specifications and nailed off 8" O.C. at all vertical surfaces. All base flashing shall extend up wall or curb in the machine direction of the membrane.
- d. The entire sheet of flashing membrane must be solidly adhered to the substrate.
 - i. Install base flashing in hot and cap sheet in mastic.
- e. Counter flashing, cap flashings, expansion joints, and similar work to be coordinated with modified bitumen roofing work are specified in other sections.
- f. Roof accessories, miscellaneous sheet metal accessory items, including piping vents and other devices to be coordinated with modified bituminous roof system work are in other sections.

6. FLASHING AT WALLS AND PENETRATIONS

- a. Minimum flashing height is 8". Prime vertical wall at a rate of 100 square feet per gallon and allow to dry.
- b. Set cant in bitumen. Run all plies over cant a minimum of 2".
- c. Install bottom flashing ply covering wall or penetration with 6" on to field of roof. After all laps have been tested, and a complete positive bond has been achieved, the applicator shall heat the seam edge and trowel along the seam edge. Troweling shall continue until a sloped, beveled edge has been produced. All base flashing shall extend up wall or curb in the machine direction of the membrane.
- d. The second ply shall be modified top flashing ply installed over the bottom flashing ply and 9" on to field of roof in mastic. . After all laps have been tested, and a complete positive bond has been achieved, the applicator shall heat the seam edge and trowel along the seam edge. Troweling shall continue until a sloped, beveled edge has been produced. All base flashing shall extend up wall or curb in the machine direction of the membrane.
- e. Secure termination bar through flashing and into wall 8" O.C. and seal top edge to prepared surface with a three-course application of PVC mesh and asphaltic mastic.
- f. Coat base flashings after 30 days.

7. FIELD QUALITY CONTROL

- a. Testing:
 - i. Re-test until roof is shown to be watertight.
- b. Manufacturer Field Services: Provide three times weekly site inspection for a minimum of one (1) hour during active roofing operations by an experienced, full-time employee of the roofing manufacturer. Submit written reports weekly.

8. CLEANING

- a. Clean exposed sheet metal work at completion of installation. Remove grease and oil films, excess joint sealer, handling marks, and debris from installation, leaving the work clean and unmarked, free from dents, creases, waves, scratch marks, or other damage to the finish.
- b. Touch up minor abrasions and exposed fasteners with matching paint provided by panel manufacturer. Remove and replace panels that cannot be satisfactorily touched up.
 - i. No exposed sealant or visible raw metal.
- c. Sweep and remove chips, shavings, and dust from roof on a daily basis during installation period. Leave installed work clean, free from grease, finger marks and stains.
- d. Upon completion of installation, remove scraps and debris from project site.

9. PROTECTION

- a. Do not permit storage of materials or roof traffic on installed roof. Provide temporary walkways or planks as necessary to avoid damage to completed work. Protect roofing until completion of project.
- b. Touch-up, repair, or replace damaged roof panels or accessories before date of Substantial Completion.

10. OWNER SUPPLIED MATERIALS

- a. Contractor must include in their base bid any additional materials to complete the roofing project. Contractor must provide all labor to install owner supplied materials as part of their bid. All materials not specifically included in the owner supplied materials section will be the responsibility of the contractor to provide and install in compliance with scope of work. Freight charges of Owner supplied materials will be the responsibility of the Owner. Contractor must take delivery of materials, properly cover and store at jobsite or their shop. Contractor must be able to provide certification in writing from roof system manufacturer that the contractor is

- approved to install the specified roof system and provide all warranty requirements of the specifications.
- b. The owner shall procure and provide certain products for installation as shown and specified per Contract Documents.
- c. Note that this project includes the installation of owner-supplied material; the District has acquired roofing material through the CMAS (California Multiple Award Schedules) program.

11. OWNER'S RESPONSIBILITIES

- a. SUBMITTALS: Arrange for and deliver necessary shop drawings, product data and samples to Contractor.
- b. DELIVERY:
 - i. General: Arrange and pay for product delivery to site, in accordance with construction schedule.
 - ii. Bill of Materials: Deliver supplier's documentation to Contractor.
 - iii. Inspection: Inspect jointly with Contractor.
 - iv. Claims: Submit for transportation damage and replacement of otherwise damaged, defective, or missing items.
- c. GUARANTEES: Arrange for manufacturer's warranties, bonds, service, inspections, as required

12. CONTRACTOR'S RESPONSIBILITIES

- a. SUBMITTALS: Review shop drawings, product data and samples and submit to Architect with notification of any discrepancies or problems anticipated in use of product.
- b. DELIVERY:
 - i. General: Designate delivery date for each product in Progress Schedule.
 - ii. Receiving: Receive and unload products at site. Handle products at site, including uncrating and storage.
 - iii. Inspection: Promptly inspect products jointly with Owner; record shortages, damaged or defective items.
 - iv. Storage: Protect products from damage or exposure to elements.
- c. INSTALLATION:
 - i. General: Assemble, install, connect, adjust and finish products, as stipulated in the respective section of Specifications.
 - ii. Repair and Replacement: Items damaged during handling and installation are responsibility of contractor

d. The Owner, City of Antioch, will supply the following materials and quantities:

Base Bid:

1. 151 - StressPly Plus FR Mineral
2. 76 - Stressbase 80
3. 9 - Flashing Bond
4. 4 - Garmesh
5. 30 - Tuff Stuff Caulking
6. 2 - Pyramic Plus LO (55G)
7. 33 - Pyramic Plus LO (5G)
8. 4 - Liquitec
9. 3 - Unibond 6" Polyester
10. 15 - 24ga. Flat Stock Metal
11. 1 - Durawalk FC Primer

BID SUBMITTAL WORK SHEET - BID NO. 770-1130-22A**Cost Schedule to Replace Roofs**

Map #	Location Name	Lump Sum	EXCEPTIONS to specifications
1.	Antioch Water Park Building1	\$	
2.	Water Treatment Plant Building 1	\$	
2.	Water Treatment Plant Building 6	\$	
2.	Water Treatment Plant Building 7	\$	
2.	Water Treatment Plant Building 10	\$	

BID GRAND TOTAL \$ _____

(Include all labor, materials, tools, equipment, supplies, services, tasks, incidentals, and customary work necessary to competently perform the roof replacements.)

Written Bid Grand Total Amount: _____

Company Name: _____

Primary Contact: _____ Title: _____

Business Address: _____

City, State, Zip: _____

Telephone No.: _____ Fax No: _____

Email Address: _____

The Base Bid Total shall be a lump sum price and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals for doing all work involved to complete all roofing and siding repairs and conforming to the specifications of this bid package and as outlines in the Scope of Work section and Bid Submittal Worksheets.

This certifies that the prices in the bid include all work necessary to complete the job in full working order and that the contractor is approved for installation of materials manufactured by The Garland Company, Inc.

Company Name: _____

Primary Contact: _____ Title: _____

Authorized Signature: _____

LIST OF SUBCONTRACTORS**CITY OF ANTIOCH****Roof Replacements at Antioch Water Park and Water Treatment Plant****Bid No. 770-1130-22A**

The Contractor is required to furnish the following information in accordance with the provisions of Sections 4100 to 4114, inclusive, of the Public Contract Code of the State of California. This list and information shall include all subcontractors that will perform work, provide labor or render services to the Contractor in connection with the project in an amount in excess of one-half of one percent of the total amount of Contractor's Total Bid Price.

Do not list alternative subcontractors for the same work. Use additional sheets if necessary.

NAME OF SUBCONTRACTOR	LICENSE NUMBER	LOCATION OF/ PLACE OF BUSINESS	TYPE & PERCENTAGE OF WORK
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			



**ANTIOCH CONSTRUCTION AND
DEMOLITION DEBRIS RECYCLING
ORDINANCE
WASTE MANAGEMENT PLAN
(WMP)
Bid NO. 770-1130-22A**

Project No. _____

Initial WMP Approved _____

Final WMP Approved _____

Waived _____

Not Approved _____

Staff Initials: _____

For City use only

Antioch C&D Recycling Ordinance requires at least 65% diversion of job-site waste materials from the landfill materials from the landfill. More information about this ordinance can be found at

<https://www.antiochca.gov/environment/c-and-d/>. Contact our WMP staff at wastemgmtplan@ci.antioch.ca.us or by calling (925) 779-6176 if you need any assistance or have questions.

Please answer the following questions:

1.

Property Owner Name/Ph.#	
Job-site Address:	
Name of Project Manager:	
Project Name/Description:	
Contractor's Name/Address:	
Contractor's Phone Number:	
Cellular Phone Number:	
Fax Number:	
Email Address:	

2. Briefly state how materials will be sorted for recycling and/or salvage on the job site.

3. Will this project require the use of sub-contractors? Yes _____ No _____

4. If yes, briefly state how you plan to inform and ensure participation by the sub-contractors of your job-site recycling and waste management responsibility.

5. **Section I** (next page):

- o Identify the type of job-site waste materials to be recycled, salvaged or disposed of.
- o Identify how materials will be handled, who will haul materials and what facility materials will be going to.
- o Contractor and/or Property Owner must sign in the spaces provided prior to initial WMP approval.

6. **Section II** (next page):

- o Upon completion of project, fill this section out with supporting documentation such as: receipts, spreadsheets, etc...

CITY OF ANTIOCH
Roof Replacements at Antioch Water Park and Water Treatment Plant
Bid No. 770-1130-22A

WASTE ASSESSMENT

Section I. BEFORE START OF PROJECT: **Identify the materials that you estimate will be recycled, salvaged or land filled. Identify the handling procedure, hauler, and destination of each material type.**

Section II. UPON COMPLETION OF PROJECT: Indicate the material types and quantities recycled, salvaged or land-filled from this jobsite. Official weight tags must be submitted with this completed report identifying 1) job site address, 2) weight of load(s), 3) material type(s), and 4) if materials were recycled, salvaged, or disposed.

Material Type	Section I			Handling Procedure, Hauler, Final Destination of Materials	Section II			City use only Acceptable weight tag (staff initials)
	Identify Materials (✓)				Quantity of each material (by weight)			
	Recycle	Salvage	Landfill		Recycled	Salvaged	Land-filled	
Asphalt & Concrete								
Brick, Tile								
Building materials-doors, windows, fixtures, cabinets								
Cardboard								
Dirt/Clean Fill								
Drywall								
Carpet padding/ Foam								
Plate/window Glass								
Scrap Metals (steel, aluminum, brass, copper, etc.)								
Unpainted Wood & Pallets								
Yard Trimmings (brush, trees, stumps, etc.)								
Other:								
Garbage								

If less than 65% or no waste materials are targeted for recycling or salvage, please state why:

Contractor's Signature/Date

Property Owner's Signature/Date

CITY OF ANTIOCH
Roof Replacements at Antioch Water Park and Water Treatment Plant
Bid No. 770-1130-22A

The undersigned contractor declares that it has carefully examined the locations of the proposed work, plans and specifications, special provisions and read the accompanying instructions to contractors. The undersigned submitter certifies that he/she is, at the time of presenting this Bid, and shall be, throughout the length of the contract, licensed by the state of California to do the type of work required under the terms of the contract documents. Submitter further certifies that he/she is skilled and regularly engaged in the general class of work called for in the contract documents.

In accordance with the requirements, the submitter represents that he/she is competent, knowledgeable and has special skills on the nature, extent, and inherent conditions of the work to be performed. Submitter further acknowledges that there are certain peculiar and inherent conditions which may create, during maintenance operations, unusual or peculiar unsafe conditions hazardous to persons and property. Submitter acknowledges that he/she is aware of such risks and that he/she has the skill and experience to foresee and to adopt protective measures to perform the maintenance services adequately and safely with respect to such hazards.

Does proposed Bid conform to all requirements listed in this document and drawings? _____

If NO, explain non-conforming specifications in detail on separate sheet.

Terms or Cash Discount (if other than net 30 days)_____

Company Name_____

Contact Name_____

Title_____

Address_____

City/State/Zip_____

Telephone_____ FAX_____

Email Address_____

Contractor's License No._____ Exp. Date_____

City of Antioch Business License No._____ Exp. Date_____

Signature_____ Date_____

Bid must be in a sealed envelope with the Bid number, DIR Number, closing date, and time on the outside envelope.

DELIVER BID SUBMITTAL TO:

CITY OF ANTIOCH
Bid NO. 770-1130-22A
200 H St, 1st Floor
Antioch, CA 94509

NON-COLLUSION AFFIDAVIT

THIS PAGE MUST BE NOTARIZED

CITY OF ANTIOCH
Roof Replacements at Antioch Water Park and Water Treatment Plant
Bid No. 770-1130-22A

The contractor, by its officers and agents or representatives present at the time of filing this Bid, being duly sworn on their oaths say, that neither they nor any of them have in any way directly or indirectly entered into any arrangement or agreement with any other proposer, or with any public officer of the CITY OF ANTIOCH whereby such affiant or affiants or either of them has paid or is to pay to such proposer or public officer any sum of money, or has given or is to give to such other proposer or public officer anything of value whatever, or such affiant or affiants or either of them has not directly or indirectly entered into any arrangement or agreement with any other proposer or proposers, which tends to or does lessen or destroy free competition in the letting of the contract sought for on the attached Bids; that no Bid has been accepted from any subcontractor or supplier through any Bid depository, the By-Laws, Rules or Regulations of which prohibit or prevent the Contractor from considering any Bid from any subcontractor or supplier which is not processed through said Bid depository, or which prevent any subcontractor or supplier from Bids to any Contractor who does not use the facilities or accept Bids from or through such Bid depository; that no inducement of any form or character other than that which appears upon the face of the Bid will be suggested, offered, paid or delivered to any person of the contract, nor has this proposer any agreement or understanding of any kind whatsoever, with any person whomsoever to pay, deliver to, or share with any other person in any way or manner, any of the proceeds of the contracts sought by this Bid

NAME _____

SIGNATURE _____

TITLE _____

Subscribed and sworn to before me by:

This _____ day of _____, 20____

Notary Public

Attachment “A”

CITY OF ANTIOCH MAINTENANCE SERVICES AGREEMENT

EXAMPLE

1. PARTIES AND DATE.

This Agreement (“**Agreement**”) is made and entered into this *****INSERT DAY***** day of *****INSERT MONTH*****, *****INSERT YEAR***** (“**Effective Date**”) by and between the City of Antioch, a municipal corporation organized under the laws of the State of California with its principal place of business at 200 H Street, Antioch California 94509 (“**City**”) and *****INSERT NAME*****, a *****[INSERT TYPE OF ENTITY - CORPORATION, PARTNERSHIP, SOLE PROPRIETORSHIP OR OTHER LEGAL ENTITY]***** with its principal place of business at *****INSERT ADDRESS***** (“**Contractor**”). City and Contractor are sometimes individually referred to as “**Party**” and collectively as “**Parties**” in this Agreement.

2. RECITALS.

2.1 Contractor.

Contractor desires to perform and assume responsibility for the provision of certain maintenance services required by the City on the terms and conditions set forth in this Agreement. Contractor represents that it is experienced in providing *****INSERT TYPE OF SERVICES***** services to public clients, that it and its employees or subcontractors have all necessary licenses and permits to perform the Services in the State of California, and that is familiar with the plans of City. Contractor shall not subcontract any portion of the work required by this Agreement, except as expressly stated herein, without prior written approval of City. Subcontracts, if any, shall contain a provision making them subject to all provisions stipulated in this Agreement.

2.2 Project.

City desires to engage Contractor to render such services for the *****INSERT NAME OF PROJECT***** project (“**Project**”) as set forth in this Agreement.

3. TERMS.

3.1 Scope of Services and Term.

3.1.1 General Scope of Services. Contractor promises and agrees to furnish to the City all labor, materials, tools, equipment, services, and incidental and customary work necessary to fully and adequately supply the professional *****INSERT TYPE OF SERVICES***** maintenance services necessary for the Project (“**Services**”). The Services are more particularly described in Exhibit “A” attached hereto and incorporated herein by reference. All Services shall be subject to, and performed in accordance with, this Agreement, the exhibits attached hereto and incorporated herein by reference, and all applicable local, state and federal laws, rules and regulations.

*****CONTRACT NAME*****

Attachment “A”

3.1.2 Contractor shall perform its services in a prompt and timely manner and shall commence performance upon the Effective Date. Contractor shall complete the services required hereunder within **thirty-five (35) working days**, Monday-Friday.

3.2 Responsibilities of Contractor.

3.2.1 Control and Payment of Subordinates; Independent Contractor. The Services shall be performed by Contractor or under its supervision. Contractor will determine the means, methods and details of performing the Services subject to the requirements of this Agreement. City retains Contractor on an independent contractor basis and not as an employee. Contractor retains the right to perform similar or different services for others during the term of this Agreement. Any additional personnel performing the Services under this Agreement on behalf of Contractor shall also not be employees of City and shall at all times be under Contractor’s exclusive direction and control. Contractor shall pay all wages, salaries, and other amounts due such personnel in connection with their performance of Services under this Agreement and as required by law. Contractor shall be responsible for all reports and obligations respecting such additional personnel, including, but not limited to: social security taxes, income tax withholding, unemployment insurance, disability insurance, and workers’ compensation insurance.

3.2.2 Schedule of Services. Contractor shall perform the Services expeditiously, within the term of this Agreement, and in accordance with the Schedule of Services set forth in Exhibit “B” attached hereto and incorporated herein by reference. Contractor represents that it has the professional and technical personnel required to perform the Services in conformance with such conditions. In order to facilitate Contractor’s conformance with the Schedule, City shall respond to Contractor’s submittals in a timely manner. Upon request of City, Contractor shall provide a more detailed schedule of anticipated performance to meet the Schedule of Services.

3.2.3 Conformance to Applicable Requirements. All work prepared by Contractor shall be subject to the approval of City.

3.2.4 City’s Representative. The City hereby designates *****INSERT NAME OR TITLE*****, or his or her designee, to act as its representative for the performance of this Agreement (“City’s Representative”). City’s Representative shall have the power to act on behalf of the City for all purposes under this Agreement. Contractor shall not accept direction or orders from any person other than the City’s Representative or his or her designee.

3.2.5 Contractor’s Representative. Contractor hereby designates *****INSERT NAME OR TITLE*****, or his or her designee, to act as its representative for the performance of this Agreement (“Contractor’s Representative”). Contractor’s Representative shall have full authority to represent and act on behalf of the Contractor for all purposes under this Agreement. The Contractor’s Representative shall supervise and direct the Services, using his best skill and attention, and shall be responsible for all means, methods, techniques, sequences and procedures and for the satisfactory coordination of all portions of the Services under this Agreement.

3.2.6 Coordination of Services. Contractor agrees to work closely with City staff in the performance of Services and shall be available to City’s staff, consultants and other staff at all reasonable times.

*****CONTRACT NAME*****

Attachment "A"

3.2.7 Standard of Care; Performance of Employees. Contractor shall perform all Services under this Agreement in a skillful and competent manner, consistent with the standards generally recognized as being employed by professionals in the same discipline in the State of California. Contractor represents and maintains that it is skilled in the professional calling necessary to perform the Services. Contractor warrants that all employees and subcontractors shall have sufficient skill and experience to perform the Services assigned to them. Finally, Contractor represents that it, its employees and subcontractors have all licenses, permits, qualifications and approvals of whatever nature that are legally required to perform the Services, including a City Business License, and that such licenses and approvals shall be maintained throughout the term of this Agreement. As provided for in the indemnification provisions of this Agreement, Contractor shall perform, at its own cost and expense and without reimbursement from the City, any services necessary to correct errors or omissions which are caused by the Contractor's failure to comply with the standard of care provided for herein. Any employee of the Contractor or its sub-contractors who is determined by the City to be uncooperative, incompetent, a threat to the adequate or timely completion of the Project, a threat to the safety of persons or property, or any employee who fails or refuses to perform the Services in a manner acceptable to the City, shall be promptly removed from the Project by the Contractor and shall not be re-employed to perform any of the Services or to work on the Project.

3.2.8 Period of Performance and Liquidated Damages. Contractor shall perform and complete all Services under this Agreement within the term set forth in Section 3.1.2 above ("Performance Time"). Contractor shall perform the Services in strict accordance with any completion schedule or Project milestones described in Exhibits "A" or "B" attached hereto, or which may be provided separately in writing to the Contractor. Contractor agrees that if the Services are not completed within the aforementioned Performance Time and/or pursuant to any such completion schedule or Project milestones developed pursuant to provisions of this Agreement, it is understood, acknowledged and agreed that the City will suffer damage. Pursuant to Government Code Section 53069.85, Contractor shall pay to the City as fixed and liquidated damages, and not as a penalty, the sum of [***INSERT WRITTEN DOLLAR AMOUNT***] Dollars (\$[***INSERT NUMERICAL DOLLAR AMOUNT***]) per day for each and every calendar day of delay beyond the Performance Time or beyond any completion schedule or Project milestones established pursuant to this Agreement.

3.2.9 Disputes. Should any dispute arise respecting the true value of any work done, of any work omitted, or of any extra work which Contractor may be required to do, or respecting the size of any payment to Contractor during the performance of this Agreement, Contractor shall continue to perform the Work while said dispute is decided by the City. If Contractor disputes the City's decision, Contractor shall have such remedies as may be provided by law.

3.2.10 Laws and Regulations; Employee/Labor Certifications. Contractor shall keep itself fully informed of and in compliance with all local, state and federal laws, rules and regulations in any manner affecting the performance of the Project or the Services, including all Cal/OSHA requirements, and shall give all notices required by law. Contractor shall be liable for all violations of such laws and regulations in connection with Services. If the Contractor performs any work knowing it to be contrary to such laws, rules and regulations and without giving written notice to the City, Contractor shall be solely responsible for all costs arising therefrom. City is a public entity of the State of California subject to certain provisions of the Health & Safety Code, Government Code, Public Contract Code, and Labor Code of the State. It is stipulated and agreed that all provisions of the law applicable to the public contracts of a municipality are a part of this Agreement to the same extent as though set forth herein and will be complied with. These include but are not limited to the payment of

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prevailing wages, the stipulation that eight (8) hours' labor shall constitute a legal day's work and that no worker shall be permitted to work in excess of eight (8) hours during any one calendar day except as permitted by law. Contractor shall defend, indemnify and hold City, its officials, officers, employees and agents free and harmless, pursuant to the indemnification provisions of this Agreement, from any claim or liability arising out of any failure or alleged failure to comply with such laws, rules or regulations.

3.2.10.1 Employment Eligibility; Contractor. By executing this Agreement, Contractor verifies that it fully complies with all requirements and restrictions of state and federal law respecting the employment of undocumented aliens, including, but not limited to, the Immigration Reform and Control Act of 1986, as may be amended from time to time. Such requirements and restrictions include, but are not limited to, examination and retention of documentation confirming the identity and immigration status of each employee of the Contractor. Contractor also verifies that it has not committed a violation of any such law within the five (5) years immediately preceding the date of execution of this Agreement, and shall not violate any such law at any time during the term of the Agreement. Contractor shall avoid any violation of any such law during the term of this Agreement by participating in an electronic verification of work authorization program operated by the United States Department of Homeland Security, by participating in an equivalent federal work authorization program operated by the United States Department of Homeland Security to verify information of newly hired employees, or by some other legally acceptable method. Contractor shall maintain records of each such verification, and shall make them available to the City or its representatives for inspection and copy at any time during normal business hours. The City shall not be responsible for any costs or expenses related to Contractor's compliance with the requirements provided for in Section 3.2.10 or any of its sub-sections.

3.2.10.2 Employment Eligibility; Subcontractors, Sub-subcontractors and Consultants. To the same extent and under the same conditions as Contractor, Contractor shall require all of its subcontractors, sub-subcontractors and consultants performing any work relating to the Project or this Agreement to make the same verifications and comply with all requirements and restrictions provided for in Section 3.2.10.1.

3.2.10.3 Employment Eligibility; Failure to Comply. Each person executing this Agreement on behalf of Contractor verifies that they are a duly authorized officer of Contractor, and understands that any of the following shall be grounds for the City to terminate the Agreement for cause: (1) failure of Contractor or its subcontractors, sub-subcontractors or consultants to meet any of the requirements provided for in Sections 3.2.10.1 or 3.2.10.2; (2) any misrepresentation or material omission concerning compliance with such requirements (including in those verifications provided to the Contractor under Section 3.2.10.2); or (3) failure to immediately remove from the Project any person found not to be in compliance with such requirements.

3.2.10.4 Labor Certification. By its signature hereunder, Contractor certifies that it is aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and agrees to comply with such provisions before commencing the performance of the Services.

3.2.10.5 Equal Opportunity Employment. Contractor represents that it is an equal opportunity employer and it shall not discriminate against any subcontractor, employee or applicant for employment because of race, religion, color, national origin, handicap, ancestry, sex or

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age. Such non-discrimination shall include, but not be limited to, all activities related to initial employment, upgrading, demotion, transfer, recruitment or recruitment advertising, layoff or termination.

3.2.10.6 Air Quality. Contractor must fully comply with all applicable laws, rules and regulations in furnishing or using equipment and/or providing services, including, but not limited to, emissions limits and permitting requirements imposed by the California Air Resources Board (CARB). Contractor shall specifically be aware of the CARB limits and requirements' application to "portable equipment", which definition is considered by CARB to include any item of equipment with a fuel-powered engine. Contractor shall indemnify City against any fines or penalties imposed by CARB or any other governmental or regulatory agency for violations of applicable laws, rules and/or regulations by Contractor, its subcontractors, or others for whom Contractor is responsible under its indemnity obligations provided for in this Agreement.

3.2.10.7 Water Quality.

(A) Management and Compliance. To the extent applicable, Contractor's Services must account for, and fully comply with, all local, state and federal laws, rules and regulations that may impact water quality compliance, including, without limitation, all applicable provisions of the Federal Water Pollution Control Act (33 U.S.C. §§ 1300); the California Porter-Cologne Water Quality Control Act (Cal Water Code §§ 13000-14950); laws, rules and regulations of the Environmental Protection Agency and the State Water Resources Control Board; the City's ordinances regulating discharges of storm water; and any and all regulations, policies, or permits issued pursuant to any such authority regulating the discharge of pollutants, as that term is used in the Porter-Cologne Water Quality Control Act, to any ground or surface water in the state.

(B) Liability for Non-Compliance. Failure to comply with the laws, regulations and policies described in this Section is a violation of law that may subject Contractor or City to penalties, fines, or additional regulatory requirements. Contractor shall defend, indemnify and hold the City, its officials, officers, employees, volunteers and agents free and harmless, pursuant to the indemnification provisions of this Agreement, from and against any and all fines, penalties, claims or other regulatory requirements imposed as a result of Contractor's non-compliance with the laws, regulations and policies described in this Section, unless such non-compliance is the result of the sole established negligence, willful misconduct or active negligence of the City, its officials, officers, agents, employees or authorized volunteers.

(C) Training. In addition to any other standard of care requirements set forth in this Agreement, Contractor warrants that all employees and subcontractors shall have sufficient skill and experience to perform the Services assigned to them without impacting water quality in violation of the laws, regulations and policies described in this Section. Contractor further warrants that it, its employees and subcontractors will receive adequate training, as determined by City, regarding the requirements of the laws, regulations and policies described in this Section as they may relate to the Services provided under this Agreement. Upon request, City will provide Contractor with a list of training programs that meet the requirements of this paragraph.

3.2.11 Insurance. Contractor shall not commence work for the City until it has provided evidence satisfactory to the City it has secured all insurance required under Exhibit "D" (Insurance Requirements), attached hereto and incorporated herein by this reference. In addition,

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Contractor shall not allow any subcontractor to commence work on any subcontract until it has secured all insurance required therein.

3.2.12 Safety. Contractor shall execute and maintain its work so as to avoid injury or damage to any person or property. In carrying out its Services, the Contractor shall at all times be in compliance with all applicable local, state and federal laws, rules and regulations, and shall exercise all necessary precautions for the safety of employees appropriate to the nature of the work and the conditions under which the work is to be performed. Safety precautions as applicable shall include, but shall not be limited to: (A) adequate life protection and lifesaving equipment and procedures; (B) instructions in accident prevention for all employees and subcontractors, such as safe walkways, scaffolds, fall protection ladders, bridges, gang planks, confined space procedures, trenching and shoring, equipment and other safety devices, equipment and wearing apparel as are necessary or lawfully required to prevent accidents or injuries; and (C) adequate facilities for the proper inspection and maintenance of all safety measures.

3.2.13 Bonds.

3.2.13.1 Performance Bond. If required by law or otherwise specifically requested by City in Exhibit "D" attached hereto and incorporated herein by reference, Contractor shall execute and provide to City concurrently with this Agreement a Performance Bond in the amount of the total, not-to-exceed compensation indicated in this Agreement, and in a form provided or approved by the City. If such bond is required, no payment will be made to Contractor until it has been received and approved by the City.

3.2.13.2 Payment Bond. If required by law or otherwise specifically requested by City in Exhibit "D" attached hereto and incorporated herein by reference, Contractor shall execute and provide to City concurrently with this Agreement a Payment Bond in the amount of the total, not-to-exceed compensation indicated in this Agreement, and in a form provided or approved by the City. If such bond is required, no payment will be made to Contractor until it has been received and approved by the City.

3.2.13.3 Bond Provisions. Should, in City's sole opinion, any bond become insufficient or any surety be found to be unsatisfactory, Contractor shall renew or replace the affected bond within 10 days of receiving notice from City. In the event the surety or Contractor intends to reduce or cancel any required bond, at least thirty (30) days prior written notice shall be given to the City, and Contractor shall post acceptable replacement bonds at least ten (10) days prior to expiration of the original bonds. No further payments shall be deemed due or will be made under this Agreement until any replacement bonds required by this Section are accepted by the City. To the extent, if any, that the total compensation is increased in accordance with the Agreement, the Contractor shall, upon request of the City, cause the amount of the bonds to be increased accordingly and shall promptly deliver satisfactory evidence of such increase to the City. To the extent available, the bonds shall further provide that no change or alteration of the Agreement (including, without limitation, an increase in the total compensation, as referred to above), extensions of time, or modifications of the time, terms, or conditions of payment to the Contractor, will release the surety. If the Contractor fails to furnish any required bond, the City may terminate this Agreement for cause.

3.2.13.4 Surety Qualifications. Only bonds executed by an admitted surety insurer, as defined in Code of Civil Procedure Section 995.120, shall be accepted. The surety

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must be a California-admitted surety with a current A.M. Best's rating no less than A:VIII and satisfactory to the City. If a California-admitted surety insurer issuing bonds does not meet these requirements, the insurer will be considered qualified if it is in conformance with Section 995.660 of the California Code of Civil Procedure, and proof of such is provided to the City.

3.2.14 Accounting Records. Contractor shall maintain complete and accurate records with respect to all costs and expenses incurred under this Agreement. All such records shall be clearly identifiable. Contractor shall allow a representative of City during normal business hours to examine, audit, and make transcripts or copies of such records and any other documents created pursuant to this Agreement. Contractor shall allow inspection of all work, data, documents, proceedings, and activities related to the Agreement for a period of three (3) years from the date of final payment under this Agreement.

3.3 Fees and Payments.

3.3.1 Compensation. Contractor shall receive compensation, including authorized reimbursements, for all Services rendered under this Agreement at the rates set forth in Exhibit "C" attached hereto and incorporated herein by reference. The total compensation shall not exceed [***INSERT WRITTEN DOLLAR AMOUNT***] (\$[***INSERT NUMERICAL DOLLAR AMOUNT***]) without written approval of City's [***INSERT TITLE***]. Extra Work may be authorized, as described below, and if authorized, will be compensated at the rates and manner set forth in this Agreement.

3.3.2 Payment of Compensation. Contractor shall submit to City a monthly itemized statement which indicates work completed and hours of Services rendered by Contractor. The statement shall describe the amount of Services and supplies provided since the initial commencement date, or since the start of the subsequent billing periods, as appropriate, through the date of the statement. City shall, within thirty (30) days of receiving such statement, review the statement and pay all approved charges thereon.

3.3.3 Reimbursement for Expenses. Contractor shall not be reimbursed for any expenses unless authorized in writing by City.

3.3.4 Extra Work. At any time during the term of this Agreement, City may request that Contractor perform Extra Work. As used herein, "Extra Work" means any work which is determined by City to be necessary for the proper completion of the Project, but which the parties did not reasonably anticipate would be necessary at the execution of this Agreement. Contractor shall not perform, nor be compensated for, Extra Work without written authorization from City's Representative.

3.3.5 California Labor Code Requirements

a. Contractor is aware of the requirements of California Labor Code Sections 1720 et seq. and 1770 et seq., which require the payment of prevailing wage rates and the performance of other requirements on certain "public works" and "maintenance" projects ("Prevailing Wage Laws"). If the Services are being performed as part of an applicable "public works" or "maintenance" project, as defined by the Prevailing Wage Laws, and if the total compensation is \$1,000 or more, Contractor agrees to fully comply with such Prevailing Wage Laws. Contractor shall defend, indemnify and hold the City, its officials, officers, employees and agents free and harmless from any claims, liabilities, costs, penalties or interest arising out of any failure or alleged failure to comply with the Prevailing Wage Laws. It shall be mandatory upon the Contractor and all subcontractors to comply with all California Labor Code

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provisions, which include but are not limited to prevailing wages (Labor Code Sections 1771, 1774 and 1775), employment of apprentices (Labor Code Section 1777.5), certified payroll records (Labor Code Sections 1771.4 and 1776), hours of labor (Labor Code Sections 1813 and 1815) and debarment of contractors and subcontractors (Labor Code Section 1777.1). The requirement to submit certified payroll records directly to the Labor Commissioner under Labor Code section 1771.4 shall not apply to work performed on a public works project that is exempt pursuant to the small project exemption specified in Labor Code Section 1771.4.

b. If the Services are being performed as part of an applicable "public works" or "maintenance" project, then pursuant to Labor Code Sections 1725.5 and 1771.1, the Contractor and all subcontractors performing such Services must be registered with the Department of Industrial Relations. Contractor shall maintain registration for the duration of the Project and require the same of any subcontractors, as applicable. Notwithstanding the foregoing, the contractor registration requirements mandated by Labor Code Sections 1725.5 and 1771.1 shall not apply to work performed on a public works project that is exempt pursuant to the small project exemption specified in Labor Code Sections 1725.5 and 1771.1.

c. This Agreement may also be subject to compliance monitoring and enforcement by the Department of Industrial Relations. It shall be Contractor's sole responsibility to comply with all applicable registration and labor compliance requirements. Any stop orders issued by the Department of Industrial Relations against Contractor or any subcontractor that affect Contractor's performance of Services, including any delay, shall be Contractor's sole responsibility. Any delay arising out of or resulting from such stop orders shall be considered Contractor caused delay and shall not be compensable by the City. Contractor shall defend, indemnify and hold the City, its officials, officers, employees and agents free and harmless from any claim or liability arising out of stop orders issued by the Department of Industrial Relations against Contractor or any subcontractor.

3.4 Termination of Agreement.

3.4.1 Grounds for Termination. City may, by written notice to Contractor, terminate the whole or any part of this Agreement at any time and without cause by giving written notice to Contractor of such termination, and specifying the effective date thereof, at least seven (7) days before the effective date of such termination. Upon termination, Contractor shall be compensated only for those services which have been adequately rendered to City, and Contractor shall be entitled to no further compensation. Contractor may not terminate this Agreement except for cause.

3.4.2 Effect of Termination. If this Agreement is terminated as provided herein, City may require Contractor to provide all finished or unfinished documents and data and other information of any kind prepared by Contractor in connection with the performance of Services under this Agreement. Contractor shall be required to provide such document and other information within fifteen (15) days of the request.

3.4.3 Additional Services. In the event this Agreement is terminated in whole or in part as provided herein, City may procure, upon such terms and in such manner as it may determine appropriate, services similar to those terminated.

3.4.4 Agreement Subject to Appropriation of Funds. The Contractor understands and accepts that at all times; the Agreement is subject to appropriation of funds by the Antioch City Council. The Agreement may terminate without penalty, liability or expense of any kind to the City at the end of

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any fiscal year if funds are not appropriated for the next succeeding fiscal year. If funds are appropriated for a portion of the fiscal year, the Agreement will terminate, without penalty, liability or expense of any kind at the end of the term for which funds are appropriated. The City has no obligation to make appropriations for the Agreement in lieu of appropriations for new or other agreements. City budget decisions are subject to the discretion of the Mayor and City Council. Contractor's assumption of risk of possible non-appropriation is a part of the consideration for the Agreement. This section controls against any and all other provisions of the Agreement.

3.5 General Provisions.

3.5.1 Delivery of Notices. All notices permitted or required under this Agreement shall be given to the respective parties at the following address, or at such other address as the respective parties may provide in writing for this purpose:

Contractor:

INSERT NAME, ADDRESS & CONTACT PERSON

City:

INSERT DEPARTMENT NAME / CONTACT PERSON

City of Antioch
P. O. Box 5007
Antioch, CA 94531-5007

City:

City of Antioch
P. O. Box 5007
Antioch, CA 94531-5007
Attn: City Attorney

Such notice shall be deemed made when personally delivered or when mailed, forty-eight (48) hours after deposit in the U.S. Mail, first class postage prepaid and addressed to the party at its applicable address. Actual notice shall be deemed adequate notice on the date actual notice occurred, regardless of the method of service.

3.5.2 Indemnification.

3.5.2.1 Scope of Indemnity. To the fullest extent permitted by law, Contractor shall defend, indemnify and hold the City, its officials, officers, employees, volunteers and agents free and harmless from any and all claims, demands, causes of action, costs, expenses, liability, loss, damage or injury of any kind, in law or equity, to property or persons, including wrongful death, in any manner arising out of, pertaining to, or incident to any alleged acts, errors or omissions of Contractor, its officials, officers, employees, subcontractors, consultants or agents in connection with the performance of the Contractor's Services, the Project or this Agreement, including without limitation the payment of all consequential damages, expert witness fees and attorneys' fees and other related costs and expenses. Notwithstanding the foregoing, to the extent Contractor's Services are subject to Civil Code Section 2782.8, the above indemnity shall be limited, to the extent required by Civil Code Section 2782.8, to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful

***CONTRACT NAME**

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misconduct of the Contractor.

3.5.2.2 Additional Indemnity Obligations. Contractor shall defend, with counsel of City's choosing and at Contractor's own cost, expense and risk, any and all claims, suits, actions or other proceedings of every kind covered by Section 3.5.2.1 that may be brought or instituted against City or its officials, officers, employees, volunteers and agents. Contractor shall pay and satisfy any judgment, award or decree that may be rendered against City or its officials, officers, employees, volunteers and agents as part of any such claim, suit, action or other proceeding. Contractor shall also reimburse City for the cost of any settlement paid by City or its officials, officers, employees, agents or volunteers as part of any such claim, suit, action or other proceeding. Such reimbursement shall include payment for City's attorneys' fees and costs, including expert witness fees. Contractor shall reimburse City and its officials, officers, employees, agents, and/or volunteers, for any and all legal expenses and costs incurred by each of them in connection therewith or in enforcing the indemnity herein provided. Contractor's obligation to indemnify shall survive expiration or termination of this Agreement, and shall not be restricted to insurance proceeds, if any, received by the City, its officials officers, employees, agents, or volunteers.

3.5.3 Governing Law; Government Code Claim Compliance. This Agreement shall be governed by the laws of the State of California. Venue shall be in Contra Costa County, California. In addition to any and all Agreement requirements pertaining to notices of and requests for compensation or payment for extra work, disputed work, claims and/or changed conditions, Contractor must comply with the claim procedures set forth in Government Code sections 900 et seq. prior to filing any lawsuit against the City. Such Government Code claims and any subsequent lawsuit based upon the Government Code claims shall be limited to those matters that remain unresolved after all procedures pertaining to extra work, disputed work, claims, and/or changed conditions have been followed by Contractor. If no such Government Code claim is submitted, or if any prerequisite contractual requirements are not otherwise satisfied as specified herein, Contractor shall be barred from bringing and maintaining a valid lawsuit against the City.

3.5.4 Time of Essence. Time is of the essence for each and every provision of this Agreement.

3.5.5 City's Right to Employ Other Contractors. City reserves right to employ other contractors in connection with this Project.

3.5.6 Successors and Assigns. This Agreement shall be binding on the successors and assigns of the parties.

3.5.7 Assignment or Transfer. Contractor shall not assign, hypothecate or transfer, either directly or by operation of law, this Agreement or any interest herein without the prior written consent of the City. Any attempt to do so shall be null and void, and any assignees, hypothecates or transferees shall acquire no right or interest by reason of such attempted assignment, hypothecation or transfer.

3.5.8 Construction; References; Captions. Since the Parties or their agents have participated fully in the preparation of this Agreement, the language of this Agreement shall be construed simply, according to its fair meaning, and not strictly for or against any Party. Any term referencing time, days or period for performance shall be deemed calendar days and not work days. All references to Contractor include all personnel, employees, agents, and subcontractors of Contractor,

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except as otherwise specified in this Agreement. All references to City include its officials, officers, employees, agents, and volunteers except as otherwise specified in this Agreement. The captions of the various articles and paragraphs are for convenience and ease of reference only, and do not define, limit, augment, or describe the scope, content or intent of this Agreement.

3.5.9 Amendment; Modification. No supplement, modification or amendment of this Agreement shall be binding unless executed in writing and signed by both Parties.

3.5.10 Waiver. No waiver of any default shall constitute a waiver of any other default or breach, whether of the same or other covenant or condition. No waiver, benefit, privilege, or service voluntarily given or performed by a Party shall give the other Party any contractual rights by custom, estoppel or otherwise.

3.5.11 No Third Party Beneficiaries. Except to the extent expressly provided for in Section 3.5.7, there are no intended third party beneficiaries of any right or obligation assumed by the Parties.

3.5.12 Invalidity; Severability. If any portion of this Agreement is declared invalid, illegal, or otherwise unenforceable by a court of competent jurisdiction, the remaining provisions shall continue in full force and effect.

3.5.13 Prohibited Interests. Contractor maintains and warrants that it has not employed nor retained any company or person, other than a bona fide employee working solely for Contractor, to solicit or secure this Agreement. Further, Contractor warrants that it has not paid nor has it agreed to pay any company or person, other than a bona fide employee working solely for Contractor, any fee, commission, percentage, brokerage fee, gift or other consideration contingent upon or resulting from the award or making of this Agreement. Contractor further agrees to file, or shall cause its employees or subcontractors to file, a Statement of Economic Interest with the City's Filing Officer as required under state law in the performance of the Services. For breach or violation of this warranty, City shall have the right to rescind this Agreement without liability. For the term of this Agreement, no member, officer or employee of City, during the term of his or her service with City, shall have any direct interest in this Agreement, or obtain any present or anticipated material benefit arising therefrom.

3.5.14 Cooperation; Further Acts. The Parties shall fully cooperate with one another, and shall take any additional acts or sign any additional documents as may be necessary, appropriate or convenient to attain the purposes of this Agreement.

3.5.15 Attorneys' Fees and Costs. If any action in law or equity, including an action for declaratory relief, is brought to enforce or interpret the provisions of this Agreement, the prevailing Party shall be entitled to recover from the losing party attorney's fees and costs in an amount determined to be reasonable by a court of competent jurisdiction.

3.5.16 Authority to Enter Agreement. Contractor has all requisite power and authority to conduct its business and to execute, deliver, and perform the Agreement. Each Party warrants that the individuals who have signed this Agreement have the legal power, right, and authority to make this Agreement and bind each respective Party.

3.5.17 Counterparts. This Agreement may be signed in counterparts, each of

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which shall constitute an original.

3.5.18 Entire Agreement. This Agreement contains the entire Agreement of the parties with respect to the subject matter hereof, and supersedes all prior negotiations, understandings or agreements. This Agreement may only be modified by a writing signed by both parties.

3.5.19 Wage Theft Prevention.

3.5.19.1 Contractor, and any subcontractor it employs to complete work under this Agreement, shall comply with all applicable federal, state and local wage and hour laws. Applicable laws may include, but are not limited to, the Federal Fair Labor Standards Act and the California Labor Code.

3.5.19.2 BY SIGNING THIS AGREEMENT, CONTRACTOR AFFIRMS THAT IT HAS DISCLOSED ANY FINAL JUDGMENTS, DECISIONS OR ORDERS FROM A COURT OR INVESTIGATORY GOVERNMENT AGENCY, FINDING IN THE FIVE (5) YEARS PRIOR TO EXECUTING THIS AGREEMENT THAT CONTRACTOR OR ITS SUBCONTRACTORS HAS VIOLATED ANY APPLICABLE WAGE AND HOUR LAWS. CONTRACTOR FURTHER AFFIRMS THAT IT OR ITS SUBCONTRACTOR(S) HAS EITHER FULLY SATISFIED EACH JUDGMENT, DECISION OR ORDER, OR, IF ANY JUDGMENT, DECISION OR ORDER HAS NOT BEEN FULLY SATISFIED, CONTRACTOR AFFIRMS THAT IT OR ITS SUBCONTRACTOR(S) IS CURRENTLY SATISFYING SAID JUDGMENT, DECISION OR ORDER THROUGH A PAYMENT OR ALTERNATIVE PLAN APPROVED BY THE APPLICABLE COURT/GOVERNMENT AGENCY AND THAT CONTRACTOR OR ITS SUBCONTRACTOR(S) ARE IN COMPLIANCE WITH SAID PLAN AS OF THE DATE OF EXECUTING THIS AGREEMENT.

3.5.19.3 If at any time during the term of this Agreement, a court or investigatory government agency issues a final judgment, decision or order finding that Contractor or a subcontractor it employs to perform work under this Agreement has violated any applicable wage and hour law, or Contractor learns of such a judgment, decision, or order that was not previously disclosed in its bid/Bid, Contractor shall inform the City no more than fifteen (15) calendar days after the judgment, decision or order becomes final or from the date of learning of the final judgment, decision or order. Contractor or its subcontractor(s) shall, within thirty (30) calendar days after notifying the City, either (i) fully satisfy any such judgment, decision, or order and provide the City with documentary evidence of satisfying said judgment, decision or order; or (ii) provide the City documentary evidence of a payment or other alternative plan approved by the court/government agency to satisfy the judgment, decision or order. If the Contractor or its subcontractor is subject to a payment or other alternative plan, the Contractor or its subcontractor shall continue to submit documentary evidence every thirty (30) calendar days during the term of the Agreement demonstrating continued compliance with the plan until the judgment, decision or order has been fully satisfied.

3.5.19.4 For purposes of this Section, a "final judgment, decision, or order" refers to one for which all appeals have been exhausted or the time period to appeal has expired. Relevant investigatory government agencies include: the United States Department of Labor, the California Division of Labor Standards Enforcement, the City, or any other governmental entity or division tasked with the investigation and enforcement of wage and hour laws.

3.5.19.5 Failure to comply with any part of this Section constitutes a material breach of this Agreement. Such breach may serve as a basis for immediate termination of this

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Agreement and/or any other remedies available under this Agreement and/or law.

3.5.19.6 Notice provided to the City shall be addressed to: Attention: City Manager, P. O. Box 5007, Antioch, CA 94531-5007. The Notice provisions of this Section are separate from any other notice provisions in this Agreement and, accordingly, only notice provided to the above address satisfies the notice requirements in this Section.

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**SIGNATURE PAGE FOR MAINTENANCE SERVICES AGREEMENT
BETWEEN THE CITY OF ANTIOCH
AND [***INSERT CONTRACTOR NAME***]**

IN WITNESS WHEREOF, the Parties have entered into this Agreement as of the [***INSERT DAY***] day of [***INSERT MONTH***], [***INSERT YEAR***].

CITY OF ANTIOCH

Approved By:

Rowland E. Bernal Jr.
City Manager

ATTEST:

Arne Simonsen
City Clerk, MMC

Approved As To Form:

Thomas Lloyd Smith
City Attorney

[*INSERT CONTRACTOR NAME***]**

Signature

Name

Title

[CONTRACT NAME**]**

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INSURANCE REQUIREMENTS

Please refer to the insurance requirements listed below. **Those that have an "X" indicated in the space before the requirement apply to Contractor's Agreement.**

Contractor shall procure and maintain for the duration of the Agreement insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder and the results of that work by the Contractor, its agents, representatives, employees or subcontractors.

Contractor shall provide its insurance broker(s)/agent(s) with a copy of these requirements and request that they provide Certificates of Insurance complete with copies of all required endorsements.

Contractor shall furnish City with copies of original endorsements affecting coverage required by this Exhibit D. The endorsements are to be signed by a person authorized by that insurer to bind coverage on its behalf. All endorsements and certificates are to be received and approved by City before work commences. City has the right to require Contractor's insurer to provide complete, certified copies of all required insurance policies, including endorsements affecting the coverage required by these specifications.

Commercial General Liability (CGL):

 X Coverage at least as broad as Insurance Services Office ("ISO") Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal and advertising injury with limits no less than **\$2,000,000.00** per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.

 Coverage at least as broad as ISO Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal and advertising injury with limits no less than **\$1,000,000.00** per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.

 Coverage at least as broad as ISO Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal and advertising injury with limits no less than **\$5,000,000.00** per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.

Automobile Liability:

 X Coverage at least as broad as ISO Form Number CA 0001 covering, Code 1 (any auto), of if Contractor has no owned autos, Code 8 (hired) and 9 (non-owned), with limits no less than **\$1,000,000.00** combined single limit for bodily injury and property damage.

 Coverage at least as broad as ISO Form Number CA 0001 covering, Code 1 (any auto), with limits no less than **\$5,000,000.00** combined single limit for bodily injury and property damage.

Attachment "B"

___ Garage keepers' extra liability endorsement to extend coverage to all vehicles in the care, custody and control of the Contractor, regardless of where the vehicles are kept or driven.

Professional Liability (Errors and Omissions):

___ Insurance appropriates to the Contractor's profession, with limit no less than \$1,000,000.00 per occurrence or claim, \$2,000,000.00 aggregate.

___ (If Design/Build), with limits no less than \$1,000,000.00 per occurrence or claim, and \$2,000,000.00 policy aggregate.

___ Insurance appropriates to the Contractor's profession, with limit no less than _____ per occurrence or claim, _____ aggregate

Workers' Compensation Insurance:

X Insurance as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than **\$1,000,000.00** per accident for bodily injury or disease. *(Not required if Contractor provides written verification it has no employees. Waiver needed.)*

The Employer's Liability policy shall be endorsed to waive any right of subrogation as respects the City, its elected and appointed officials, officers, attorneys, agents, and employees.

Builder's Risk (Course of Construction):

___ Insurance utilizing an "All Risk" (Special Perils) coverage form, with limits equal to the completed value of the project and no coinsurance penalty provisions. If the project does not involve new or major reconstruction, at the option of the City, an Installation Floater may be acceptable. For such projects, a Property Installation Floater shall be obtained that provides for the improvement, remodel, modification, alteration, conversion or adjustment to existing buildings, structures, processes, machinery and equipment. The Property Installation Floater shall provide property damage coverage for any building, structure, machinery or equipment damaged, impaired, broken, or destroyed during the performance of the Work, including during transit, installation, and testing at the City's site.

Contractor's Pollution Legal Liability:

___ Contractor's pollution legal liability and/or Asbestos Legal Liability and/or Errors and Omissions (if project involves environmental hazards) with limits no less than \$1,000,000.00 per occurrence or claim and \$2,000,000.00 policy aggregate.

If the Contractor maintains higher limits than the minimums shown above, the City requires and shall be entitled to coverage for the higher limits maintained by the Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to City.

Attachment "B"

Cyber Liability Insurance

___ Cyber Liability Insurance with limits not less than \$1,000,000 per claim.

Coverage shall be sufficiently broad to respond to the duties and obligations as is undertaken by Contractor in this Agreement and shall include, but not be limited to, claims involving infringement of intellectual property, including but not limited to infringement of copyright, trademark, trade dress, invasion of privacy violations, information theft, damage to or destruction of electronic information, release of private information, alteration of electronic information, extortion, and network security.

The policy shall provide coverage for breach response costs as well as regulatory fines and penalties, and credit monitoring expenses with limits sufficient to respond to these obligations.

Surety Bonds:

Contractor shall provide the following Surety Bonds:

___ Bid Bond
___X Performance Bond
___X Payment Bond

The Payment Bond and Performance Bond shall be in a sum equal to the contract price. Bonds shall be duly executed by a responsible corporate surety, authorized to issue such bonds in the State of California and secured through an authorized agent with an office in California.

Other Insurance Provisions:

The insurance policies are to contain, or be endorsed to contain the following provisions:

X **Additional Insured Status and Primary/Non-Contributory Language:**

Contractor's general liability and automobile liability policies shall be primary and shall not seek contribution from the City's coverage and be endorsed to add the City and its officers, officials, employees, and agents as additional insureds under such policies using Insurance Services Office form CG 20 10 (or equivalent) on the general liability policy. For construction projects, an endorsement providing completed operations coverage for the additional insured on the general liability policy, ISO form CG 20 37 (or equivalent), is also required.

The limits of insurance required in this Agreement may be satisfied by a combination of primary and umbrella or excess insurance. Any umbrella or excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and non-contributory basis for the benefit of City (if agreed to in a written contract or agreement) before the City's own insurance or self-insurance shall be called upon to protect it as a named insured.

___ **Loss Payee Status – Builder's Risk/Course of Construction Insurance (applicable to Construction Contracts only)**

Contractor may submit evidence of Builder's Risk insurance in the form of Course of Construction coverage. Such coverage shall name the City as a loss payee as their interest may appear.

Attachment "B"

Notice of Cancellation, Suspension or Otherwise Voiding Policies:

Each insurance policy required above shall contain or be endorsed to contain that coverage shall not be suspended, voided, canceled or reduced in coverage or in limits except with thirty (30) days' prior written notice by certified mail, return receipt requested to the City.

X **Waiver of Subrogation:**

Contractor hereby grants to City a waiver of any right to subrogation which any insurer of said Contractor may acquire against the City by virtue of the payment of any loss under such insurance. Contractor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the City has received a waiver of subrogation endorsement from the insurer. The Workers' Compensation Policy shall be endorsed with a waiver of subrogation in favor of the City for all work performed by Contractor, its employees, agents and subcontractors.

Completed Operations

For Construction Agreements, Contractor shall maintain insurance as required by this Agreement to the fullest amount allowed by law and shall maintain insurance for a minimum of five (5) years following the completion of this project. In the event Contractor fails to obtain or maintain completed operations coverage as required by this Agreement, the City at its sole discretion may purchase the coverage required and the cost will be paid by Contractor.

THE FOLLOWING PROVISIONS APPLY TO ALL AGREEMENTS

Deductibles and Self-Insured Retentions ("SIR"):

Any deductibles or self-insured retentions must be declared to and approved by City. The City may require the Contractor to purchase coverage with a lower deductible or retention or provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. At the option of the City, either (1) the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the City, its elected and appointed officials, officers, attorneys, agents, and employees; or (2) the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

All SIRs must be disclosed to Risk Management for approval and shall not reduce the limits of liability.

Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or the City.

City reserves the right to obtain a full-certified copy of any insurance policy and endorsements. Failure to exercise this right shall not constitute a waiver of right to exercise later.

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 City.

Attachment "B"

Claims Made Policies: (note - should be applicable only to professional liability, see below)

1. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work.
2. Insurance must be maintained, and evidence of insurance must be provided for at least five (5) years after completion of contract of work.
3. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a Retroactive Date prior to the contract effective date, the Contractor must purchase "extended reporting" coverage for a minimum of five (5) years after completion of work.
4. A copy of the claims reporting requirements must be submitted to the City for review.
5. If the services involve lead-based paint or asbestos identification/remediation, the Contractor's Pollution Liability Policy shall not contain lead-based paint or asbestos exclusions. If the services involve mold identification/remediation, the Contractors Pollution Liability Policy shall not contain a mold exclusion, and the definition of Pollution shall include microbial matter, including mold.

Subcontractors:

Contractor shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and Contractor shall ensure that City is an additional insured on insurance required from subcontractors.

Subcontractor agrees to be bound to Contractor and City in the same manner and to the same extent as Contractor is bound to City under this Agreement and any other contract documents. Subcontractor further agrees to include the same requirements and provisions of this Agreement, including the indemnity and insurance requirements, with any sub-subcontractor to the extent they apply to the scope of the sub-subcontractor's work. A copy of the City indemnity and insurance provisions will be furnished to the subcontractor upon request.

Verification of Coverage:

Contractor shall furnish the City with original certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by the City before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the Contractor's obligation to provide them. The City reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.

Special Risks or Circumstances

City reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage or other special circumstances.

Failure to Comply:

Each insurance policy required above shall contain or be endorsed to contain that any failure to comply with reporting provisions of the policies shall not affect coverage provided to the City, its elected and appointed

Attachment "B"

officials, officers, attorneys, agents, and employees.

Applicability of Coverage:

Each insurance policy required above shall contain or be endorsed to contain that the Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

Attachment "C"

PAYMENT BOND

THIS PAGE MUST BE NOTARIZED

**CITY OF ANTIOCH
Roof Replacements at Antioch Water Park and Water Treatment Plant
Bid No. 770-1130-22A**

KNOW ALL PERSONS BY THESE PRESENTS, that

WHEREAS, the CITY OF ANTIOCH, (hereinafter referred to as "City") and _____, (hereinafter referred to as "Principal") have entered into a Contract for the _____; and

WHEREAS, under the terms of said Contract, Principal is required to furnish a bond securing payment of the claims to which reference is made in Section 3248 of the Civil Code,

NOW, THEREFORE, we, the Principal, and _____ as Surety, are held and firmly bound unto the City in the penal sum of _____ Dollars (\$_____) lawful money of the United States, being not less than one hundred percent (100%) of the amount payable by the terms of the Contract, for the payment of which sum well and truly to be made we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

The condition of this obligation is such that if said Principal or any of its subcontractors fails to pay any of the persons named in Section 3181 of the Civil Code, or amounts due under the Unemployment Insurance Code with respect to work or labor performed under the Contract, or for any amounts required to be deducted, withheld, and paid over the Employment Development Department from the wages of employees of the Principal or its subcontractors pursuant to Section 13020 of the Unemployment Insurance Code, with respect to such work and labor, the Surety will pay for the same and also will pay, in case suit is brought upon this bond, a reasonable attorney's fee, to be fixed by the court.

This bond will insure to the benefit of any of the persons named in Section 3181 of the Civil Code so as to give a right of action to such persons or their assigns if any suit is brought upon this bond.

This bond is given to comply with Sections 3247 and 3248 of the Civil Code. The liability of the Principal and Surety hereunder is governed by the provisions of said Code, all acts amendatory thereof, and all other statutes referred to therein, including Section 3225 of the Civil Code.

The Surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the work to be performed thereunder or the Specifications accompanying the same shall in any way affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the work or to the Specifications.

Signatures on next page

Attachment "C"

IN WITNESS WHEREOF, the above-bound parties have executed this instrument under their seals this day of _____, 20____, the name and corporate seal of each corporate body being hereto affixed, and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

(Principal)

By _____
Signature

Print Name

Title

*Note:
To be signed by Principal
and Surety and acknowledgment
and notarial seal attached.*

(Surety)

(Address)

By _____
Signature

Print Name

Title

Attachment "C"

PERFORMANCE BOND

THIS PAGE MUST BE NOTARIZED

**CITY OF ANTIOCH
Roof Replacements at Antioch Water Park and Water Treatment Plant
Bid No. 770-1130-22A**

KNOW ALL PERSONS BY THESE PRESENTS, that

WHEREAS, the CITY OF ANTIOCH, (hereinafter referred to as "City") has entered into a Contract with _____, (hereinafter referred to as "Principal"), for construction of the _____ (the "Contract"); and

WHEREAS, the Principal is required under the terms of the Contract to furnish a bond of faithful performance of the Contract.

NOW, THEREFORE, we, the undersigned Principal, and _____, as Surety, are held and firmly bound unto the City, in the sum of _____ Dollars (\$_____) lawful money of the United States, to be paid to the City or its successors and assigns; for which payment, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that if the above-bound Principal, or its heirs, executors, administrators, successors, or assigns approved by the City, shall promptly and faithfully perform the covenants, conditions and agreements in the Contract during the original term and any extensions thereof as may be granted by the City, with or without notice to Surety, and during the period of any guarantees or warranties required under the Contract, and shall also promptly and faithfully perform all the covenants, conditions, and agreements of any alteration of the Contract made as therein provided, notice of which alterations to Surety being hereby waived, on Principal's part to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify, defend, protect, and hold harmless the City as stipulated in the Contract, then this obligation shall become and be null and void; otherwise it shall be and remain in full force and effect.

No extension of time, change, alteration, modification, or addition to the Contract, or of the work required thereunder, shall release or exonerate Surety on this bond or in any way affect the obligation of this bond; and Surety does hereby waive notice of any such extension of time, change, alteration, modification or addition.

Whenever Principal shall be and declared by the City to be in default under the Contract, Surety shall promptly remedy the default, or shall promptly do one of the following at City's election:

1. Undertake through its agents or independent Contractors, reasonably acceptable to the City, to complete the Contract in accordance with its terms and conditions and to pay and perform all obligations of Principal under the Contract, including without limitation, all obligations with respect to warranties, guarantees, and the payment of liquidated damages; or
2. Reimburse the City for all costs the City incurs in completing the Contract, and in correcting, repairing, or replacing any defects in materials or workmanship and/or materials and workmanship which do not conform to the specifications in the Contract.

Surety's obligations hereunder are independent of the obligations of any other surety for the performance of the Contract, and suit may be brought against Surety and such other sureties, jointly and severally, or against any one or more of them, or against less than all of them without impairing the City's rights against the others.

Attachment "C"

No right of action shall accrue on this bond to or for the use of any person or corporation other than the City or its successors or assigns.

In the event suit is brought upon this bond by the City, Surety shall pay reasonable attorney's fees and costs incurred by the City in such suit.

IN WITNESS WHEREOF, the above-bound parties have executed this instrument under their seals this day of _____, 20____, the name and corporate seal of each corporate party being hereto affixed and these presents duly executed by its undersigned representative, pursuant to authority of its governing body.

Note:

*To be executed by Principal
and Surety with acknowledgment
and notarial seal attached.*

Principal

By _____

By _____

Surety

Address

By _____

By _____



Limited Asbestos Survey and Lead Based Paint Inspection Report

Property Address: 4701 Lone Tree Way Antioch, CA 94531

Conducted on: 01-27-2022

Project #: 9397

Prepared by:

Express Air Testing Inc.
2307 W. Victory Blvd.
Burbank, CA. 91506
Phone: (844) 846-8466

Prepared for:

City of Antioch
Attn: Carlos Z.
Phone: (925) 779-6953

1.0 Introduction

On the date of 01-27-2022, Express Air Testing Inc. (EATI) conducted a limited asbestos survey and X-Ray Fluorescence (XRF) lead inspection at the above referenced property. EATI collected bulk samples of building materials suspected to contain asbestos which are to be impacted during remediation activities. Additionally, EATI performed a limited XRF lead inspection of the painted surfaces or surface coatings to also be impacted during remediation activities.

All field activities were performed by Michael M. Weaver, a California Division of Occupational Safety and Health (DOSH) Certified Site Surveillance Technician (CSST #19-6437), and California Department of Public Health (CDPH) Certified Lead Sampling Technician (CDPH # 28868).

2.0 Asbestos Laboratory Accreditation & Analytical Methods

Samples collected for asbestos content were analyzed by Environmental Protection Agency (EPA) Method 600/R-93/116 and/or 600/M4-82-020 per the Code of Federal Regulations (CFR) Title 40 *Part* 763.86 using Polarized Light Microscopy (PLM) by the following independent and accredited laboratory:

- SGS Forensic Analytical Laboratories, Inc. - 3777 Depot Road Suite 409, Hayward, CA. 94545; Phone: (510) 887-2228 - National Voluntary Laboratory Accreditation Program (NVLAP) - Lab Code (101459-0).

3.0 Asbestos

3.1 Asbestos Sampling Protocol

Sampling activities were performed in compliance with the National Emissions Standard for Hazardous Air Pollutants (NESHAP) regulation 40 CFR (Code of Federal Regulations), Part 61, Subpart M, for the presence of asbestos. The Environmental Protection Agency (EPA) has designed a protocol in which the sampling of suspect materials is to take place. Bulk samples were collected from (suspect) asbestos containing materials, and homogeneous building materials, by extracting a representative section of the selected material. Materials shall be considered homogeneous if they are similar in appearance color and texture. A homogenous material shall be considered to contain asbestos if any of the samples collected representing that material indicate the presence of asbestos. Contrarily, a homogenous material shall be considered to not contain asbestos only if all of the samples collected representing that material indicate the absence of asbestos.

The EPA and California Occupational Safety and Health Administration (Cal-OSHA) have defined building materials containing asbestos as follows:

- **Asbestos-Containing-Material (ACM)** - any material containing greater than 1 percent (>1%) asbestos as determined by PLM, *40 Code of Federal Regulations (CFR) Part 61, Subpart M*.
- **Asbestos-Containing-Construction-Material (ACCM)** - any material containing less than one percent (<1%) asbestos and greater than one tenth of one percent (>0.1%) asbestos by weight, *California Code of Regulations (CCR), Title 8, Section 1529*.

3.2 Asbestos Sample Results

EATI collected a total of (8) bulk samples for asbestos content. In accordance with EPA bulk sampling method protocols, the laboratory must separate and analyze all layers within a single sample, resulting in additional sample analysis. The following table summarizes the building materials samples that were found to contain **no asbestos** based on the limitations of the analytical method:

Table I: Materials with No Asbestos Detected

Sample #	Material	Material Location
1	Multilayer Roofing	Roof - W. End
2	Multilayer Roofing	Roof - N/W End
3	Multilayer Roofing	Roof - N. End
4	Multilayer Roofing	Roof - N/E End
5	Multilayer Roofing	Roof - E. End
6	Roofing Mastic	Roof - W. End
7	Roofing Mastic	Roof - N. End
8	Roofing Mastic	Roof - E. End

Legend

* - Material contains trace amounts of asbestos and may be regulated under Cal/OSHA guidelines as an ACCM. The material may be required to be removed by an asbestos licensed contractor. However, the material is not considered asbestos waste.

CH – Chrysotile Asbestos

NAD – No Asbestos Detected

G = Good, D = Damaged, SD = Significantly Damaged

Friable- any material that can be crumbled, pulverized or reduced to powder by hand pressure.

A copy of the asbestos PLM analytical results and chain of custody are included as an attachment to this document.

3.3 Asbestos Recommendations

Due to the absence of asbestos in the above referenced materials, a California state licensed asbestos abatement contractor will not be required to remove the above referenced materials to be disturbed as a result of planned or other renovations to the subject property.

3.4 Disposal

Any materials containing greater than 1% asbestos are subject to regulations under EPA (National Emission Standards for Hazardous Air Pollutants [NESHAP]) governing the storage, transportation and disposal of **hazardous waste**. If any materials contain less than 1% asbestos (and no lead-based paint is present), these materials may be properly bagged and disposed of as construction debris. If neither asbestos nor lead-based-paint is present, the material may be disposed of as construction debris.

NESHAP and has allowed for the composite sampling of drywall and joint compound for disposal purposes *only*. If the drywall and joint compound composite sample results indicate a content of less than ($<$) 1% asbestos, the drywall and joint compound may be properly bagged and disposed of as construction debris, regardless of the asbestos content of the joint compound itself. If the drywall and joint compound composite sample results indicate a content of greater than ($>$) 1% asbestos, then this material must be disposed of as hazardous waste. If the drywall and joint compound contain a texture coating with an asbestos content greater than ($>$) 1%, the drywall and joint compound with texture coating must be disposed of as hazardous waste.

4.0 Lead

4.1 XRF Lead Inspection

EATI conducted a limited XRF lead inspection utilizing the Niton XLp 300A portable analyzer (Serial No. 92895). The purpose of the inspection was to determine if lead is present in the surfaces to be potentially disturbed. HUD Guidelines require a lead survey to occur on any structure built prior to the year 1978.

Results indicated by way of XRF analysis are provided in mg/cm². Lead levels as determined by way of XRF analysis are defined as follows:

- **The State of California** - defines lead-based paint as any paint or other surface coating containing greater than or equal to (\geq) 1.0 mg/cm²

4.2 XRF Lead Inspection Results

No lead-based paints were found by way of the XRF analysis. Cal-OSHA requires lead paint chip sampling to occur to determine whether a painted surface does not contain lead. *Lead paint chips were not collected as part of this limited XRF lead inspection.* Cal-OSHA also requires that initial employee exposure monitoring be conducted to evaluate work exposure during work that disturbs lead-containing material where lead is present in **any detectable level** (*CCR Title 8, Section 1532.1*)

Materials found to be Lead-Containing Paint (>0.05 mg/cm²) are as follows:

Sample	Sample Location	Color	Component	Substrate	Condition	XRF Reading mg/cm ²
L-1	Roof - N/W End	Blue	Roof System	Metal	Intact	0.2

4.3 Lead Recommendations

Due to the findings in Section 4.2, lead-trained personnel will be required to perform all work that will disturb any lead-based and/or lead-containing paints as a result of planned or other renovations to the subject property. Lead safe work practices and/or abatement shall take place in compliance with all applicable local, state and federal regulations governing lead in construction. Cal-OSHA requires that initial employee exposure monitoring be conducted to evaluate work exposure during work that disturbs lead-containing material where lead is present in **any detectable level**. (*CCR Title 8, Section 1532.1*)..

4.4 Disposal

If any lead-based paints were found at or above 1.0 mg/cm², Total Threshold Limit Concentration (TTLC) sampling and analysis should occur for waste characterization purposes in California, however if lead concentrations are <1.0 mg/cm² and the paint is present on non-asbestos-containing materials, the waste may be properly disposed of as construction debris.

Limitations

Although Express Air Testing Inc. has taken several precautions in order to find all of the visible suspect asbestos-containing-materials and/or lead-containing-paints present, several factors can hinder the findings at the time of the survey. The following factors should always be considered:

- Additional suspect materials could be located between walls, in voids, or in other concealed areas previously inaccessible. If any suspect materials or painted surfaces are found which have not been represented in this report, EATI recommends that work stops until those materials can be assessed and sampled for asbestos and/or lead content. Furthermore, this is a limited survey. Additional suspect materials and paints may be present outside of the affected areas sampled. The survey was conducted in conformance with generally accepted current standards for identifying and evaluating lead-based paints on building materials.
- EATI does not warrant, guarantee or profess to have the ability to locate or identify all asbestos-containing materials and lead based paint in a facility.
- Confined spaces, and areas determined by EATI personnel as unsafe to access, are excluded from the scope of work.
- EATI is not responsible for the validity of the laboratory data. We merely interpret the results provided by the laboratory analysis.
- EATI does not guarantee or warrant that the facility or workplace is safe; nor does EATI's involvement in this property relieve the Client, building owner/operator or tenant of any continuing responsibility of providing a safe facility or living space.
- This report was based on those conditions observed on the day the field evaluation was accomplished. In the event that changes in the nature of the property have occurred, or additional relevant information about the property is subsequently discovered, the findings contained in this report may not be valid unless these changes and additional relevant information are reviewed and the conclusion of this report is modified and verified in writing.

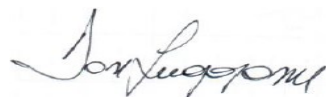
If you have any questions or concerns, feel free to contact us at 818.842.5518. On behalf of Express Air Testing, we would like to thank you for the opportunity to be of service.

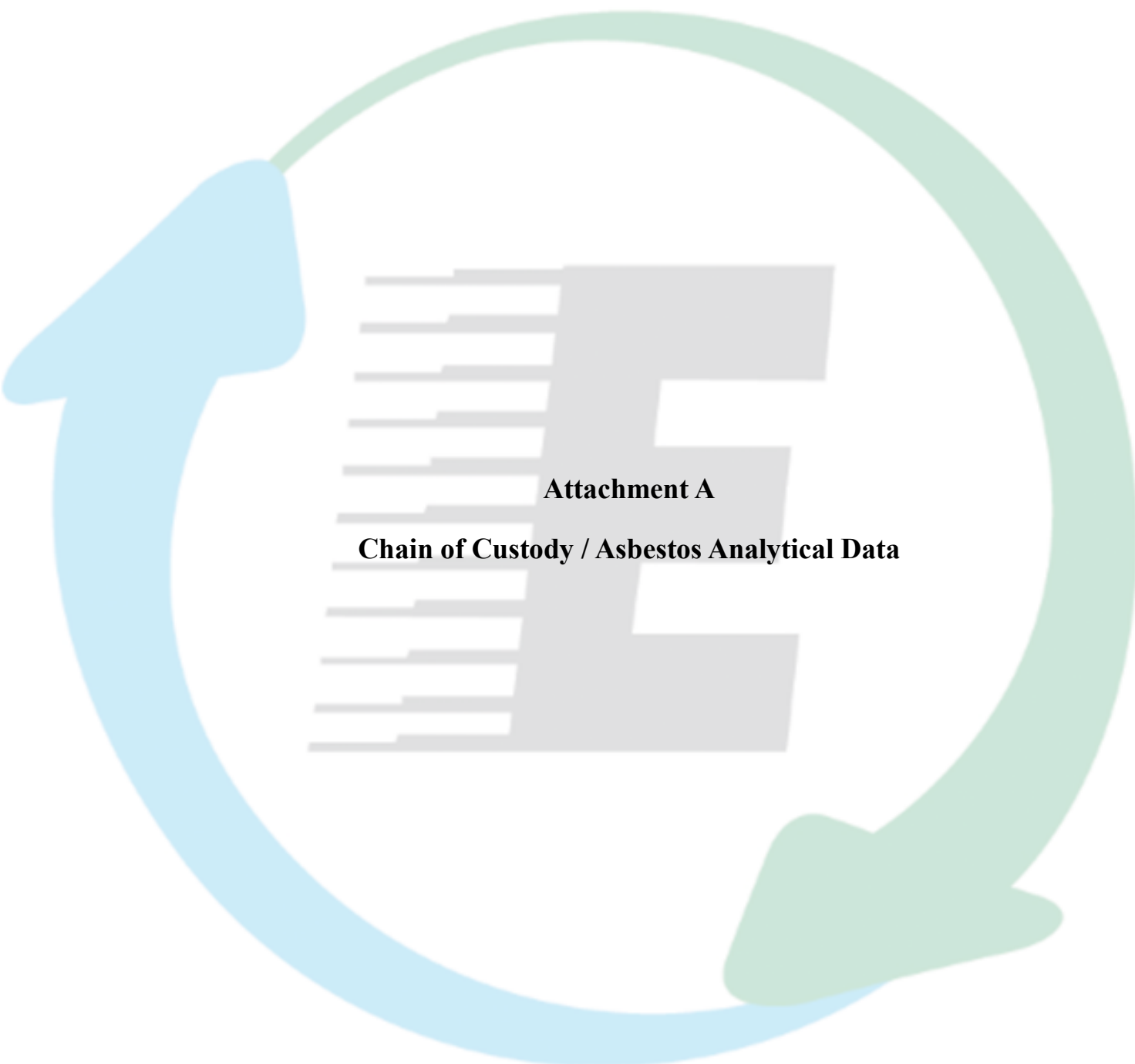
Express Air Testing Inc.

Dan Lugojanu

DOSH Certified Asbestos Consultant (CAC#18-6263)

CDPH Certified Lead Inspector/Risk Assessor (CDPH#28599)

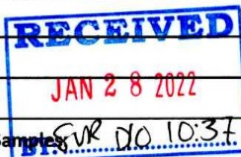






ASBESTOS SAMPLES CHAIN OF CUSTODY

Analytical Method: <input checked="" type="checkbox"/> PLM <input type="checkbox"/> Other					
Turnaround Time					
1-4Hr <input checked="" type="checkbox"/> 4-8Hr <input type="checkbox"/> 24Hr <input type="checkbox"/> Other <input type="checkbox"/>					
<input checked="" type="checkbox"/> CHECK FOR FIRST POSITIVE STOP					
Survey Date: <u>1.27.2022</u>			Project Number: <u>9397</u>		
Project Name:			Client Name: <u>CITY OF ANTIOCH</u>		
Project Address: <u>4701 LONG TREE WAY</u>			Samples Collected By: <u>MICHAEL WEAVER</u>		
<u>ANTIOCH, CA 94531</u>			Lab: <u>SGS HAYWARD</u>		
SPECIAL INSTRUCTIONS:					
SAMPLE #	MATERIAL DESCRIPTION	SAMPLE LOCATION	CONDITION	FRIABLE	SQUARE FOOTAGE
1	MULTI LAYER ROOFING	ROOF - W. END	GOOD	NO	APPROX. - 1,200SF
2	↓	- N/W END	↓	↓	↓
3		- N. END	↓	↓	↓
4		- N/E END	↓	↓	↓
5		- E. END	↓	↓	↓
6		ROOFING MASTIC	ROOF - W. END	GOOD	NO
7	↓	- N. END	↓	↓	↓
8	↓	- E. END	↓	↓	↓
Total # of Samples					<u>8</u>



Relinquished By: (print) MICHAEL WEAVER Signature: [Signature] Date: 1.27.22 Time: _____

Received By: (print) _____ Signature: _____ Date: _____ Time: _____

Express Air Testing Inc. 1723 W. Burbank Blvd. Burbank, CA. 91506 Phone: 844-846-8466 Email: Info@Expressairtesting.com



**FORENSIC
LABORATORIES**

Final Report

Bulk Asbestos Analysis

(EPA Method 40CFR, Part 763, Appendix E to Subpart E and EPA 600/R-93-116, Visual Area Estimation)
NVLAP Lab Code: 101459-0

Express Air Testing Inc.
Dan Lugojanu
2307 W. Victory Blvd.

Burbank, CA 91506

Client ID: L1738
Report Number: B328463
Date Received: 01/28/22
Date Analyzed: 01/28/22
Date Printed: 01/28/22
First Reported: 01/28/22

Job ID/Site: 9397 - City of Antioch, 4701 Lone Tree Way, Antioch, CA 94531

SGSFL Job ID: L1738
Total Samples Submitted: 8
Total Samples Analyzed: 8

Date(s) Collected: 01/27/2022

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
1	12525875						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (2 %) Fibrous Glass (20 %) Synthetic (20 %)							
Comment: Bulk complex sample.							
2	12525876						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (2 %) Fibrous Glass (20 %) Synthetic (20 %)							
Comment: Bulk complex sample.							
3	12525877						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (2 %) Fibrous Glass (20 %) Synthetic (20 %)							
Comment: Bulk complex sample.							

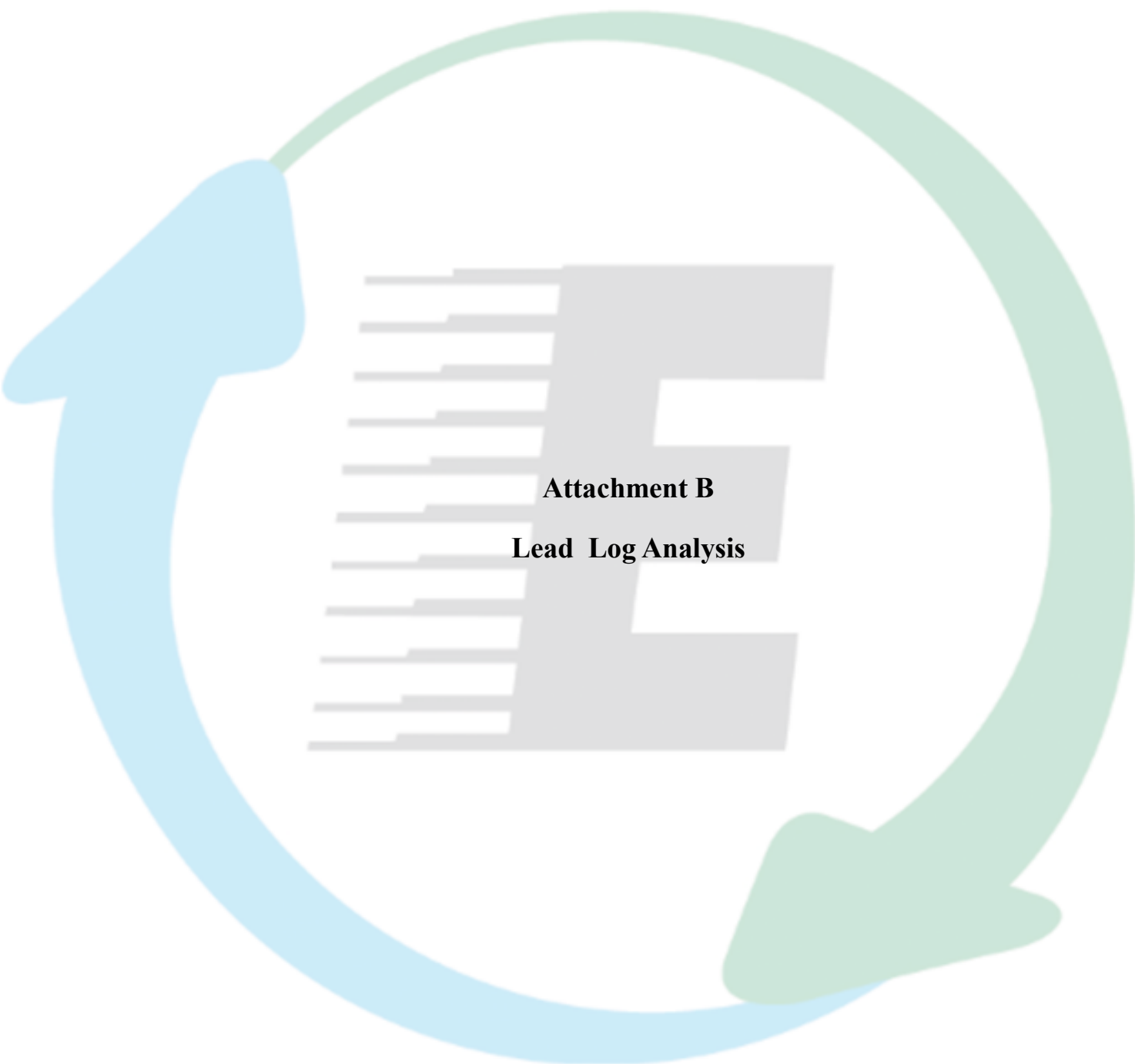
Client Name: Express Air Testing Inc.				Report Number: B328463			
				Date Printed: 01/28/22			
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
4	12525878						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (2 %) Fibrous Glass (20 %) Synthetic (20 %)							
Comment: Bulk complex sample.							
5	12525879						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (2 %) Fibrous Glass (20 %) Synthetic (20 %)							
Comment: Bulk complex sample.							
6	12525880						
Layer: Black Mastic			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (10 %) Synthetic (10 %)							
7	12525881						
Layer: Black Mastic			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (10 %) Synthetic (10 %)							
8	12525882						
Layer: Black Mastic			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (10 %) Synthetic (10 %)							



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

Analytical results and reports are generated by SGS Forensic Laboratories (SGSFL) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by SGSFL to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by SGSFL. The client is solely responsible for the use and interpretation of test results and reports requested from SGSFL. SGSFL is not able to assess the degree of hazard resulting from materials analyzed. SGS Forensic Laboratories reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.

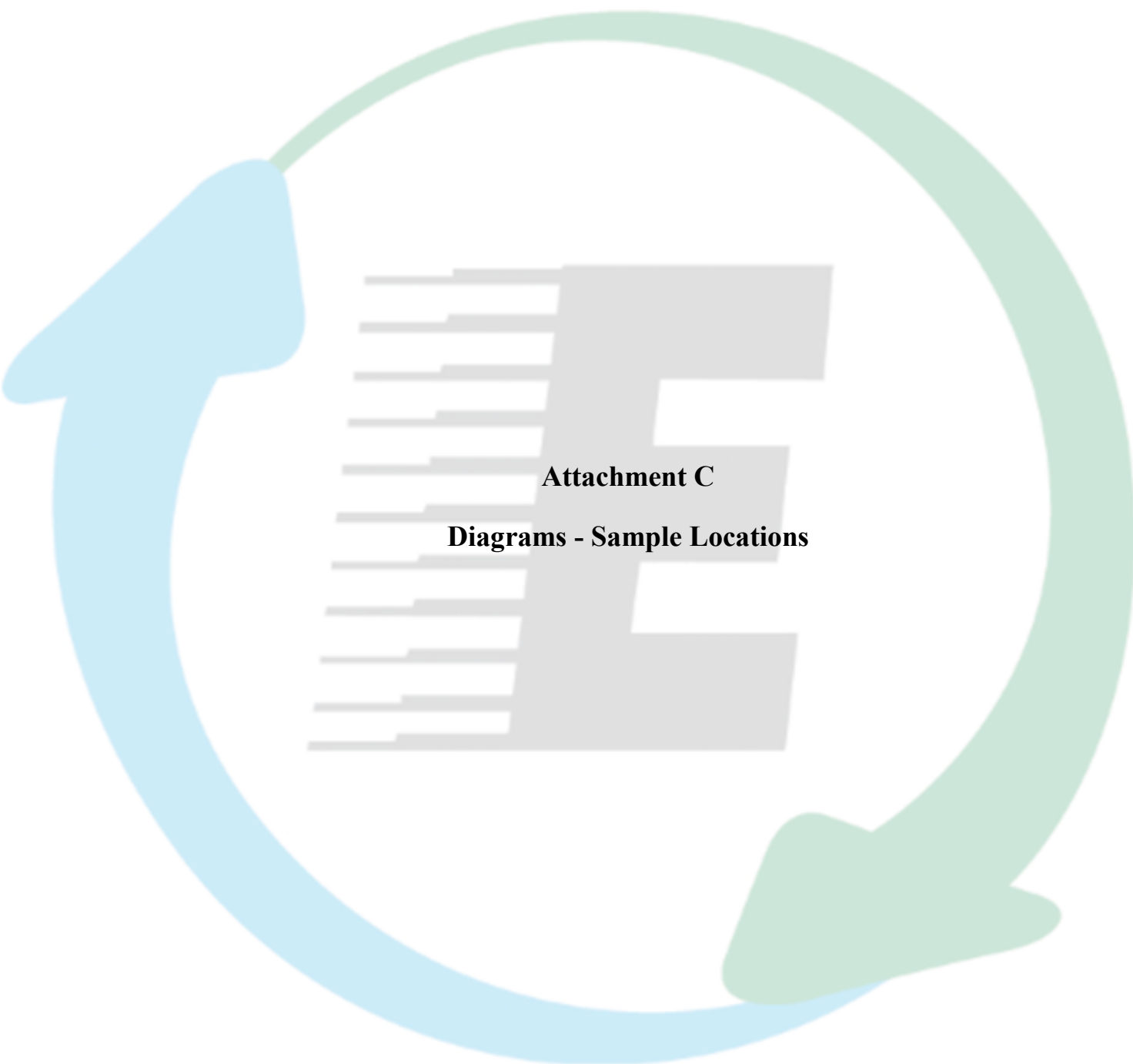


Project Number: 9397
Project Address: 4701 LONE TREE WAY
ANTIOCH, CA 94531

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Analyzed By: (print) MICHAEL WEAVER Signature: Date: 1.27.22 Time:

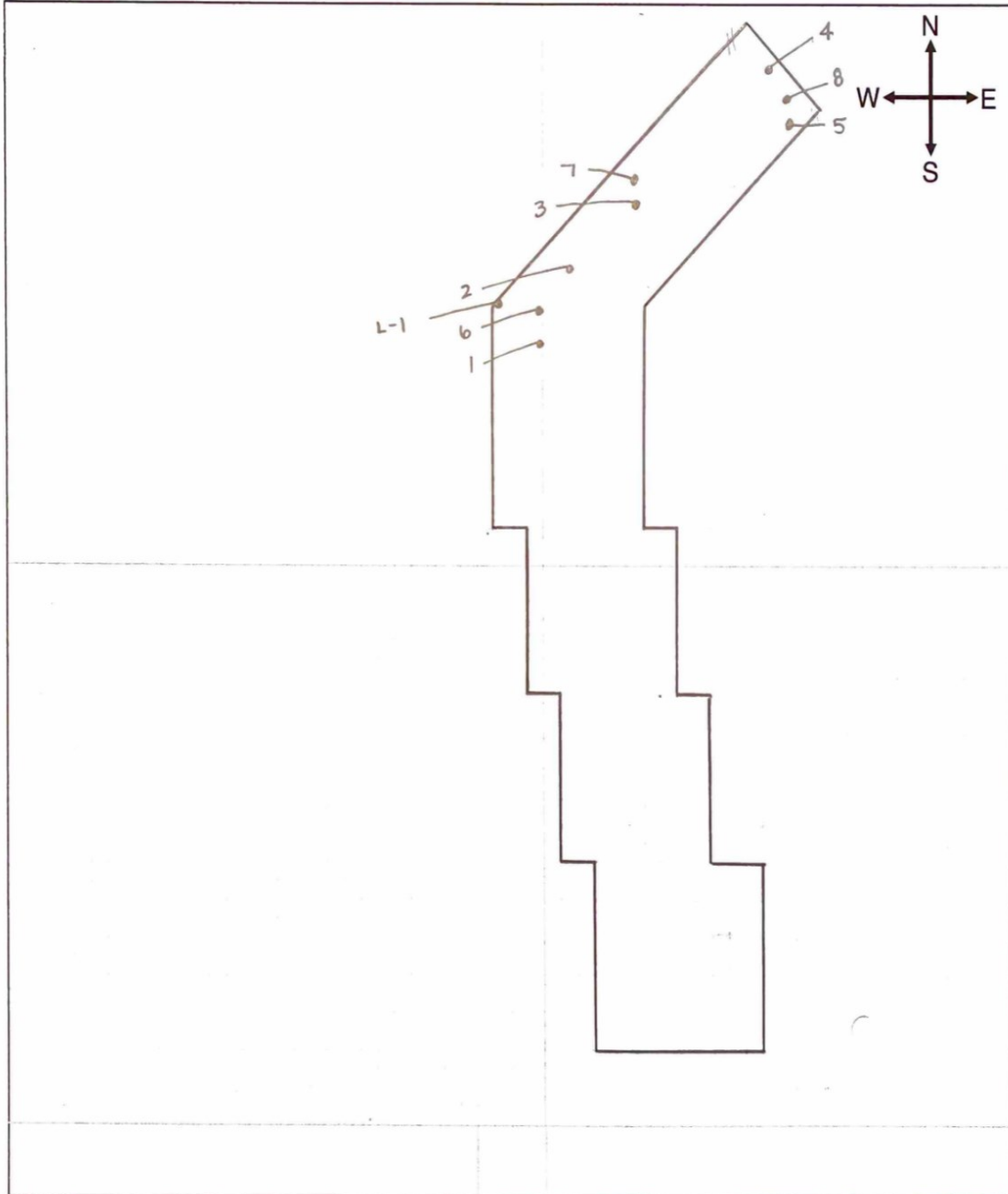
Express Air Testing Inc. 2307 W. Victory Blvd. Burbank, CA. 91506 Phone: 844-846-8466 Email: Info@Expressairtesting.com





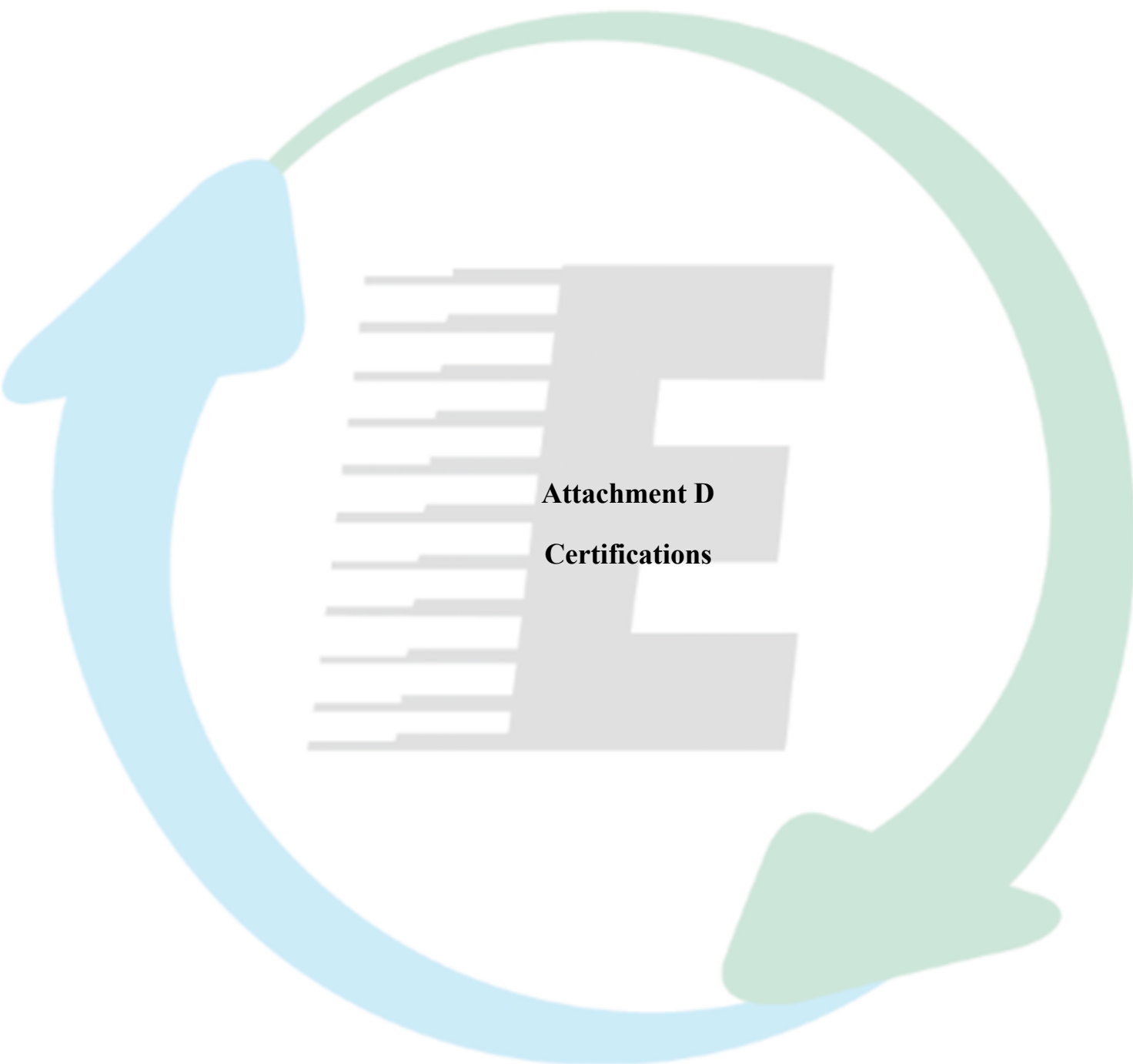
Project Number: 9397
 Project Name: CITY OF ANTIOCH
 Project Address: 4701 LONE TREE WAY
ANTIOCH, CA 94531

FLOOR PLAN DIAGRAM



NOTES: NOT TO SCALE

Express Air Testing Inc. 1723 W. Burbank Blvd. Burbank, CA. 91506 Phone: 844-846-8466 Email: Info@Expressairtesting.com







Limited Asbestos Survey Report

Property Address: 401 Putnam Street Antioch, CA 94509

Conducted on: 01-27-2022

Project #: 9398

Prepared by :

Express Air Testing Inc.
2307 W. Victory Blvd.
Burbank, CA. 91506
Phone: (844) 846-8466

Prepared for:

City of Antioch
Attn: Carlos Z.
Phone: (925) 779-6953

1.0 Introduction

On the date of 01-27-2022, Express Air Testing Inc. (EATI) conducted a limited asbestos survey at the above referenced property. EATI collected bulk samples of building materials suspected to contain asbestos which are to be impacted during remediation activities.

All field activities were performed by Michael M. Weaver, a California Division of Occupational Safety and Health (DOSH) Certified Site Surveillance Technician (CSST #19-6437), and California Department of Public Health (CDPH) Certified Lead Sampling Technician (CDPH # 28868).

2.0 Asbestos Laboratory Accreditation & Analytical Methods

Samples collected for **Asbestos** content were analyzed by Environmental Protection Agency (EPA) Method 600/R-93/116 per the Code of Federal Regulations (CFR) Title 40 *Part* 763.86 using Polarized Light Microscopy (PLM) by the following independent and accredited laboratory:

- SGS Forensic Analytical Laboratories, Inc. - 3777 Depot Road Suite 409, Hayward, CA. 94545; Phone: (510) 887-2228 - National Voluntary Laboratory Accreditation Program (NVLAP) - Lab Code (101459-0).

3.0 Asbestos

3.1 Asbestos Sampling Protocol

Sampling activities were performed in compliance with the National Emissions Standard for Hazardous Air Pollutants (NESHAP) regulation 40 CFR (Code of Federal Regulations), Part 61, Subpart M, for the presence of asbestos. The Environmental Protection Agency (EPA) has designed a protocol in which the sampling of suspect materials is to take place. Bulk samples were collected from (suspect) asbestos containing materials, and homogeneous building materials, by extracting a representative section of the selected material. Materials shall be considered homogeneous if they are similar in appearance color and texture. A homogenous material shall be considered to contain asbestos if any of the samples collected representing that material indicate the presence of asbestos. Contrarily, a homogenous material shall be considered to not contain asbestos only if all of the samples collected representing that material indicate the absence of asbestos.

The EPA and California Occupational Safety and Health Administration (Cal-OSHA) have defined building materials containing asbestos as follows:

- **Asbestos-Containing-Material (ACM)** - any material containing greater than 1 percent (>1%) asbestos as determined by PLM, *40 Code of Federal Regulations (CFR) Part 61, Subpart M*.
- **Asbestos-Containing-Construction-Material (ACCM)** - any material containing less than one percent (<1%) asbestos and greater than one tenth of one percent (>0.1%) asbestos by weight, *California Code of Regulations (CCR), Title 8, Section 1529*.

3.2 Asbestos Sample Results

EATI collected a total of (18) bulk samples for asbestos content. In accordance with EPA bulk sampling method protocols, the laboratory must separate and analyze all layers within a single sample, resulting in additional sample analysis. The following table summarizes the building materials samples that were found to contain **no asbestos** based on the limitations of the analytical method:

Table I: Materials with No Asbestos Detected

Sample #	Material	Material Location
1	Foam Roof System	Roof #6 -N/E End
2	Foam Roof System	Roof #7 - N/E End
3	Foam Roof System	Roof #7 - S/E End
4	Roof Mastic	Roof #7 - W. End
5	Roof Mastic	Roof #7 - E. End
6	Roof Mastic	Roof #7 - S. End
7	Foam	Roof #7 - W. End
8	Foam	Roof #7 - W. End
9	Foam	Roof #7 - S/W End
10	Foam Roof System	Roof #1 - N/E End
11	Foam Roof System	Roof #1 - W. End
12	Foam Roof System	Roof #1 - S/E End
13	Multi Layer Roofing	Roof #10 - S. End
14	Multi Layer Roofing	Roof #10 - W. End
15	Multi Layer Roofing	Roof #10 - N/E End
16	Roof Mastic	Roof #10 - S/W End
17	Roof Mastic	Roof #10 - N/W End
18	Roof Mastic	Roof #10 - S/E End

Legend

* - Material contains trace amounts of asbestos and may be regulated under Cal/OSHA guidelines as an ACCM. The material may be required to be removed by an asbestos licensed contractor. However, the material is not considered asbestos waste.

CH – Chrysotile Asbestos

NAD – No Asbestos Detected

G = Good, D = Damaged, SD = Significantly Damaged

Friable- any material that can be crumbled, pulverized or reduced to powder by hand pressure.

A copy of the asbestos PLM analytical results and chain of custody are included as an attachment to this document.

3.3 Asbestos Recommendations

Due to the absence of asbestos in the above referenced materials, a California state licensed asbestos abatement contractor will not be required to remove the above referenced materials to be disturbed as a result of planned or other renovations to the subject property.

3.4 Disposal

Any materials containing greater than 1% asbestos are subject to regulations under EPA (National Emission Standards for Hazardous Air Pollutants [NESHAP]) governing the storage, transportation and disposal of **hazardous waste**. If any materials contain less than 1% asbestos (and no lead-based paint is present), these materials should be properly bagged and disposed of as construction debris. If neither asbestos nor lead-based-paint is present, the material may be disposed of as construction debris.

NESHAP has allowed for the composite sampling of drywall and joint compound for disposal purposes *only*. If the drywall and joint compound composite sample results indicate a content of less than ($<$) 1% asbestos, the drywall and joint compound may be properly bagged and disposed of as construction debris, regardless of the asbestos content of the joint compound itself. If the drywall and joint compound composite sample results indicate a content of greater than ($>$) 1% asbestos, then this material must be disposed of as hazardous waste. If the drywall and joint compound contain a texture coating with an asbestos content greater than ($>$) 1%, the drywall and joint compound with texture coating must be disposed of as hazardous waste.

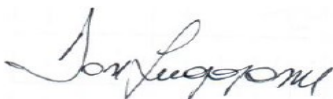
Limitations

Although Express Air Testing Inc. has taken several precautions in order to find all of the visible suspect asbestos-containing-materials and/or lead-containing-paints present, several factors can hinder the findings at the time of the survey. The following factors should always be considered:

- Additional suspect materials could be located between walls, in voids, or in other concealed areas previously inaccessible. If any suspect materials or painted surfaces are found which have not been represented in this report, EATI recommends that work stops until those materials can be assessed and sampled for asbestos and/or lead content. Furthermore, this is a limited survey. Additional suspect materials and paints may be present outside of the affected areas sampled. The survey was conducted in conformance with generally accepted current standards for identifying and evaluating lead-based paints on building materials.
- EATI does not warrant, guarantee or profess to have the ability to locate or identify all asbestos-containing materials and lead based paint in a facility.
- Confined spaces, and areas determined by EATI personnel as unsafe to access, are excluded from the scope of work.
- EATI is not responsible for the validity of the laboratory data. We merely interpret the results provided by the laboratory analysis.
- EATI does not guarantee or warrant that the facility or workplace is safe; nor does EATI's involvement in this property relieve the Client, building owner/operator or tenant of any continuing responsibility of providing a safe facility or living space.
- This report was based on those conditions observed on the day the field evaluation was accomplished. In the event that changes in the nature of the property have occurred, or additional relevant information about the property is subsequently discovered, the findings contained in this report may not be valid unless these changes and additional relevant information are reviewed and the conclusion of this report is modified and verified in writing.

If you have any questions or concerns, feel free to contact us at 844.846.8466. On behalf of Express Air Testing, we would like to thank you for the opportunity to be of service.

Express Air Testing Inc.
Dan Lugojanu
DOSH Certified Asbestos Consultant (CAC#18-6263)





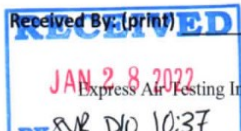


ASBESTOS SAMPLES CHAIN OF CUSTODY

Analytical Method: <input checked="" type="checkbox"/> PLM <input type="checkbox"/> Other					
Turnaround Time					
1-4Hr <input checked="" type="checkbox"/> 4-8Hr <input type="checkbox"/> 24Hr <input type="checkbox"/> Other <input type="checkbox"/>					
<input checked="" type="checkbox"/> CHECK FOR FIRST POSITIVE STOP					
Survey Date: 1. 27. 2022			Project Number: 9398		
Project Name:			Client Name: CITY OF ANTIOCH		
Project Address: 401 PUTNAM ST. ANTIOCH, CA 94509			Samples Collected By: MICHAEL WEAVER		
			Lab: SCIS - HAWARD		
SPECIAL INSTRUCTIONS:					
SAMPLE #	MATERIAL DESCRIPTION	SAMPLE LOCATION	CONDITION	FRIABLE	SQUARE FOOTAGE
1	FOAM ROOF SYSTEM	ROOF #6 - N/E END	GOOD	NO	APPROX. - 900SF
2	↓	ROOF #7 - N/E END	↓	↓	
3	↓	↓ - S/E END	↓	↓	
4	ROOF MASTIC	ROOF #7 - W. END	GOOD	NO	APPROX. - 50SF
5	↓	↓ - E. END	↓	↓	↓
6	↓	↓ - S. END	↓	↓	↓
7	FOAM	ROOF #7 - W. END	GOOD	NO	APPROX. - 50SF
8	↓	↓ - W. END	↓	↓	↓
9	↓	↓ - S/W END	↓	↓	↓
10	FOAM ROOF SYSTEM	ROOF #1 - N/E END	GOOD	NO	APPROX. - 900SF
11	↓	↓ - W. END	↓	↓	↓
12	↓	↓ - S/E END	↓	↓	↓
13	MULTI LAYER ROOFING	ROOF #10 - S. END	GOOD	NO	APPROX. - 900SF
14	↓	↓ - W. END	↓	↓	↓
15	↓	↓ - N/E END	↓	↓	↓
16	ROOF MASTIC	ROOF #10 - S/W END	GOOD	NO	APPROX. - 20SF
Total # of Samples:					16 OF 18

Relinquished By: (print) MICHAEL WEAVER Signature:  Date: 1. 27. 22 Time: _____

Received By: (print) _____ Signature: _____ Date: _____ Time: _____



Express Air Testing Inc. 1723 W. Burbank Blvd. Burbank, CA. 91506 Phone: 844-846-8466 Email: Info@Expressairtesting.com 1 of 2

[illegible]

Relinquished By: (print) MICHAEL WEAVER Signature: [Signature] Date: 1.27.22 Time: _____

Received By: (print) _____ Signature: _____ Date: _____ Time: _____



**FORENSIC
LABORATORIES**

Final Report

Bulk Asbestos Analysis

(EPA Method 40CFR, Part 763, Appendix E to Subpart E and EPA 600/R-93-116, Visual Area Estimation)
NVLAP Lab Code: 101459-0

Express Air Testing Inc.
Dan Lugojanu
2307 W. Victory Blvd.

Burbank, CA 91506

Client ID: L1738
Report Number: B328464
Date Received: 01/28/22
Date Analyzed: 01/28/22
Date Printed: 01/28/22
First Reported: 01/28/22

Job ID/Site: 9398 - City Of Antioch - 401 Putnam St . Antioch , Ca 94509

SGSFL Job ID: L1738
Total Samples Submitted: 18
Total Samples Analyzed: 18

Date(s) Collected: 01/27/2022

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
1	12525883						
Layer: White Coating			ND				
Layer: Yellow Foam			ND				
Layer: Tan Mastic Fibrous Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (20 %)							
2	12525884						
Layer: White Coating			ND				
Layer: Yellow Foam			ND				
Layer: Tan Mastic Fibrous Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (20 %)							
3	12525885						
Layer: White Coating			ND				
Layer: Yellow Foam			ND				
Layer: Tan Mastic Fibrous Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (20 %)							
4	12525886						
Layer: Grey Mastic			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
5	12525887						
Layer: Grey Mastic			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
6	12525888						
Layer: Grey Mastic			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							

1 of 4

3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

Client Name: Express Air Testing Inc.				Report Number: B328464			
				Date Printed: 01/28/22			
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
7	12525889						
Layer: Yellow Foam			ND				
Layer: Grey Coating			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
8	12525890						
Layer: Yellow Foam			ND				
Layer: Grey Coating			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
9	12525891						
Layer: Yellow Foam			ND				
Layer: Grey Coating			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
10	12525892						
Layer: Grey Coating			ND				
Layer: Yellow Foam			ND				
Layer: Tan Mastic Fibrous Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (20 %)							
11	12525893						
Layer: Grey Coating			ND				
Layer: Yellow Foam			ND				
Layer: Tan Mastic Fibrous Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (20 %)							
12	12525894						
Layer: Grey Coating			ND				
Layer: Yellow Foam			ND				
Layer: Tan Mastic Fibrous Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (20 %)							
13	12525895						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (2 %) Fibrous Glass (20 %) Synthetic (20 %)							
Comment: Bulk complex sample.							

Client Name: Express Air Testing Inc. **Report Number:** B328464
Date Printed: 01/28/22

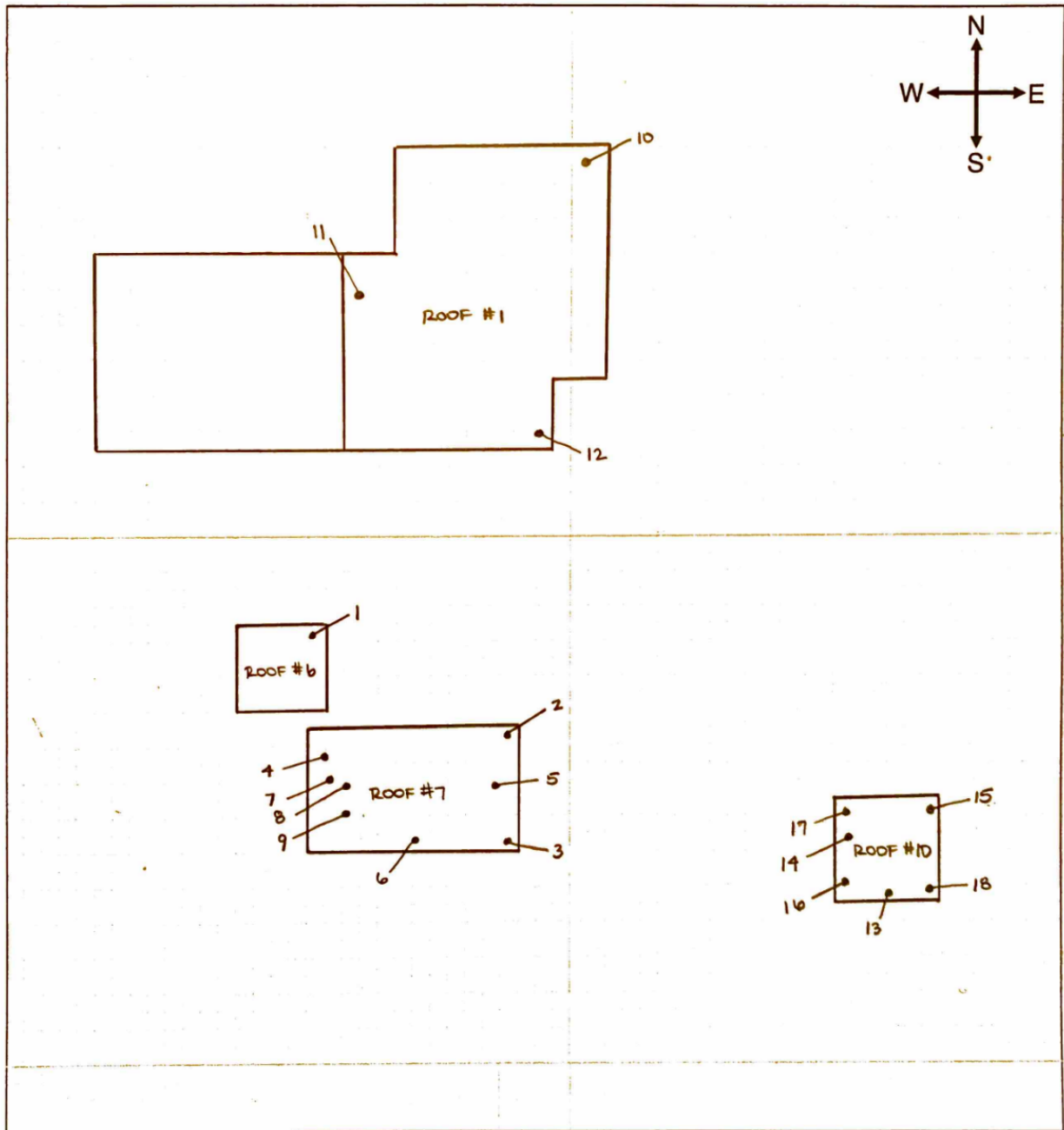
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
14	12525896						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (2 %) Fibrous Glass (20 %) Synthetic (20 %)							
Comment: Bulk complex sample.							
15	12525897						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (2 %) Fibrous Glass (20 %) Synthetic (20 %)							
Comment: Bulk complex sample.							
16	12525898						
Layer: Black Mastic			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
17	12525899						
Layer: Black Mastic			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
18	12525900						
Layer: Black Mastic			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							





Project Number: 9398
 Project Name: CITY OF ANTIOCH
 Project Address: 401 PUTNAM ST.
ANTIOCH, CA 94509

FLOOR PLAN DIAGRAM



NOTES: NOT TO SCALE

Express Air Testing Inc. 1723 W. Burbank Blvd. Burbank, CA. 91506 Phone: 844-846-8466 Email: Info@Expressairtesting.com



