

CITY OF CARSON

LOS ANGELES COUNTY, CALIFORNIA

CONTRACT DOCUMENTS AND SPECIFICATIONS

FOR

CITY OF CARSON

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET

RFP P17-17

CITY OF CARSON

AND

CARSON HOUSING AUTHORITY LOS ANGELES COUNTY, CALIFORNIA CONTRACT DOCUMENTS AND SPECIFICATIONS

FOR

DEMOLITION PROJECT AT

RFP P17-17

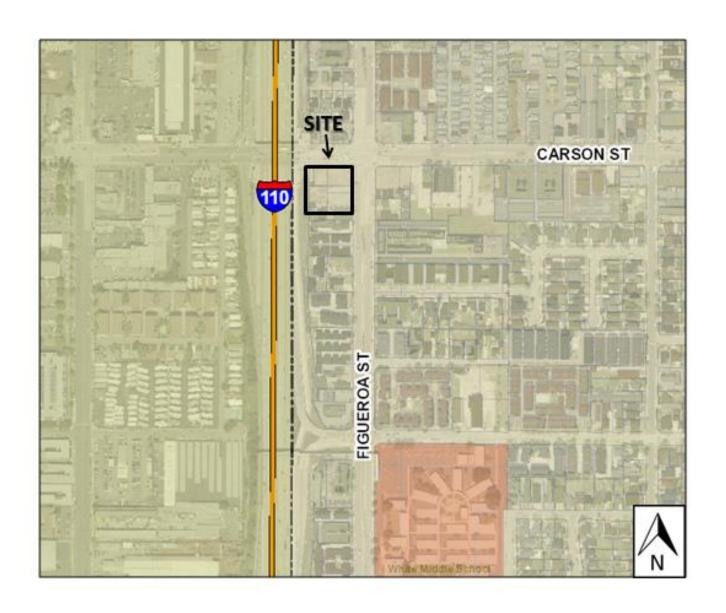
21723-21725 FIGUEROA STREET

Prepared by:

CARSON HOUSING AUTHORITY

LOCATION MAP

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET RFP P17-17



SPECIFICATIONS

FOR

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET RFP P17-17

Proposals will be received on behalf of Owner via Plant Bids before 10.00 A.M. on Wednesday, July 12, 2017. Paper copies will not be accepted.

File: Document1

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CITY OF CARSON 701 EAST CARSON STREET CARSON, CALIFORNIA 90745

REQUEST FOR CONSTRUCTION BIDS

FOR DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET NOTICE IS HEREBY GIVEN THAT THE

Purchasing Manager of the City of Carson will receive formal bids for:

RFP P17-17

BIDS MUST BE SUBMITTED ELECTRONICALLY USING PLANET BIDS. TO ACCESS AND REGISTER FOR THIS PROPOSAL, PLEASE VISIT http://ci.carson.ca.us/finance/purchasing.aspx or go to the city's website and click on the link "BIDDING/RFP OPPORTUNITIES".

Bids must be **submitted**, **no later than 10:00 a.m. on Wednesday**, **the 12th day of July 2017**, to the Purchasing Manager/City Council for award of the purchase contract or rejection of the bids as the Purchasing Manager/City Council may deem wise in their discretion. Bids received after 10:00 a.m. will be considered late.

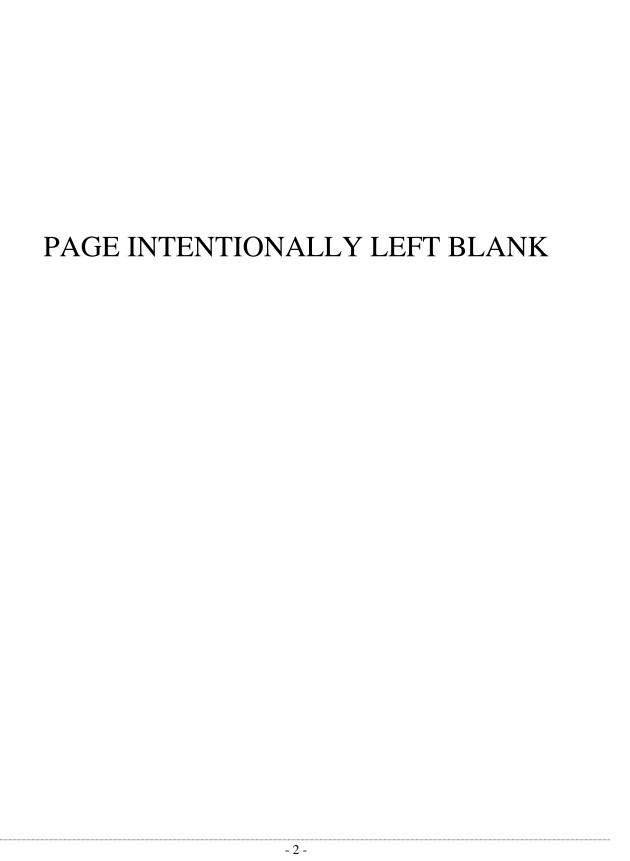
It is the policy of the City of Carson to reject any proposal that is received late. A mandatory pre-bid walk through will be held on Thursday, July 6, 2017 at 21723 Figueroa Street at 10:00 A.M.

Prevailing Wages and Contractor Registration Requirements. Contractor shall comply with the requirements of SB 854. SB 854 requires all contractors bidding on public works projects to register with the DIR and to pay an annual fee. SB 854 requires that contractors and subcontractors must register in order to submit a bid and be awarded a contract. SB the registration requires contractors to provide the State with evidence of the contractors' compliance with a number of statutory requirements. Bidders are advised that this Contract is a public work for purpose of the California Labor Code, which requires payment of prevailing wages. Owner has obtained from the Director of the DIR the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work.

The contractor shall at the time of award possess a valid State of California Contractors License, License <u>C-21</u> or equivalent.

DATED THIS 27th DAY OF JUNE 2017 CITY OF CARSON

ZACHARY WULF, PURCHASING MANAGER



INSTRUCTIONS TO BIDDERS

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET RFP P17-17

FORM OF PROPOSAL

The Proposal shall be fully executed and submitted on the forms provided by the Owner.

PROPOSAL DOCUMENTS

All Proposals shall include the following executed documents to be submitted with each bid:

Bidding Schedule

Bidder's Declaration

Equal Opportunity Certification

Non-Collusion Affidavit

Bid Bond

Designation of Subcontractors

Construction Project Reference

Bidder's Assurance

Certificate of Non-Discrimination by Contractors

Project Labor Agreement - Letter of Assent

DELIVERY OF PROPOSAL

The Proposal shall be delivered by the time and to the place stipulated in the Request for Construction Bids. It is the bidder's sole responsibility to see that its Proposal is received as stipulated. Any Proposal received after the scheduled closing time for receipt of proposals will be rejected.

- 3 -

WITHDRAWAL OF PROPOSAL

The Proposal may be withdrawn by the bidder by means of a written request, signed by the bidder or its properly authorized representative. Such written request must be delivered to the place stipulated in the Request for Construction Bids for receipt of proposals, prior to the scheduled closing time for receipt of proposals. No Proposal may be withdrawn after the hour fixed for opening bids.

MODIFICATIONS AND ALTERNATIVE PROPOSALS

Unauthorized conditions, limitations, or provisions attached to the Proposal will render it informal and may cause its rejection. The completed Proposal forms shall be without interlineations, alterations, or erasures. Alternative proposals will not be considered unless specifically requested. Oral, telegraphic, or telephonic proposals or modifications will not be considered.

DISCREPANCIES IN PROPOSALS

In the event there is more than one bid item in a Bidding Schedule, the bidder shall furnish a price for all bid items in the Schedule, and failure to do so will render the Proposal informal and may cause its rejection. The bidder shall state in figures the unit prices or the specific sums as the case may be, for which it proposes to supply the labor, materials, supplies, or machinery, and completely perform the Contract. The total amount of each item bid and the total amount of the bid shall be stated in figures.

If the unit price and the total amount named by a bidder for any items are not in agreement, the unit price alone, will be considered as representing the bidder's intention and the total will be corrected to conform thereto.

PROPOSAL GUARANTEE

Each bidder shall submit with his Proposal an unconditional certified or cashier's check, or a bidder's bond, in the sum of the percentage of the bid stated in the Request for Construction Bids, payable to the Owner as a guarantee that the bidder will, if its Proposal is accepted, execute the Contract and furnish a satisfactory Faithful Performance Bond, a satisfactory Payment Bond and insurance certificates as specified herein.

If a bidder to whom an award is made, fails or refuses to sign the Contract or furnish the required bonds and certificates, all within the time stated in Section 2-1.5 of the Special Provisions bound herein, the funds represented by said check or bidder's bond shall be forfeited and become and

remain the property of the Owner; the amount thereof being agreed to by the bidder and the surety as liquidated damages due the Owner because of the delay in the execution of the Contract and in the performance of work thereunder, resulting from such failure or refusal, except that if the Owner awards the contract to the next lowest bidder, only that portion of the bidder's security equal to the difference between the two bids will be forfeited.

A Bid Bond must be obtained from a corporate surety authorized to do business as such in the State of California and should be on the form furnished by the Owner or one substantially in conformance with it. Certified or cashier's checks must be drawn on a solvent state or national bank or branch thereof in the State of California. The liability of the Owner in connection with the checks shall be limited to the return of the checks as provided in Section 2-1.6 of the Special Provisions bound herein.

DISQUALIFICATION OF BIDDERS

A person, firm, or corporation shall NOT be allowed to make or file, or to be interested in, more than one bid, except an alternative bid when specifically requested; provided, however, a person, firm, or corporation who has submitted a subproposal to a bidder submitting a Proposal, or who has quoted prices on materials to such bidders, is not thereby disqualified from submitting a subproposal or from quoting prices to other bidders submitting proposals, or from submitting a Proposal as a prime contractor.

ADDITIONAL REQUIREMENTS

The bidder's attention is directed to the Special Provisions and Technical Provisions bound herein for additional requirements of the Proposal and Contract Documents.

FAIR EMPLOYMENT PRACTICES DOCUMENTS

Fair Employment Practices Documents are to be submitted by the low bidder within <u>three days</u> following the opening of bids. See enclosed instructions and documents.

Prevailing Wages and Contractor Registration Requirements. Contractor shall comply with the requirements of SB 854. SB 854 requires all contractors bidding on public works projects to resgister with the DIR and to pay an annual fee. SB 854 requires that contractors and subcontractors must register in order to submit a bid and be awarded a contract. SB the registration requires contractors to provide the State with evidence of the contractors' compliance with a number of statutory requirements. Bidders are advised that this Contract is a public work for purpose of the California Labor Code, which requires payment of prevailing wages. Owner has obtained from the Director of the DIR the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work.

INTERPRETATION OF BID DOCUMENTS

The City of Carson Housing Authority has designated Ms. Amelia Soto as primary contact. Ms. Soto can be reached at Tel. 310-952-1768. Any request for interpretation or clarification of the Bid Documents must be submitted in writing by Bidder via Planet Bids' Q&A section. Any response that the Owner may choose to make for the purposes of interpretation or clarification will be in writing and made available to all the listed holders of Bid Documents via Planet Bids. **Bidders inquiries must be received by July 10, 2017 at 3:00 p.m.** Where such interpretation or clarification requires a change in the Bid Documents, the Owner will prepare and issue an Addendum to Bid Documents. The Owner shall not be bound by, and Bidder shall not rely upon, any oral interpretation or clarification of the Bid Documents

CONTRACT DOCUMENTS

Contract Documents are to be submitted AFTER award of contract. See enclosed documents.

PROPOSAL DOCUMENTS

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET

RFP P17-17

To Be Submitted

with

Bid Package

PROPOSAL

FOR

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET RFP P17-17

BIDDING SCHEDULE

HONORABLE CHAIRMAN AND MEMBERS OF THE BOARD CITY OF CARSON HOUSING AUTHORITY 701 EAST CARSON STREET CARSON, CALIFORNIA 90745

Chairman and Boardmembers:

The undersigned declares that he/she has carefully examined the location of the proposed work and that he/she has examined the Plans and Specifications, has read the Contract Documents, and hereby agrees to furnish all labor, materials, equipment, tools, transportation, and services to do all work required for:

OWNER'S PROJECT

TITLE: DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET- RFP P17-17

in accordance with the Plans and Specifications prepared by the Authority, in accordance with the Special Provisions and Technical Provisions, the Contract Documents, and in accordance with the Standard Specifications for Public Works Construction (current edition), and the requirements of the Authority under said documents, for the prices shown herein. All work shall be completed within 20 working days from the date the notice to proceed is issued by the Authority.

BID SCHEDULE

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET

Item No.	Des	cription		Quantity	Unit	Unit Price	Extended Amount
1	Obtain all necessary building department permits, inspections and demolition notification to AQMD, if applicable.			1	LS		\$500.00
2	Cut and cap all utilities at the property line and coordinate discontinuance of service with utility companies; demolish and remove all onsite telephone and electrical lines.		1	LS		\$500.00	
3		k Lead B	ased Paint	1	LS		\$500.00
4	Properly abate and of Exhibit "A."	dispose of as	sbestos. See	1	LS		\$2,000.00
5	Properly abate and Paint. See Exhibit "A	dispose of	Lead Based	1	LS		\$500.00
6	Demolish and dispose of all standing structures, buildings, and all landscaping including clearance of all vegetation on site. Coordinate as needed with neighbors, utility companies and/or other consultants.		1	LS		\$40,668.00	
7	Demolish and remove all light standards, trash enclosures and other equipment.		1	LS		\$500.00	
8	Remove and dispose of all debris onsite.		1	L\$		\$500.00	
9	Remove and dispose of designated fencing and gates around structures within site. Perimeter fencing, gates and walls to remain.		ı	LS		\$500.00	
10	Provide record drawings of demolition work.		1	LS		\$500.00	
11	Provide mitigation for dust.		1	LS		\$500.00	
				i		"	
1 .	TAL CONTRACT	(Figures)	\$47,16	8.00			
			en thou	sand or	ne hundred	sixty eight	

NOTES

- 1. Contractor responsible for any needed electrical power, water, restroom facilities.
- 2. Contractor must confirm that all utilities have been shut off before work commences.
- 3. Contractor must submit manifest documentation for any removed potentially hazardous materials.
- 4. Contractor must coordinate demolition activites with neighboring property owners/tenants to ensure safety and integrity of neighboring structures.

5. Contractor responsible for bid, payment, and performance bonds.

The undersigned agrees that these Contract Bid Forms constitute a firm offer to the Owner which cannot be withdrawn for the number of **working Days** indicated in the Request for Construction Bids from and after the bid opening date, or until a Contract for the Work is fully executed by the owner and a third party, which ever is earlier. The undersigned also agrees that if there is a discrepancy between the written amount of the Bid Price and the numerical amount of the Bid Price, the written amount shall govern. In case of any discrepancy between the unit price and the extended total, the unit price shall prevail.

Attached hereto is o \$20,000.00	ash, a certified check, a	cashier's check,	or a bidder's bond in the amount of Dollars,
difference between to Owner if the unders	the low bid and second lo	ow bid shall be re execute the Con	I. It is agreed a portion equal to the etained as liquidated damages by the tract and furnish the required bonds
*BID MAY BE RE	JECTED IF TOTAL IS	S NOT SHOWN	N IN FIGURES AND WORDS
COMPANY Inte	rior Demolition,	Inc.	
SIGNED	Wend	DATE	07/11/2017

SCHEDULE OF WORK ITEMS

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET RFP P17-17

NOTE:

All amounts and totals in bid sheet will be subject to verification by the City. In case of variation between the unit price and the totals shown by the bidder, the unit price will be considered as the price.

The information given in the bid sheets are supplied to give an indication of the general scope of work but the accuracy of these figures is not guaranteed. It is understood the information given above is solely for the purpose of comparison of bids and the Contractor's compensation will be computed upon the basis of actual quantities in the complete work, whether they be more or less than those shown herein.

The City has the right to increase or decrease any item in accordance with the Standard Specifications, and also to delete any item from this contract.

The undersigned agrees to execute the contract agreements from and complete the work in every detail as specified in the Contract Documents.

PROPOSAL

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET RFP P17-17

BIDDER'S DECLARATION

It is understood and agreed that:

- 1. The undersigned has carefully examined all documents which will form a part of the Contract; namely, the Request for Construction Bids, the Instructions to Bidders, this Proposal, the Bid Bond, the Contract, the Faithful Performance Bond, the Payment Bond, the federal requirements, if any, the Plans and Specifications, the Special Provisions, and the Technical Provisions.
- 2. The undersigned has, by investigation at the site of the work and otherwise, satisfied themselves as to the nature and location of the work and fully informed themselves as to all conditions and matters that can in any way affect the work or the cost thereof.
- 3. The undersigned fully understands the scope of work and has checked carefully all words and figures inserted in this proposal and they further understand that the Owner will not be responsible for any errors or omissions in the preparation of the proposal.
- 4. The undersigned agrees and acknowledges that they are aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that Code, and that the undersigned will comply with such provisions before commencing the performance of the Contract if it is awarded to the undersigned.

The undersigned will begin work after award of Contract and a Notice to Proceed has been given as herein specified, and provided all requirements in regard to bonds and insurance have been satisfied and will complete said work within the time specified in the Bidding Schedule.

The undersigned will execute the Contract and furnish the required statutory bonds and certificates of insurance within the period of time specified in the Contract Documents.

5. The undersigned certifies that this Proposal is genuine and not sham or collusive, or made in the interest or on behalf of a person not herein named, and the undersigned has not directly or indirectly induced or solicited any other bidder to put in a sham bid nor induced any other person, firm, or corporation to refrain from bidding. The undersigned has not in any manner sought by collusion to secure for themselves any advantage over any other bidder.

- 6. The undersigned will accept an award and enter into a Contract for all work scheduled herein on which they put in a bid. The awards for such work are to be entirely at the discretion of the Owner after evaluation of the bids as submitted. The undersigned agrees that the Owner shall recover or retain as liquidated damages an amount equal to the difference between the low bid and amount of the bid of the bidder with whom the Owner enters into a Contract, and the surplus, if any, shall be returned to the lowest bidder in accordance with the provisions of the Public Contracts Code Sec. 20174 in the event of his failure to execute a Contract and furnish required bonds and insurance therefore within the time provided.
- 7. This bid will not be withdrawn within a period of ninety (90) days after the date of its proper opening by the Owner.
- 8. The undersigned bidder stated under penalty of perjury that the representations made in submitting this bid arc, to the best of his/her knowledge, true, accurate, and complete.

$Respectfully \ submitted,$

Interior Demolitio	n, Inc.	Interior Demolition, In	nc Maria Molina - Secry & Treasurer
Contractor's Business Nam	e	Contractor	Title
2621 Honolulu Ave.		By	Secretary & Treasurer
Business Address: Street	_	Ву	Title
Montrose, CA, 9102	0	603409 - B, C-12, C-	-21, C-22, ASB/DOSH
City State	Zip	Contractor's Licens	se No. and Classification
818-249-4932		07/11/2017	
Business Phone Number		Date	
Maria Molina - Secreta	ry & Treasurer	2621 Honolulu Ave.	Montrose, CA 91020
Name Title	;	Residence: Street	
Montrose, CA, 91020		818-249-4932	
City State	Zip	Residence Phone N	Jumber

Note: If the bid is made by an individual, it must be signed with the full name of the bidder, whose address must be given: if it is made by a firm, it must be signed in the copartnership's name by a general partner thereof, who shall also sign his or her own name, and the name and full address of each member must be given; and if it is made by a

corporation, it must be signed by a properly authorized officer, the corporate name shabe set forth, and the corporate seal shall be affixed.	all

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CITY OF LOS ANGELES

NONDISCRIMINATION • EQUAL EMPLOYMENT PRACTICES CONSTRUCTION & NON-CONSTRUCTION CONTRACTOR

Los Angeles Administrative Code (LAAC), Division 10, Chapter 1, Article 1, Section 10.8 stipulates that the City of Los Angeles, in letting and awarding contracts for the provision to it or on its behalf of goods or services of any kind or nature, intends to deal only with those contractors that comply with the non-discrimination and Affirmative Action provisions of the laws of the United States of America, the State of California and the City of Los Angeles. The City and each of its awarding authorities shall therefore require that any person, firm, corporation, partnership or combination thereof, that contracts with the City for services, materials or supplies, shall not discriminate in any of its hiring or employment practices, shall comply with all provisions pertaining to nondiscrimination in hiring and employment, and shall require Affirmative Action Programs in contracts in accordance with the provisions of the LAAC. The awarding authority and/or Office of Contract Compliance of the Department of Public Works shall monitor and inspect the activities of each such contractor to determine that they are in compliance with the provisions of this chapter.

I. Los Angeles Administrative Code Section 10.8.2 All Contracts: Non-discrimination Clause

Notwithstanding any other provision of any ordinance of the City of Los Angeles to the contrary, every contract which is let, awarded or entered into with or on behalf of the City of Los Angeles, shall contain by insertion therein a provision obligating the contractor in the performance of such contract not to discriminate in his or her employment practices against any employee or applicant for employment because of the applicant's race, religion, national origin, ancestry, sex, sexual orientation, age, disability, marital status, domestic partner status, or medical condition. All contractors who enter into such contracts with the City shall include a like provision in all subcontracts awarded for work to be performed under the contract with the City. Failure of the contractor to comply with this requirement or to obtain the compliance of its subcontractors with such obligations shall subject the contractor to the imposition of any and all sanctions allowed by law, including but not limited to termination of the contractor's contract with the City.

II. Los Angeles Administrative Code Section 10.8.3. Equal Employment Practices Provisions

Every non-construction contract with or on behalf of the City of Los Angeles for which the consideration is \$1,000 or more, and every construction contract for which the consideration is \$1,000 or more, shall contain the following provisions, which shall be designated as the EQUAL EMPLOYMENT PRACTICES provision of such contract:

- A. During the performance of this contract, the contractor agrees and represents that it will provide equal employment practices and the contractor and each subcontractor hereunder will ensure that in his or her employment practices persons are employed and employees are treated equally and without regard to or because of race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status or medical condition.
 - 1. This provision applies to work or service performed or materials manufactured or assembled in the United States.
- Nothing in this section shall require or prohibit the establishment of new classifications of employees in any given craft, work or service category.
- 3. The contractor agrees to post a copy of Paragraph A hereof in conspicuous places at its place of business available to employees and applicants for employment.
- B. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to their race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status or medical condition.
- C. As part of the City's supplier registration process, and/or at the request of the awarding authority, or the Board of Public Works, Office of Contract Compliance, the contractor shall certify in the specified format that he or she has not discriminated in the performance of City contracts against any employee or applicant for employment on the basis or because of race, religion, national origin, ancestry, sex, sexual orientation, age, disability, marital status or medical condition.
- D. The contractor shall permit access to and may be required to provide certified copies of all of his or her records pertaining to employment and to employment practices by the awarding authority or the Office of Contract Compliance for the purpose of investigation to ascertain compliance with the Equal Employment Practices provisions of City contracts. On their or either of their request the contractor shall provide evidence that he or she has or will comply therewith.
- E. The failure of any contractor to comply with the Equal Employment Practices provisions of this contract may be deemed to be a material breach of City contracts. Such failure shall only be established upon a finding to that effect by the awarding authority, on the basis of its own investigation or that of the Board of Public Works, Office of Contract Compliance. No such finding shall be made or penalties assessed except upon a full and fair hearing after notice and an opportunity to be heard has been given to the contractor.

Form OCC/ND-EEP-1 (7/11)

- F. Upon a finding duly made that the contractor has failed to comply with the Equal Employment Practices provisions of a City contract, the contract may be forthwith canceled, terminated or suspended, in whole or in part, by the awarding authority, and all monies due or to become due hereunder may be forwarded to and retained by the City of Los Angeles. In addition thereto, such failure to comply may be the basis for a determination by the awarding authority or the Board of Public Works that the said contractor is an irresponsible bidder or proposer pursuant to the provisions of Section 371 of the Charter of the City of Los Angeles. In the event of such a determination, such contractor shall be disqualified from being awarded a contract with the City of Los Angeles for a period of two years, or until the contractor shall establish and carry out a program in conformance with the provisions hereof.
- G. Notwithstanding any other provision of this contract, the City of Los Angeles shall have any and all other remedies at law or in equity for any breach hereof.
- H. The Board of Public Works shall promulgate rules and regulations through the Office of Contract Compliance, and provide necessary forms and required language to the awarding authorities to be included in City Request for Bids or Request for Proposal packages or in supplier registration requirements for the implementation of the Equal Employment Practices provisions of this contract, and such rules and regulations and forms shall, so far as practicable, be similar to those adopted in applicable Federal Executive orders. No other rules, regulations or forms may be used by an awarding authority of the City to accomplish the contract compliance program.
 - I. Nothing contained in this contract shall be construed in any manner so as to require or permit any act which is prohibited by law.
- J. At the time a supplier registers to do business with the City, or when an individual bid or proposal is submitted, the contractor shall agree to adhere to the Equal Employment Practices specified herein during the performance or conduct of City Contracts.
- K. Equal Employment Practices shall, without limitation as to the subject or nature of employment activity, be concerned with such employment practices as:
 - 1. Hiring practices;
 - Apprenticeships where such approved programs arefunctioning, and other on-the-job training for non-apprenticeable occupations;
 - 3. Training and promotional opportunities; and
 - 4. Reasonable accommodations for persons with disabilities.
- L. All contractors subject to the provisions of this section shall include a like provision in all subcontracts awarded for work to be performed under the contract with the City and shall impose the same obligations, including but not limited to filing and reporting obligations, on the subcontractors as are applicable to the contractor. Failure of the contractor to comply with this requirement or to obtain the compliance of its subcontractors with all such obligations shall subject the contractor to the imposition of any and all sanctions allowed by law, including but not limited to termination of the contractor's contract with the City.

Equal Employment Practices Provisions Certification – The Contractor by its signature affixed hereto declares under penalty of perjury that:

1. The Contractor has read the Nondiscrimination Clause in Section I above and certifies that it will adhere to the practices in the performance of all contracts.

2. The Contractor has read the Equal Employment Practices Provisions as contained in Section II above and certifies that it will adhere to the practices in the performance of any construction contract or non-construction contract of \$1,000 or more.

Interior Demolition Inc.	Why
COMPANY NAME	AUTHORIZED SIGNATURE
2621 Honolulu Ave	Maria Molina- Secretary and Treasurer
ADDRESS	NAME AND TITLE (TYPE OR PRINT)
Montrose, CA 91020	818-249-4932-maria@interiordemolition.ne
CITY, COUNTY, STATE, ZIP	TELEPHONE/8-MAIL

^

PROPOSAL

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET **RFP P17-17**

NONCOLLUSION AFFIDAVIT

(To be executed by Bidder and submitted with Bid)

State of California

SS

See Attached

County of Los Angeles

I maria ma	11 na	being first duly sworn, deposes and
says that he or she is the TREASUA	UFR 4 884	"d»ry of <u>Σητωριόλ</u>
DEMOLITION, FAC the party m	aking the fo	regoing bid that the bid is not made in the
interest of, or on the behalf of, any un	ndisclosed p	person, partnership, company, association,
organization, or corporation; that the bid i	is genuine ar	nd not collusive or sham; that the bidder has
not directly or indirectly colluded, conspi	red, connive	d, or agreed with any bidder or anyone else
to put in a sham bid, or that anyone sha	all refrain fro	om bidding; that the bidder has not in any
	_	communication, or conference with anyone
to fix the bid price of the bidder or any	y other bidd	ler, or to fix any overhead, profit, or cost
· · · · · · · · · · · · · · · · ·	_	advantage against the public body awarding
-	-	ract; that all statements contained in the bid
		or indirectly, submitted his or her bid price
		, or divulged information or data relative
	ny corporatio	on, or agent thereof to effectuate a collusive
or sham bid.		
	Tu-	HE O. LO. N. S. and Handle The
	NAME (FRIOR DEMOLITION, INC.
	NAME	1. 0. 1.
		MANA
	SIGNAT	URE OF BIDDER
	263	21 Honolulu AUG
See Attached		SS OF BIDDER

ALL SIGNATURES MUST BE WITNESSED BY NOTARY

(attach appropriate jurats)

CALIFORNIA JURAT WITH AFFIANT STATEMENT

GOVERNMENT CODE § 8202

	ACCUSATION OF THE PROPERTY OF
 See Attached Document (Notary to cross out See Statement Below (Lines 1~6 to be completed) 	lines 1–6 below)
Code otatement below (Lines 140 to be comple	sted only by document signer[s], not Notary)
1	
2	
11 1 N. W. COL. Mr. B. C. M. C. M. B. C. M. C. M	
3	
3	<u></u>
5	
<u> </u>	
Signature of Document Signer No. 1	Signature of Document Signer No. 2 (if any)
	cate verifies only the identity of the individual who signed the the truthfulness, accuracy, or validity of that document.
State of California	Subscribed and sworn to (or affirmed) before me
County of Los Angeler	
	on this
	Dy — — — — — — — — — — — — — — — — — — —
	(1) Maria Molina
BRYAN S. CHOI	(and (2)),
Commission # 2083411 K	Name(s) of Signer(s)
Los Angeles County	proved to me on the basis of satisfactory evidence
M; Comm. Expires Sep 26, 2018	to be the person(s) who appeared before me.
	Signature
Place Notary Seal Above	Signature of Notary Public
	PTIONAL
	is information can deter alteration of the document or
	is form to an unintended document.
Description of Attached Document	
Title or Type of Document: \(\sum_{\infty} \colon \	n Addidavi Document Date:
Number of Pages: Signer(s) Other Than N	lamed Above:

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PROPOSAL

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET RFP P17-17

BID BOND

KNOW ALL BY THESE PRESENTS:	
THAT Interior Demolition, Inc.	as Principal,
and Philadelphia Indemnity Insurance Company	, as Surety, are
held firmly bound unto the Owner, consisting of one or both of t	
entities:	
[] The City of Carson, California	
[X] Carson Housing Authority	
in the sum of \$Ten percent (10%) of the total amount of the bid	
<u> </u>	DOLLARS,
(not less than ten percent of total amount of bid)	
for the payment of which sum well and truly to be made, we bind a administrators, successors, and assigns, jointly and severally, firmly	·
WHEREAS, said Principal has submitted a bid to said Owner to pethe following:	erform all work required under
TITLE: DEMOLITION PROJECT AT 21723-217 NOW, THEREFORE, if said Principal is awarded a Contract by sa and in the manner required in the Specifications for said project, Contract bound with said Specifications and furnishes the requestiathful performance and the other to guarantee payment for I obligation shall be null and void, otherwise it shall remain in full suit is brought upon this bond by said Owner and judgment is recognisted by said Owner in such suit, including a reasonable acourt.	aid Owner and, within the time enters into the written form of ired bonds, one to guarantee abor and materials, then this force and effect. In the event wered, said Surety shall pay all
SIGNED AND SEALED, this 5th day of July , 20 17	_
Interior Demolition, Inc. (SEAL) Philadelphia Indemnity Insurance	e Company(SEAL)
Principal Surety	
BY: Signature BY: Signat	ure Mathew J. Coats, Attorney-in-Fact

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate is attached, and no	ficate verifies only the identity of the individual who signed the of the truthfulness, accuracy, or validity of that document.
State of California County of Orange On JUL 0 5 20 17 before me, Date personally appeared Matthew J. Coa	
subscribed to the within instrument and acknowledge	ory evidence to be the person(s) whose name(s) is/are by ledged to me that he/she/they executed the same in y his/her/their signature(s) on the instrument the person(s), acted, executed the instrument.
Summer L. REYES Notary Public - California Orange County Commission # 2158864 My Comm. Expires Jul 29, 2020	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal. Signature Signature of Notary Public
Place Notary Seal Above	OPTIONAL
Though this section is optional, completing ti	his information can deter alteration of the document or this form to an unintended document.
Description of Attached Document	
· ·	Document Date:
Number of Pages: Signer(s) Other T	nan named Above.
Capacity(ies) Claimed by Signer(s) Signer's Name: Corporate Officer — Title(s): Partner — Limited General Individual Attorney in Fact Guardian or Conservator Other: Signer Is Representing:	☐ Partner — ☐ Limited ☐ General ☐ Individual ☐ Attorney in Fact ☐ Trustee ☐ Guardian or Conservator

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PHILADELPHIA INDEMNITY INSURANCE COMPANY

One Bala Plaza, Suite 100 Bala Cynwyd, PA 19004-0950

Power of Attorney

KNOW ALL PERSONS BY THESE PRESENTS: That PHILADELPHIA INDEMNITY INSURANCE COMPANY (the Company), a corporation organized and existing under the laws of the Commonwealth of Pennsylvania, does hereby constitute and appoint Linda D. Coats and Matthew J. Coats of Coats Surety Insurance Services, Inc., its true and lawful Attorney-in-fact with full authority to execute on its behalf bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, issued in the course of its business and to bind the Company thereby, in an amount not to exceed \$25,000,000.00.

This Power of Attorney is granted and is signed and scaled by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of PHILADELPHIA INDEMNITY INSURANCE COMPANY on the 14th of November, 2016.

RESOLVED:

That the Board of Directors hereby authorizes the President or any Vice President of the Company: (1) Appoint Attorney(s) in Fact and authorize the Attorney(s) in Fact to execute on behalf of the Company bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof and to attach the scal of the Company thereto; and (2) to remove, at any time, any such Attorney-in-Fact and revoke the authority given. And, be it

FURTHER RESOLVED:

That the signatures of such officers and the scal of the Company may be affixed to any such Power of Attorney or certificate relating thereto by facsimile, and any such Power of Attorney so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

IN TESTIMONY WHEREOF, PHILADELPHIA INDEMNITY INSURANCE COMPANY HAS CAUSED THIS INSTRUMENT TO BE SIGNED AND ITS CORPORATE SEALTO BE AFFIXED BY ITS AUTHORIZED OFFICE THIS 14TH DAY OF NOVEMBER, 2016.



(Seal)

Robert D. O'Leary Jr., President & CEO Philadelphia Indemnity Insurance Company

On this 14th day of November, 2016, before me came the individual who executed the preceding instrument, to me personally known, and being by me duly sworn said that he is the therein described and authorized officer of the PHILADELPHIA INDEMNITY INSURANCE COMPANY; that the seal affixed to said instrument is the Corporate seal of said Company; that the said Corporate Seal and his signature were duly affixed.

COMMONWEALTH OF PERMSYLVANIA
Motorial Seal Nors Heward, Hotory Public
Nava Hambid, Hottary Public Lymp Harton Twis, Harrigamory County My Commission Expired Jan. 8, 2018 Journal, Hambit Hots Employed to Service
PRODUCE PRODUCE AND PROPERTY OF STREET

Notary Public:

(Notary Scal)

residing at:

Bala Cynwyd, PA

My commission expires:

January 8, 2018

I, Edward Sayago, Corporate Secretary of PHILADELPHIA INDEMNITY INSURANCE COMPANY, do hereby certify that the foregoing resolution of the Board of Directors and this Power of Attorney issued pursuant thereto on this 14th day of November, 2016 are true and correct and are still in full force and effect. I do further certify that Robert D. O'Leary Jr., who executed the Power of Attorney as President, was on the date of execution of the attached Power of Attorney the duly elected President of PHILADELPHIA INDEMNITY INSURANCE COMPANY,

In Testimony Whereof I have subscribed my name and affixed the facsimile scal of each Company this _

5th day of July



Edward Sayago, Corporate Secretary

PHILADELPHIA INDEMNITY INSURANCE COMPANY

PROPOSAL.

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET RFP P17-17

DESIGNATION OF SUBCONTRACTORS

In compliance with the "Subletting and Subcontracting Fair Practices Act" being Sections 4100-4113 of the Government Code of the State of California, and any amendments thereto, each bidder shall set forth below the name and location of the place of business of each subcontractor who will perform work or labor or render service to the prime contractor in or about the construction of the work or improvement in an amount in excess of one-half (1/2) of one percent (1%) of the prime contractor's total bid or \$10,000, whichever is greater, the subcontractor's State contractor's license number must be included as part of the information submitted for that proposed subcontractor, and shall further set forth the portion of the work which will be done by each subcontractor. Only one subcontractor for each such portion shall be listed.

If the contractor fails to specify a subcontractor for any portion of the work to be performed under the contract, they shall be deemed to have agreed to perform such portion themelves, and they shall not be permitted to subcontract that portion of the work except under the conditions hereinafter set forth.

Subletting or subcontracting of any portion of the work to which subcontractor was designated in the original bid shall only be permitted in cases of public emergency or necessity, and then only after a finding reduced to writing as a public record of the legislative body of the Owner.

Portion	State		
of	Subcontractor's	License	
Work_%	Name and Address	<u>Number</u>	Class
N/A	N/A		N/A_

			**
	<u></u>		

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PROPOSAL DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET RFP P17-17

CONSTRUCTION PROJECT REFERENCE

In order to more fully evaluate your background and experience for the project herein proposed, it is requested that you submit a list of Public Works and/or similar construction projects completed or in progress within the last 24 months. Your cooperation in this matter is greatly appreciated.

Number of years as a contractor in construction wo	rk of this type: 35 Years.		
Three projects of this type recently completed:			
Contract Amount	Type of Project		
l. (a) \$310,000.00	1. (b) Abatement & Demolition of Structures		
2. (a) \$291,900.00	2. (b) Abatement & Demolition of Structures		
3. (a) \$331,126.76	3. (b) Abatement & Demolition of Structures		
Date Completed	Name, Address and <u>Phone No. of Owner</u> Dave Cosper(City of Bakersfield-OPC)		
1. (a) 10/07/2016	1. (b) 1600 Truxton Ave Bakersfield,CA 93301 661-381-2440		
2. (a) 11/09/2017	Dave Cosper(City of Bakersfield-OPC) 2. (b)1600 Truxton Ave Bakersfield, CA 93301 661-381-2440		
3. (a) 02/23/2016	John Duong (Long Beach Community College) 3. (b)4901 East Carson St, CA 90808 562-938-5063		
Bidder's Signature	shall furnish a certified financial statement, prehensive to permit an appraisal of his current		

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PROPOSAL

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET RFP P17-17

BIDDER'S ASSURANCE

FROM	<u>l:</u>				
	Name of Bidder:	Interior Demolition,	Inc.		
	Business Address:	2621 Honolulu Ave.			
		Montrose, CA, 9102	20		
	Telephone No:	(818) 249-4932			
<u>TO:</u>					
	Members of the Own c/o City Hall City of Carson, Califo				
	Members of the Owner's Legislative Body:				
	Pursuant to your publ	ished Request for Con-	struction Bids f	or:	
TITLE	DEM(OLITION PROJECT	AT 21723-217	25 FIGUEROA	STREET
	work; that he has car panying Instructions tools, labor, and ser	arcs that they have car refully examined the P to Bidders; and hereby vices, and do all the Plans and Specificatio schedule.	lans and Speci- proposes to fu work necessar	fications, and re rnish all materia ry to complete	ad the accom- ils, machinery, the project in
	ву:	ond	TITLE:	Secretary & T	<u>reasur</u> er

PROPOSAL DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET RFP P17-17

CERTIFICATE OF NON-DISCRIMINATION BY CONTRACTORS

As suppliers of goods or services to the Owner, the firm listed below certifies that it does not discriminate in its employment with regard to race, color, religion, sex, or national origin; that it is in compliance with all applicable federal, state, and local directives, and executive orders regarding non-discrimination in employment; and that it agrees to pursue positively and aggressively the principle of equal opportunity in employment.

We agree specifically:

3.

- 1. To establish or observe employment policies which affirmatively promote opportunities for minority persons at all job levels.
- 2. To communicate this policy to all persons concerned, including all company employees, outside recruiting services, especially those serving minority communities, and to the minority communities at large.

To take affirmative steps to hire minority employees within the company.

TITLE OF PERSON SIGNING Secretary & Treasurer

SIGNATURE

DATE 07/11/2017

Please include any additional information available regarding equal opportunity employment programs now in effect within your company:

Interior Demolition, Inc. is a certified MBE. We pride ourselves on our record of equal
opportunity employment. Our workforce is made up of individuals from many different countries
many of whom have been with our firm for over 15 years.

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FAIR EMPLOYMENT PRACTICES DOCUMENTS

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET RFP P17-17

To Be Submitted

By The Best Qualified Bidder

WITHIN THREE WORKING DAYS FOLLOWING

OPENING OF BIDS

- 24 -

FAIR EMPLOYMENT PRACTICES

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET RFP P17-17

INSTRUCTIONS

The Fair Employment Practices in Contracts, as adopted by Owner, requires that the Owner not do business with any firm that discriminates against any employee or applicant for employment because of race, color, religion, sex, or national origin.

Accordingly, every contract or subcontract of the Owner in excess of \$10,000 for public works, or for goods and services, must be accompanied by a Certificate of Non-Discrimination, obligating the contractor or subcontractor to observe the requirements specified therein.

In addition to the Certificate of Non-Discrimination, the Fair Employment Practices in Contracts also requires that the lowest responsible bidder undertake an affirmative course of action to promote equal employment opportunities and to ensure that employees are treated during employment without regard to their race, color, religion, sex, or national origin. Completion of the attached compliance report will satisfy this requirement.

Ref: Resolution No. 83-008 ADOPTED 1/17/83

FAIR EMPLOYMENT PRACTICES

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET RFP P17-17

CONTRACTOR COMPLIANCE REPORT

This report must be completed by prime contractor and each subcontractor. Complete all items unless otherwise instructed. Use additional sheets if necessary. Submit one copy of the completed report to Owner:

C/o Carson Housing Authority Carson City Hall 701 East Carson Street Carson, CA 90745

PART I. FIRM DESCRIPTION

1.	Circle one:	Prime Contracto	or	Subcontractor
2.	Name of Firm:			
3	Address:			
4.	Name and address of			
5.	Name and address of	home office, if d	ifferent from a	above:
6.	Person completing th	is form:		
	Signature:			
	Name and Title:			
	Business Telephone:			
	-			

PART II: POLICIES AND PRACTICES (Circle proper answer)

- 1. Yes No Have you informed company officials and representatives regarding the non-discrimination provisions of the Owner's contracts?
- 2. Yes No Do your solicitations or advertisements for employment specify that you are an equal opportunity employer?
- 3. Yes No Do you have educational or training programs sponsored or financed for the benefit of employees or prospective employees? If so, please enumerate:

JOB CATEGORY	TRAINING PROGRAM	W	В	Н	A	ΑI	M	F	TOTAL

- W = White B = Black H = Hispanic A = Asian AI = American Indian M = Male F = Female
- 4. Yes No Are any apprentices obtained from sources outside the employer's work force? If yes, have you circulated information about apprenticeship openings or opportunities to the following:
 - Yes No State Employment Offices
 - Yes No Newspapers or other media
 - Yes No High schools, including those in minority group areas
 - Yes No Local trade or vocational schools
 - Yes No Agencies and organizations specializing in minority employment

If there are any apprenticeship programs, please list, along with ethnic breakdown:

JOB CATEGORY	TRAINING PROGRAM	W	В	Н	A	ΑI	M	F	TOTAL
_									

- 5. Yes No If you are a prime contractor, have all subcontractors covered by these compliance inspection reports been instructed as to their contractual obligations relating to the non-discrimination provisions of the Owner's contracts?
- 6. Identify (names and addresses) the employment agencies, personnel recruitment organizations, newspaper advertising, or other non-union sources from which the company recruits its personnel.

Have you a collective	
Have you a collective	
Have you a collective	1
	bargaining agreement with a labor union or other specify the union or organization.
understanding with a l	collective bargaining agreement or other contract or labor union or other working organization include a crimination in employment?
Use this space for con	nment on any answers you have supplied.
_	understanding with a provision for non-disc

PART IIIA:	EMPLOYMENT FIGURES (1)
	Name of Firm:
	Project Name:
	Date Form Submitted:
	Person Submitting Form:
	Check One: Submit separate forms for company makeup and for specific project makeup
	() Permanent makeup of company
	() Estimated makeup of employees on this specific project only

			MINO	RITY GRO	UPS*			
JOB CATEGORIES	TOTAL EMPLOYED	WHITE	BLACK	HISPANIC	ASIAN	AMERICAN INDIAN	M	F
OFFICERS&OFFICIALS								
OTT TELKS&OTT TETALS								
PROFESSIONAL (2)								
CLERICAL & OFFICE								
FIELD SUPERVISOR								
SKILLED/SPECIFY TRADE								
A								
В								
С								
D								
SEMI-SKILLED (3)								
UNSKILLED (4)								
TOTAL ITEMS 1-7								

- (1) This report must be completed by prime contractor and each subcontractor.
- (2) Occupations requiring college education or equivalent experience: e.g., accountants, architects, scientists, teachers, etc.
- (3) Workers who operate equipment or perform factor-type duties of intermediate skill level: e.g., auto attendants, laundry operators, truck drivers, etc.
- (4) Works in manual occupations: e.g., laborers performing lifting, digging, mixing or loading operations, etc.
- * An employee may be included in the minority group in which he/she appears to belong, or is regarded in the community as belonging. Eliciting information as to the racial or ethnic identify of an employee by direct inquiry is not encouraged.

PART IIIB:	EMPLOYMENT FIGURES (1)
	Name of Firm:
	Project Name:
	Date Form Submitted:
	Person Submitting Form:
	<u>Check One</u> : Submit separate forms for company makeup (page 28), and for specific project makeup (page 29)
	() Permanent makeup of company
	() Estimated makeup of employees on this specific project only

		MINO	RITY GROU	JPS*			
TOTAL EMPLOYED	WHITE	BLACK	HISPANIC	ASIAN	AMERICAN INDIAN	M	F
			I	ı			
			TOTAL WHITE BLACK	TOTAL WHITE BLACK HISPANIC		TOTAL WHITE BLACK HISPANIC ASIAN AMERICAN	TOTAL WHITE BLACK HISPANIC ASIAN AMERICAN M

⁽¹⁾

This report must be completed by prime contractor and each subcontractor.

Occupations requiring college education or equivalent experience: e.g., accountants, architects, scientists, teachers, etc. (2)

⁽³⁾ Workers who operate equipment or perform factor-type duties of intermediate skill level: e.g., auto attendants, laundry operators, truck drivers, etc.

⁽⁴⁾ Works in manual occupations: e.g., laborers performing lifting, digging, mixing or loading operations, etc.

An employee may be included in the minority group in which he/she appears to belong, or is regarded in the community as belonging. Eliciting information as to the racial or ethnic identify of an employee by direct inquiry is not encouraged

CONTRACT DOCUMENTS

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET RFP P17-17



To be Submitted after

Award of Contract

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CONTRACT DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET RFP P17-17

AGREEMENT

THIS AGREEMENT is made and entered into by and between Owner, consisting of one or both of the following described public entities:

[] [X]	The City of Carson, CaliforniaCarson Housing Authority	
and		_, hereinafter called Contractor.
The Owner a	and the Contractor mutually agree as follows: <u>ARTICLE I.</u>	

THE PROJECT

For and in consideration of the mutual promises set forth herein, Contractor agrees with Owner to perform and complete in good and workmanlike manner all work required by the Contract Documents for Owner's Project, which is described as follows:

Title: DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET

Said work shall be performed in accordance with the Plans, Specifications and other Contract Documents, all of which are referenced in Article III hereof and incorporated herein as though fully set forth. Contractor shall furnish at its own expense all labor, materials, equipment and services necessary therefore, except such labor, materials, equipment and services as are provided in the Contract Documents to be furnished by Owner.

ARTICLE II.

CONTRACT SUM AND PAYMENT

For performing and completing the work in accordance with the Contract Documents, Owner shall pay Contractor, in full compensation therefore, the contract sum set forth in the Bidding Schedule. Said sum shall constitute payment in full for all work performed hereunder, including, without limitation, all labor, materials, equipment, tools and services used or incorporated in the work, supervision, administration, overhead, expenses and any and all other things required, furnished or incurred for completion of the work as specified in the Contract Documents. Owner shall make payments to Contractor on account of the contract sum at the time, in the manner, and upon the conditions specified in the Contract Documents.

ARTICLE III.

CONTRACT DOCUMENTS

The Contract Documents, which constitute the entire agreement between the Owner and the Contractor, are enumerated as follows: Proposal Documents, including the Request for Construction Bids, Instructions to Bidders, Bidding Schedule, Bidder's Declaration, Designation of Subcontractors, Bidder's Assurance, and Fair Employment Practices documents; this Agreement; Standard Specifications; Special Provisions; Technical Provisions; Drawings; Plans; and all addenda issued prior to and all modifications issued after the execution of this Agreement. These form the Contract, and all are as fully a part of the Contract as if attached to this Agreement or repeated herein.

ARTICLE IV.

EFFECTIVE DATE

This Agreement shall become effective and commence as of the date set forth below on which the last of the parties, whether Owner or Contractor, executes said Agreement.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed and attested by their proper officers thereunto duly authorized.

Attest:	OWNER	
By:	Ву:	
DONESIA L. GAUSE, MMC	ALBERT ROBLES	
AUTHORITY SECRETARY	CHAIRMAN	
Dated:	SEAL	
APPROVED AS TO FORM:		
By:SUNNY K. SOLTANI, AUTHORITY		
SUNNY K. SOLTANI, AUTHORITY (
Attest:	CONTRACTOR	
By:		
Print Name	Signature	
Title	Date	
By:		
Print Name	Signature	
Title	Date	

CONTRACT

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET RFP P17-17

FAITHFUL PERFORMANCE BOND

WHEREAS, the Owner, consisting of one or both of the following described pub	olic entities:
 [] ■ The City of Carson, California [X] ■ Carson Housing Authority 	
has awarded to designated as the "Principal", a Contract for:	, hereinafter
TITLE: DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET	- RFP P17-17
WHEREAS, said Principal is required under the terms of said Contract to furnisfaithful performance of said Contract;	sh a bond for the
NOW, THEREFORE, we,	
as Principal, andas Surety, are held and firmly bound unto the Owner in the sum ofDollars (\$),
this amount being not less than one hundred percent (100%) of the total Control money of the United States of America, for payment of which sum well and trul bind ourselves, our heirs, executors, administrators, and successors, jointly and by these presents. In case suit is brought upon this bond, the Surety will pattorney's fee to the "Owner" in an amount to be fixed by the court.	ract price, lawfully to be made we severally, firmly
THE CONDITION OF THIS OBLIGATION IS SUCH THAT, if the hereby be his or its heirs, executors, administrators, successors, or assigns, shall in all this abide by, well and truly keep and perform all the undertakings, terms, covenants agreements in the said Contract and any alteration thereof, made as therein prothe time and in the manner therein designated and in all respects according to the meaning, then this obligation shall become null and void; otherwise, it shall be a force and effect.	ngs stand to and s, conditions and wided, all within ir true intent and
FURTHER, the said Surety, for value received, hereby stipulates and agrees extension of time, alteration or modification of the Contract Documents, or or performed thereunder, shall in any way affect the obligations of this bond, an waive notice of any such change, extension of time, alteration or modification Documents or of the work to be performed thereunder.	f the work to be d it does hereby

IN WITNESS WHEREOF, three (3) identical cour for all purposes be deemed an original thereof, hav Surety named herein, on the day of corporate seal of each corporate party being hereto undersigned representative pursuant to authority of	e been duly executed by the Principal and , 20, the name and affixed and these presents duly signed by its
	Principal
	By
	Surety
	By

CONTRACT

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET RFP P17-17

PAYMENT BOND

WHEREAS, the Owner, consisting of one or both of the following described public entities:
 [] ■ The City of Carson, California [X] ■ Carson Housing Authority
has awarded to, as Contractor, a contract for the work described as follows:
TITLE: DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET
AND WHEREAS, said Contractor is required to furnish a bond in connection with said contract to secure the payment of claims of laborers, mechanics, materialmen and other persons, as provided by law;
NOW, THEREFORE, we, the undersigned Contractor and Surety, are held firmly bound unto the Owner in the sum of
THE CONDITION OF THIS OBLIGATION IS SUCH THAT, if said Contractor, its heirs executors, administrators, successors, assigns, or subcontractors shall fail to pay any of the persons named in Civil Code Section 3181, or amounts due under the Unemployment Insurance Code with respect to work or labor performed under the contract, or any amounts required to be deducted, withheld, and paid over to the Employment Development Department from the wages of employees of the Contractor and its subcontractors pursuant to Section 13020 of the Unemployment Insurance Code, with respect to such work and labor, then the Surety or Sureties herein will pay for the same in an amount not exceeding the sum specified in this bond otherwise the above obligation shall be void. In case suit is brought upon this bond, the said Surety will pay a reasonable attorney's fee to the plaintiff(s) and Owner in an amount to be fixed by the court.
This bond shall inure to the benefit of any of the persons named in Civil Code Section 3181 as to give a right of action to such persons or their assigns in any suit brought upon this bond.
Said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or modification of the Contract Documents or of the work to be performed thereunder

, ,	on this bond, and it does hereby waive notice of suc or modification of the Contract Documents or of wor	
IN WITNESS WHEREOF, we have h	ereunto set our hands and seals on this	_day of
CONTRACTOR	SURETY	

CONTRACT

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET RFP P17-17

WORKER'S COMPENSATION INSURANCE CERTIFICATE

The Contractor shall execute the following form as required by the California Labor Code, Sections 1860 and 1861:

I am aware of the provisions of Section 3700 of the 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 I will comply with such provisions before commencing the performance of the work of the Contract.

CONTRACTOR
By
BySignature
Title

INDEMNIFICATION AND HOLD HARMLESS AGREEMENT AND WAIVER OF SUBROGATION AND CONTRIBUTION

Contract/Agreement/License/Permit No. or description:		
Indemnitor(s) (list all names):		
To the fullest extent permitted by law, Indemnitor her indemnify, and hold harmless the City of Carson an officers, attorneys, agents, employees, volunteers, suc against any and all damages, costs, expenses, liabilitie judgments, penalties, liens, and losses of any nature w professionals and all costs associated therewith (collectindirectly, out of, in connection with, resulting from, Indemnitor or any of its officers, agents, servants, officers, agents, servants or employees, arising or claim resulting from, or related to the above-referenced cont performance or failure to perform any term, provision indemnity provision. This indemnity provision is effect or passive negligence by Indemnitees and shall operated. This indemnity provision shall survive the termination remedies which Indemnitees may have under the law Indemnitee's right to recover under this indemnity provise conclusive in favor of the Indemnitee's right to re Indemnitees for any attorneys' fees and costs incurred the foregoing, nothing in this instrument shall be construicted to the limited extent that the underlying contracting public agency's active negligence to the limit Code 2782(b). This indemnity is effective without a coverages which may have been required under the Agentend to Indemnitees.	ad Successor Agence cessors, and assign s, claims, demands, whatsoever, including ctively "Liabilities") or related to any a employees, subcontined to arise, directly tract, agreement, lice on, covenant, or contive regardless of are to fully indemnify in of the Agreement or. Payment is not evision, and an entry cover under this indirectly to encompass (agreement is submitted extent that the reference to the exi	ry and their respective elected officials, is (collectively "Indemnitees") from and causes of action, proceedings, expenses, if fees of accountants, attorneys, or other is, arising or claimed to arise, directly or act, failure to act, error, or omission of ractors, materialmen, suppliers or their or indirectly, out of, in connection with, ense, or permit (the "Agreement") or the addition of the Agreement, including this may prior, concurrent, or subsequent active Indemnitees against any such negligence, and is in addition to any other rights or required as a condition precedent to an of judgment against an Indemnitee shall demnity provision. Indemnitor shall pay emnification provision. Notwithstanding a) Indemnitees' sole negligence or willful ject to Civil Code 2782(a), or (b) the underlying Agreement is subject to Civil stence or applicability of any insurance
Indemnitor, on behalf of itself and all parties claiming and contribution against the Indemnitees, while acting liabilities arising out of or incident to activities or opera of any prior, concurrent, or subsequent active or passiv other professionals employed by Indemnitor to defend Indemnitees.	within the scope of ations performed by we negligence by the	their duties, from all claims, losses and or on behalf of the Indemnitor regardless Indemnitees. Accountants, attorneys, or
In the event there is more than one person or entity national liabilities, covenants and conditions under this instrume		
"Indemnitor"		
Name	Name	
Ву:	Ву:	
Its		Its
TO BE SIGED BY	THE CONTRA	CTOR

'Exhibit A'

ASBESTOS AND LEAD SURVEY 21723 AND 21725 FIGUEROA STREET CARSON, CALIFORNIA 90745



ASBESTOS AND LEAD SURVEY 21723 AND 21725 FIGUEROA STREET CARSON, CALIFORNIA 90745



PREPARED FOR:

Carson Housing Authority 701 East Carson Street Carson, California 90745

PREPARED BY:

Ninyo & Moore Geotechnical and Environmental Sciences Consultants 475 Goddard, Suite 200 Irvine, California 92618

> May 24, 2017 Project No. 210172001



May 24, 2017 Project No. 210172001

Ms. Amelia Soto Carson Housing Authority 701 East Carson Street Carson, California 90745

Subject: Asbestos and Lead Survey

21723 and 21725 Figueroa Street

Carson, California 90745

Dear Ms. Soto:

In accordance with your authorization to proceed, Ninyo & Moore has performed an asbestos and lead survey for the three structures at 21723 and 21725 Figueroa Street, Carson, California which are planned to be demolished. The attached report presents our methodology, findings, conclusions, and recommendations regarding our survey.

We appreciate the opportunity to be of service to you on this important project.

Sincerely,

NINYO & MOORE

Peter F. Kelley

Senior Staff Environmental Scientist Certified Asbestos Consultant No. 15-5463

Lead Inspector/Risk Assessor #18995

Nancy Anglin

Principal Engineer

PFK/MSC/NA/gkj

Distribution: (1) Addressee (via e-mail)

Michael Cushner

Senior Project Environmental Scientist Certified Asbestos Consultant No. 11-4711 Lead Inspector/Risk Assessor #16953



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Appendix A – Consultant Certificates

Appendix B – Asbestos and Lead Analytical Results and Chain-of-Custody Records

Appendix C – Field Drawing of Sampling Locations

Appendix D – Photographic Documentation

1. INTRODUCTION

In accordance with your authorization, Ninyo & Moore has performed an asbestos and lead survey in support of the upcoming demolition activities of the three structures at 21723 and 21725 Figueroa Street, Carson, California (site; Figure 1). This report has been prepared in accordance with generally accepted environmental science and engineering practices. This report is based on conditions at the site at the time of the sampling activities and provides documentation of our findings and recommendations.

2. PURPOSE AND SCOPE OF SERVICES

The objective of the asbestos and lead survey is to provide and document information about current conditions within the areas of the structure planned for demolition regarding the potential presence of asbestos containing materials (ACMs) and lead containing surfaces (LCS) which may be disturbed during upcoming demolition activities. For the purposes of this assessment, LCS refers to both lead-based paint (LBP) and other potential lead-containing materials, as defined by the California Department of Public Health (CDPH) and United States Department of Housing and Urban Development (HUD).

The scope of services we performed for the study is identified below.

- Performed a visual reconnaissance of the areas within the scope of work to evaluate the possible presence of ACMs and LCSs.
- Collected 60 bulk samples and submitted these samples to an independent laboratory for analysis of asbestos content. Samples were analyzed in accordance with the United States Environmental Protection Agency (EPA) recommended method of Polarized Light Microscopy (PLM) in accordance with EPA Test Method 600/R-93/116 July 93.
- Performed PLM 1,000 point count analysis on seven of the bulk samples submitted.
- Collected 20 paint chip samples and submitted these samples to an independent laboratory for analysis of lead content. Samples were analyzed by Flame Atomic Absorption method in accordance with EPA Test Method SW 846 3050B/7000B.
- Collected one ceramic tile sample of suspect LCS and submitted this sample was submitted to an independent laboratory. The sample was analyzed for the total lead for comparison

with the Total Threshold Limit Concentration by EPA Test Method SW 846 3050B/7000B and flame atomic absorption.

- Prepared field drawings showing ACM and LCS sampling locations.
- Prepared this survey report which presents our data and summarizes field activities, evaluated materials, and locations. This report includes field drawn sample location maps of positive results, a general site description, laboratory testing information, laboratory test results, and conclusions and recommendations.

3. SITE BUILDING DESCRIPTIONS

The following provide descriptions of the three site structures:

- **Liquor Store:** A two-level structure totaling an approximate 4,000 square foot (SF) area. The interior walls are drywall and plaster and exterior walls are stucco. An attic area is present. The concrete flooring substrate is finished with vinyl floor tiles. The roofing area is finished with built-up roofing material.
- **Residence:** A one-level structure totaling an approximate 1,200 SF area. The interior walls are plaster and are finished with ceramic tiles in some areas and exterior walls are stucco. The wood flooring substrate is finished with vinyl floor tiles. The roofing area is finished with built-up roofing material. An attic and crawlspace are present.
- **Storage:** A one-level structure totaling an approximate 375 SF area. The interior walls are bare and exterior walls are stucco. The concrete flooring substrate is unfinished. The roofing area is finished with built-up roofing material.

4. FIELD LIMITATIONS

Since non-destructive sampling techniques were used, there is a possibility that additional ACMs and LCSs may be encountered in inaccessible areas (e.g., interstitial wall and ceiling spaces) during building demolition activities.

Portions of the attic within the liquor store could not be surveyed due to inaccessible hatches. The crawlspace of the residence was inaccessible due to the presence of biohazards.

5. ASBESTOS SAMPLE COLLECTION AND LABORATORY ANALYSIS

The asbestos survey was performed on May 5, 2017, by Mr. Pedro Rodriguez, a California Department of Occupational Safety and Health (DOSH) Site Surveillance Technician. The

survey was performed under the direct supervision of Mr. Michael Cushner, a DOSH Certified Asbestos Consultant. Consultant certificates are presented in Appendix A.

5.1. Asbestos Survey

The survey inspection and sampling procedures were performed in accordance with the guidelines published by the EPA in 40 Code of Federal Regulations (CFR) Part 763 Subpart E, October 30, 1987 (Asbestos Hazard Emergency Response Act [AHERA]); the EPA guidance document "Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials (EPA 560/5-85-030a, October 1985); the National Emission Standards for Hazardous Air Pollutants (NESHAP; 40 CFR Part 61, subpart M); and the South Coast Air Quality Management District (SCAQMD) Rule 1403.

The survey consisted of three parts including: visual inspection, sampling, and quantification of the building materials.

5.1.1. Visual Inspection

Initial observations were made throughout the structures to evaluate the presence and condition of accessible suspect materials. Materials which were similar in general appearance were grouped into homogeneous sampling areas (areas in which the materials are uniform in color, texture, construction, or application date), as recommended by the EPA. Each homogeneous area was observed for material type, location, condition, and friability.

In accordance with the EPA and AHERA, suspect materials were placed in one of three categories:

- Surfacing Materials materials generally applied via sprayed or trowel methods,
- **Thermal Systems Insulation** (**TSI**) materials generally applied to various mechanical systems, or
- **Miscellaneous Materials** any materials which do not fit in the Surfacing or TSI classifications.

If asbestos is identified in a sample from a homogeneous area, the entire homogeneous area is considered to contain asbestos.

Representative samples were collected from each homogeneous area within the survey area, except areas that were inaccessible, or areas of assumed ACM, within the limitations of the survey.

Friability Classifications

The definition of friability is any material containing more than one percent asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure. The EPA's NESHAP regulation has different material categories for ACMs. These categories are used when demolition or renovation projects are being conducted. Each identified suspect homogeneous material was placed in one of the following EPA classifications:

- Category I Non-friable NESHAP defines a Category I non-friable ACM as packing, gaskets, resilient floor covering (except sheet flooring products which are considered friable), and asphalt roofing products which contain more than one percent asbestos.
- Category II Non-friable NESHAP defines a Category II non-friable ACM as any material, except for Category I non-friable ACM, which contains more than one percent asbestos and cannot be reduced to a powder by hand pressure when dry.
- Regulated Asbestos Containing Material is (a) friable asbestos material, (b) Category I non-friable ACM that has become friable, (c) Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting or abrading, or (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.

5.1.2. Sampling Procedures

Following the walkthrough, the inspector collected selected samples of accessible materials identified as suspect ACM. EPA, AHERA, NESHAP, and SCAQMD guidelines were used to determine the sampling protocol. Sampling locations were

chosen to be representative of the homogeneous material. A total of 60 samples of suspect ACMs were collected. Samples of surfacing material were collected in general accordance with the EPA sampling protocol outlined in EPA 560/5-85-030a, October 1985. Representative samples were taken from already damaged areas or areas which were the least visible. Samples of miscellaneous materials were collected as randomly as possible, while attempting to perform sampling in already damaged areas whenever possible, so as to minimize disturbance of the material. Generally, three samples of each homogeneous miscellaneous materials and TSI were collected, if present.

5.1.3. Quantification

Quantities of accessible and/or exposed building materials that were suspected of containing asbestos were estimated by taking approximate measurements in the field. Quantities are presented in square feet or linear feet to be used as a guide for contractor estimates on bidding for abatement activities. It is the abatement contractor's responsibility to confirm quantities prior to bidding and removal.

5.2. Asbestos Laboratory Analysis Procedures

Analysis was performed at EMLAB P&K (EMLAB), Irvine, California. EMLAB is a National Volunteer Laboratory Accreditation Program accredited laboratory. A chain-of-custody, documenting the possession and transfer of the samples from the time they were collected until analyzed and stored, was submitted with the bulk samples. The original chain-of-custody accompanied the materials. Custody documentation began at the time samples were collected and each transferor retained a copy of the chain-of-custody record.

Analysis was performed by preparing the bulk sample for visual observation and slide preparation(s) for microscopic examination and identification. The samples were mounted on slides and then analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non-asbestos constituents (mineral wool, paper, etc.), and non-fibrous constituents. Refractive indices, morphology, color, pleochroism, birefringence,

extinction characteristics, and signs of elongation identified asbestos. The same characteristics were used to identify the non-asbestos constituents.

The microscopist visually estimated relative amounts of each constituent by determining the volume of each constituent in proportion to the total volume of the sample, using a stereoscope. The bulk samples were analyzed by PLM with dispersion staining as described by the method of the determination of asbestos in bulk insulation, EPA/600/R-93/116, July 1993. This is a standard method of analysis in optical mineralogy and the currently accepted method for the determination of asbestos in bulk samples. A suspect material is immersed in a solution of known refractive index and subjected to illumination by polarized light. The characteristic color displays which result enable mineral identification.

Additional PLM 1,000 point count method was performed for this survey for PLM sample results less than one percent. Point counting method is more labor intensive and less subjective than a visual estimate. This can be important especially at low asbestos concentrations. Both the accuracy and precision are improved with point counting and the more points analyzed the better the accuracy and precision of the method.

6. LCS SURVEY

The LCS survey was performed on May 5, 2017, by Mr. Peter Kelley, a CDPH Lead-Related Construction (LRC) Inspector/Assessor. The survey was performed under the direct supervision of Mr. Michael Cushner, a CDPH LRC Inspector/Assessor and Project Monitor. Consultant certificates are presented in Appendix A.

Representative paint chip samples were collected by scraping at least a 2 square-inch sample of the representative material down to the substrate, and placing it in a sealed zip-lock bag. Analysis was performed at EMLAB P&K in Irvine, California. EMLAB is an accredited lead approved laboratory.

7. SURVEY AND ASSESSMENT RESULTS

The following sections describe the survey results.

7.1. Asbestos Results Summary

In the state of California, DOSH regulations define asbestos containing construction materials (ACCMs) as being present if at least one sample from a homogeneous area contains asbestos content of greater than one tenth of 1 percent (>0.1 percent). Materials in which no asbestos was detected are defined in the laboratory report as "None detected." Materials containing asbestos, but in amounts less than 1 percent, are defined as containing "trace" amounts and for the purpose of this report are assumed to be ACCM. Inaccessible suspect ACMs that are suspect of being ACM or ACCM, are noted to be ASSUMED asbestos containing.

Based on observations and the analytical results of bulk samples collected during the survey, ACMs and ACCMs were detected within the structures. The building materials sampled which were found to be asbestos containing are described in Table 1. The building materials sampled which were found to be non-asbestos containing are described in Table 2. A copy of the laboratory analytical report and chain-of-custody record is presented in Appendix B. The field drawing showing asbestos containing sampling locations of the materials collected is presented in Appendix C. General photographic documentation of the materials sampled is presented in Appendix D.

Table 1 – Positive Asbestos Survey Results

Material	Location	ACM Category	Condition	Approximate Quantity	Photograph No.
		Liquor Store			
Roof mastic	Roof	Category I Non- friable	Good	50 SF	2
Duct sealant	Roof ducts	Category II Non- friable	Good	15 SF	3
Window putty	Windows	Category II Non- friable	Good	85 LF	4
1' x 1' green floor tile and mastic over 9" x 9" dark green vinyl floor tile and mastic	Store room	Category II Non- friable	Good	50 SF	5
Residence					
Transite pipe	Roof	Category I Non- friable	Good	10 LF	9

Table 1 – Positive Asbestos Survey Results

Material	Location	ACM Category	Condition	Approximate Quantity	Photograph No.
		Residence			
Roof mastic	Roof	Category I Non- friable	Good	20 SF	10
Flooring (multiple layers)	Restroom	Category II Non- friable	Good	25 SF	No photo
Button board with plaster	Throughout	Category II Non- friable	Good	2,500 SF ACCM*	11
Storage					
Rolled roof	Roof	Category II Non- friable	Good	375 SF	16

Notes

ACCM – asbestos containing construction material

LF - linear feet

No.-number

PLM - polarized light microscopy

SF - square feet

" – inch

' – foot

* material was confirmed to be ACCM by PLM 1,000 point count laboratory analysis

Please note that quantities of ACMs and ACCMs are approximate. It is the abatement contractor's responsibility to confirm quantities prior to bidding and removal activities.

Table 2 – Non-Asbestos Containing Materials Sampled

Sample Material Description	Sample Location			
Liquor Store				
Stucco	Exterior walls			
Roof core	Roof			
Parapet wall	Roof			
Button board (plaster and drywall)	Interior walls and ceilings			
Old roof debris	Attic			
Black cove base and glue	Store room			
Residen	ice			
Stucco	Exterior walls			
Roof core (shingles)	Roof			
Barrier paper	Garage			
Flooring (multiple layers)	Kitchen			
Storag	e			
Stucco*	Exterior walls			

7.2. Lead-Containing Surfaces Summary

Federal efforts to regulate LBP began with the Lead-Based Paint Poison Prevention Act in 1971. In 1973, the Consumer Product Safety Commission (CPSC) defined LBP as paint having lead content equal to or greater than 0.5 percent by weight (5,000 parts per million {ppm}) in a dry film of newly applied paint. In 1978, the CPSC lowered the allowable lead levels in new paint to 0.06 percent. HUD developed guidelines relating to HUD facilities that specified lead content of 0.5 percent as an action level in determining the need for corrective action. Federal and State DOSH regulations do not differentiate when the statute applies by the amount of lead in paint, rather the activities, or tasks, define when the regulation is in effect. Both Federal and State standards use the term "trigger task" activities. In the work place, employers must make certain assumptions of the exposure levels and comply with regulations based on the level of disturbance rather than the lead level.

Based on the paint chip sampling activities and subsequent analysis, surfaces were found to exceed their respective lead containing action levels. Five of the 20 paint chip samples exceeded the action level of 5,000 ppm. The surfaces sampled, which were found to be lead containing and non-lead containing, are described in Tables 3, and 4 respectively. A copy of the laboratory analytical report and chain-of-custody record is presented in Appendix C. Field drawings showing sampling locations of the materials collected are presented in Appendix D. General photographic documentation is presented in Appendix E.

Please note that quantities of LCSs are approximate. It is the abatement contractor's responsibility to confirm quantities prior to bidding and removal activities.

Table 3 – Lead Based Paint Summary

Room/Area	Component	Substrate	Condition	Color	Approximate Quantity
		Liquor Store			
Exterior	Door Frame	Wood	Poor	Beige	20 LF
Exterior/Interior	Window Frame	Metal	Poor	Beige	20 LF
	Residence				
Exterior	Window Frame	Wood	Intact	White	30 LF
Exterior	Garage Door Frame	Wood	Fair	White	30 LF
Throughout	Ceiling	Plaster	Intact	White	900 SF

Table 3 – Lead Based Paint Summary

Room/Area	Component	Substrate	Condition	Color	Approximate Quantity
		Storage			
NA	NA	NA	NA	NA	NA
Notes: LF – linear feet NA – not applicable SF – square feet					

Table 4 – Suspect Lead Containing Paint Sampled*

Sample Material Description	Sample Location			
Liquor Store				
Beige paint	Exterior wood windowsills			
Beige paint	Exterior stucco walls			
Beige paint	Interior plaster walls			
Beige paint	Interior plaster ceiling			
Black paint	Exterior metal sign			
Reside	nce			
White paint	Exterior wood fascia			
White paint	Exterior wood overhang			
Beige paint	Exterior stucco wall			
White paint	Interior plaster wall			
White paint	Interior wood baseboard			
Green paint	Interior ceramic wall tile			
Stora	ge			
Beige paint	Exterior stucco walls			
White paint	Exterior wood door frame			
White paint	Exterior wood fascia			
White paint	Exterior wood overhang			
Brown paint	Exterior shed wall			
Notes:				
*Paint sample results are below the action level of 5,000 ppm				

7.3. Other Significant Findings

Other hazardous materials were found within the structures. The materials identified are presented below in Table 4.

Table 5 – Other Hazardous Materials Summary

Hazardous Material Description	Estimated Quantity		
Liquor Store			
Fluorescent light tubes (mercury)	100 each		
Ballast (assumed PCB containing)	25 each		
Mold growth	20 SF		

Table 5 – Other Hazardous Materials Summary

Hazardous Material Description	Estimated Quantity
Liquor Store	
Refrigerants in refrigerators and HVAC units	5 units
Mercury containing thermostat switch	4 each
Residence	
Human/animal waste	1,200 SF
Storage	
Paint cans	20 each
Notes: HVAC – heating, ventilation and air conditioning PCB – Polychlorinated biphenyls SF – square feet	

8. RECOMMENDATIONS

The following recommendations are provided:

8.1. General

• The demolition contractor should be aware that portions of the attic within the liquor store and the crawlspace were inaccessible at the time of the surveys. Contractor should be observant for suspect ACMs and LCS which may be present within these areas which will be exposed during demolition. Contractor should stop work immediately and contact the Carson Housing Authority in order to coordinate expedited sampling and analysis of the suspect building materials.

8.2. Asbestos

- The identified ACMs and ACCMs should not be disturbed. Prior to demolition activities
 which would disturb these building materials, a licensed abatement removal contractor
 should remove them. The licensed abatement contractor must maintain current licenses
 as required by applicable state or local jurisdictions for the removal, transporting,
 disposal, or other regulated activities.
- Applicable laws and regulations should be followed, including those provisions requiring notification to regulatory agencies, building occupants, renovation contractors, and workers of the presence of asbestos.
- Asbestos abatement monitoring consulting services should be performed by a third party environmental consultant, to include oversight of abatement contractor activities, daily air monitoring, clearances, verification of complete removal of hazardous materials, and preparation of a closeout report summarizing the abatement activities.

8.3. Lead

- The identified LCSs should not be disturbed. Paint stabilization activities should be performed on all paint found to be in a fair to poor condition by a licensed abatement contractor with certified lead personnel. All lead related removal activities should be performed in accordance with the DOSH Lead in Construction Standard, Title 8 California Code of Regulations (CCR) 1532.1.
- Proper LCS waste stream categorization is required. Prior to any renovation activities, a composite sample of the representative LCS material should be analyzed for total lead for comparison with the Total Threshold Limit Concentration in accordance with EPA reference method SW-846. If the concentration of total lead is greater than or equal to 1,000 mg/kg, the LCS waste material must be disposed at a landfill which can receive such wastes. If the concentration is less than 50 mg/kg the sample may be disposed as construction debris, if it is to remain in California. If the total lead result is greater than or equal to 50 mg/kg and less than 1,000 mg/kg, the sample must be further analyzed for soluble lead by the Waste Extraction Test for comparison with the Soluble Threshold Limit Concentration as described in Title 22 CCR 66261.24a. Additionally, if the result is greater than or equal to 100 mg/kg the sample must be further analyzed for leachable lead by the Toxicity Characteristic Leaching Procedure for comparison with the Resource Conservation and Recovery Act (RCRA) limits. Based on the results of the soluble and leachable analysis the waste material may require disposal as a RCRA-Hazardous waste or non-RCRA- (California-) Hazardous waste.
- Lead abatement monitoring consulting services should be performed by a third party environmental consultant, to include oversight of abatement contractor activities, daily air monitoring, clearances, and preparation of a closeout report summarizing the abatement activities.

8.4. Universal Wastes and Other Hazardous Materials

- The fluorescent light bulbs, light ballasts, refrigerant from the HVAC equipment, mercury containing switches, and paint cans noted in this report (Table 4), should be removed and properly recycled or disposed by the licensed abatement contractor prior to demolition or disposal activities. Contractor should provide proper manifesting for all hazardous materials removed and recycled to prove the disposal of all materials was completed in accordance with local, state, and federal requirements.
- The demolition contractor should be made aware that the mold growth and human/animal waste noted in Table 4 is present.
- Monitoring consulting services should be performed by a third party environmental consultant, to ensure the appropriate removal of the hazardous materials prior to building renovation activities.

9. LIMITATIONS

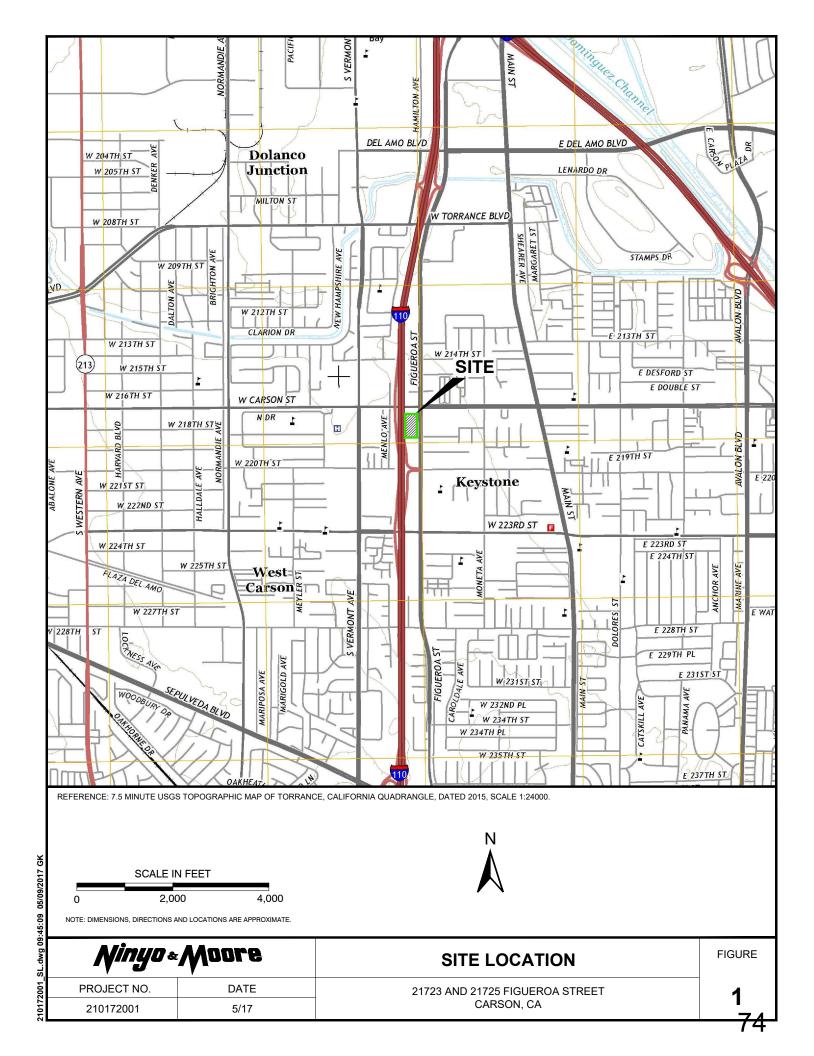
Ninyo & Moore's opinions and recommendations regarding environmental conditions, as presented in this report, are based on limited sampling and chemical analysis. Further assessment of potential adverse environmental impacts may be accomplished by a more comprehensive assessment. The samples collected and used for testing, and the observations made, are believed to be representative of the area(s) evaluated. However, if additional suspect ACMs or LCSs are encountered during renovation activities, these materials should be sampled by a qualified personnel, and analyzed for content prior to further disturbance. In addition, please note that quantities of ACMs and LCSs are approximate. These numbers should be confirmed prior to removal or repair activities.

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard-of-care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report. Variations in site conditions may exist and conditions not observed or described in this report may be encountered during subsequent activities.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires any additional information, or has questions regarding content, interpretations presented, or completeness of this document.

The environmental interpretations and opinions contained in this report are based on the results of laboratory tests and analyses intended to detect the presence and concentration of specific chemical or physical constituents in samples collected from the subject site. The testing and analyses have been conducted by an independent laboratory which is certified by the State of California to conduct such tests. Ninyo & Moore has no involvement in, or control over, such testing and analysis. Ninyo & Moore, therefore, disclaims responsibility for any inaccuracy in such laboratory results.

Our conclusions, recommendations, and opinions are based on an analysis of the observed site conditions. It should be understood that the conditions of a site can change with time as a result of natural processes or the activities of man at the subject site or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control.



APPENDIX A

CONSULTANT CERTIFICATES













APPENDIX B

ASBESTOS AND LEAD ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY RECORDS

ASBESTOS



Report for:

Mr. Mike Cushner Ninyo & Moore - Irvine 475 Goddard Suite 200 Irvine, CA 92618

Regarding: Project: 210172001

EMĹ ID: 1722744

Approved by:

Approved Signatory

Danny Li

Dates of Analysis:

Asbestos PLM: 05-08-2017 to 05-10-2017

Service SOPs: Asbestos PLM (EPA Methods 600/R-93/116 & 600/M4-82-020, SOP EM-AS-S-1267)

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the items tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

EMLab P&K

Lab ID-Version 1: 8035990-1

Lab ID-Version :: 8035991-1

Lab ID-Version 1: 8035992-1

17461 Derian Ave, Suite 100, Irvine, CA 92614 (866) 888-6653 Fax (623) 780-7695 www.emlab.com

Client: Ninyo & Moore - Irvine Date of Sampling: 05-05-2017 C/O: Mr. Mike Cushner Re: 210172001

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Date of Receipt: 05-05-2017 Date of Report: 05-10-2017

> **Total Samples Submitted:** 60 **Total Samples Analyzed:** 48

Total Samples with Layer Asbestos Content > 1%: 8

Location: 1. Liquor Store, Exterior West Wall, Stucco

Sample Layers	Asbestos Content
Beige Stucco with Paint	ND
Gray Stucco	ND
Sample Composite Homogeneity: Moderate	

Location: 2, Liquor Store, Exterior North Wall, Stucco

Sample Layers	Asbestos Content
Beige Stucco with Paint	ND
Gray Stucco	ND
Sample Composite Homogeneity: Moderate	

Location: 3, Liquor Store, Exterior East Wall, Stucco

Sample Layers	Asbestos Content
Beige Stucco with Paint	ND
Gray Stucco	ND
Sample Composite Homogeneity:	Moderate

Location: 4, Liquor Store, Exterior Northeast Flashing, Stucco

Location: 4, Liquor Store, Exterior Northeast Flashing,	Stucco Lab ID-Version‡: 8035993-1
Sample Layers	Asbestos Content
Beige Stucco with Paint	ND
Gray Stucco	ND
Sample Composite Homogeneity: Moderate	

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17461 Derian Ave, Suite 100, Irvine, CA 92614

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Date of Sampling: 05-05-2017

Client: Ninyo & Moore - Irvine C/O: Mr. Mike Cushner

Date of Receipt: 05-05-2017 Re: 210172001 Date of Report: 05-10-2017

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 5, Liquor Store, Exterior Northwest Overhang/Eve, Stucco

Lab ID-Version :: 8035994-1

Sample Layers	Asbestos Content
Beige Stucco with Paint	ND
Gray Stucco	ND
Sample Composite Homogeneity: Moderate	

Location: 6, Liquor Store, Roof South/CTR, Roof Core (Rolled)

Lab ID-Version 1: 8035995-1

Sample Layers	Asbestos Content	
Black Roofing Shingle with Pebbles	ND	
Black Roofing Tar and Felt	ND	
Black Roofing Tar and Felt	ND	
Composite Non-Asbestos Content: 20% Cellulose		
	15% Glass Fibers	
Sample Composite Homogeneity:	Poor	

Location: 7, Liquor Store, Roof East, Roof Core (Rolled)

Lab ID-Version 1: 8035996-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Composite Non-Asbestos Content:	20% Cellulose
	15% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: 8, Liquor Store, Roof North, Roof Core (Rolled)

Lab ID-Version :: 8035997-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Composite Non-Asbestos Content:	20% Cellulose
_	15% Glass Fibers
Sample Composite Homogeneity:	Poor

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Lab ID-Version †: 8036001-1

Lab ID-Version :: 8036002-1

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Client: Ninyo & Moore - Irvine Date of Sampling: 05-05-2017 C/O: Mr. Mike Cushner Date of Receipt: 05-05-2017

Re: 210172001 Date of Report: 05-10-2017

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 9, Liquor Store, Roof at Vent Seam - CTR/N., N	Mastic Lab ID-Version‡: 8035998-1
Sample Layers	Asbestos Content
Black Roofing Mastic	10% Chrysotile
Sample Composite Homogeneity: Moderate	

Comments: Samples 10 and 11 were not analyzed due to prior positive series.

Location: 12. Liquor Store, Roof at Southwest, Parapet Wall Shingle/Rolled

Estation: 12, Esquar Store, Roof at South west, 1 arapet 1, an Smile Rolled	
Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	20% Cellulose
_	15% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 13, Liquor Store, Roof South Central, Parapet Wall Shingle/Rolled

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	20% Cellulose
	15% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 14. Liquor Store, Roof at South East, Parapet Wall

Location: 14, Liquor Store, Roof at South East, Parapet	t Wall Lab ID-Version‡: 8036003-1
Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	20% Cellulose
-	15% Glass Fibers
Sample Composite Homogeneity:	Moderate

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Date of Sampling: 05-05-2017

Client: Ninyo & Moore - Irvine C/O: Mr. Mike Cushner

Date of Receipt: 05-05-2017 Re: 210172001 Date of Report: 05-10-2017

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 15, Liquor Store, Roof at Duct Seams - CTR, Duct Sealant

Lab ID-Version :: 8036004-1

Sample Layers	Asbestos Content
Black Sealant	8% Chrysotile
Sample Composite Homogeneity: Moderate	

Comments: Samples 16 and 17 were not analyzed due to prior positive series.

Location: 18, Liquor Store, Wall at Upstairs/West, Button Board (Plaster and DW)

Lab ID-Version‡: 8036007-1

Sample Layers	Asbestos Content
White Plaster with Paint	ND
Gray Plaster	ND
White Drywall with Brown Paper (Button Board)	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Poor

Location: 19, Liquor Store, Ceiling at Upstairs/West, Button Board (Plaster and DW)

Lab ID-Version‡: 8036008-1

Sample Layers	Asbestos Content	
White Plaster with Paint	ND	
Gray Plaster	ND	
White Drywall with Brown Paper (Button Board)	ND	
Composite Non-Asbestos Content: 10% Cellulose		
Sample Composite Homogeneity:	Poor	

Location: 20, Liquor Store, Ceiling at Downstairs Store/Rm, Button Board (Plaster and DW)

Lab ID-Version :: 8036009-1

Sample Layers	Asbestos Content
White Plaster with Paint	ND
Gray Plaster	ND
White Drywall with Brown Paper (Button Board)	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Poor

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ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 21, Liquor Store, Wall at Downstairs Hallway, Button Board (Plaster and DW)

Lab ID-Version 1: 8036010-1

Sample Layers	Asbestos Content	
White Plaster with Paint	ND	
Gray Plaster	ND	
White Drywall with Brown Paper (Button Board)	ND	
Composite Non-Asbestos Content: 10% Cellulose		
Sample Composite Homogeneity:	Poor	

Location: 22, Liquor Store, Wall at Upper/SW Attic/North Side Wall, Button Board (Plaster and DW)

Lab ID-Version 1: 8036011-1

Sample Layers	Asbestos Content	
White Plaster with Paint	ND	
Gray Plaster	ND	
White Drywall with Brown Paper (Button Board)	ND	
Composite Non-Asbestos Content: 10% Cellulose		
Sample Composite Homogeneity:	Poor	

Location: 23, Liquor Store, Interior West Windows - North, Window Putty

Lab	D-V	ersion‡:	8036012-1	
ntent				

Lab ID-Version 1: 8036015-1

Sample Layers	Asbestos Content	
White Window Putty	5% Chrysotile	
Sample Composite Homogeneity: Moderate		

Comments: Samples 24 and 25 were not analyzed due to prior positive series.

Location: 26, Liquor Store, Interior Southwest Attic, Old Roof Debris

	·
s Content	
ND	

Sample Layers	Asbestos Content
Black Debris	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate
Sample Composite Homogeneity:	Moderate

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Asbestos

Client: Ninyo & Moore - Irvine

C/O: Mr. Mike Cushner

Re: 210172001

Date of Sampling: 05-05-2017

Date of Receipt: 05-05-2017

Date of Report: 05-10-2017

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 27, Liquor Store, Store Room/Floor Southwest, 1X1 VFT and Mastic over 9X9

VFT and Mastic Lab ID-Version‡: 8036016-1

Sample Layers	Asbestos Content
Green Floor Tile (Top)	ND
Black Mastic	5% Chrysotile
Green Floor Tile (Bottom)	5% Chrysotile
Black Mastic	ND
Sample Composite Homogeneity: Moderate	

Comments: Samples 28 and 29 were not analyzed due to prior positive series.

Sample Layers

Black Baseboard

Brown Mastic

Location: 30, Liquor Store, Store Room/By Fridge-S, Black Cove Base and Mastic

<u> </u>	Luo ID	Version ₄ . 0030017 1
tos Conten	ıt	
ND		
ND		

Lab ID-Version †: 8036019-1

Location: 31, Liquor Store, Store Room/By Fridge-W, Black Cove Base and Mastic

Sample Composite Homogeneity: Moderate

Lab ID-Version :: 8036020-1

Sample Layers	Asbestos Content
Black Baseboard	ND
Brown Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: 32, Liquor Store, Store Room/By Fridge-CTR, Black Cove Base and Mastic Lab ID-Version: 8036021-1

Sample Layers	Asbestos Content
Black Baseboard	ND
Brown Mastic	ND
Sample Composite Homogeneity: Moderate	

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Client: Ninyo & Moore - Irvine C/O: Mr. Mike Cushner

Re: 210172001

Date of Sampling: 05-05-2017 Date of Receipt: 05-05-2017 Date of Report: 05-10-2017

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 33, House, Exterior Wall-E, Stucco

Lab ID-Version‡: 8036022-1

Sample Layers	Asbestos Content
Yellow Stucco with Paint	ND
Gray Stucco	ND
Sample Composite Homogeneity: Moderate	

Location: 34, House, Exterior Wall-S, Stucco

Lab ID-Version 1: 8036023-1

Sample Layers	Asbestos Content
Yellow Stucco with Paint	ND
Gray Stucco	ND
Sample Composite Homogeneity: Moderate	

Location: 35, House, Exterior Wall-N, Stucco

Lab ID-Version :: 8036024-1

Sample Layers	Asbestos Content
Yellow Stucco with Paint	ND
Gray Stucco	ND
Sample Composite Homogeneity: Moderate	

Location: 36, House, South End Roof, Transite Pipe

Lab ID-Version‡: 8036025-1

Sample Layers	Asbestos Content
Gray Transite	10% Chrysotile 2% Amosite < 1% Crocidolite
Sample Composite Homogeneity:	Good

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Lab ID-Version‡: 8036027-1

Lab ID-Version :: 8036028-1

Lab ID-Version :: 8036029-1

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Client: Ninyo & Moore - Irvine Date of Sampling: 05-05-2017 C/O: Mr. Mike Cushner Date of Receipt: 05-05-2017 Re: 210172001 Date of Report: 05-10-2017

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 37, House, Roof-CTR, Roof Core Shingles

Location: 37, House, Roof-CTR, Roof Core Shingles	Lab ID-Version‡: 8036026-1
Sample Layers	Asbestos Content
Black Roofing Shingle with Brown Pebbles	ND
Black Roofing Shingle with Dark Brown Pebbles	ND
Black Roofing Shingle with Dark Brown Pebbles	ND
Composite Non-Asbestos Content:	25% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: 38, House, Roof-N, Roof Core Shingles

Sample Layers	Asbestos Content
Black Roofing Mastic	ND
Black Roofing Shingle with Brown Pebbles	ND
Black Roofing Shingle with Dark Brown Pebbles	ND
Black Roofing Shingle with Dark Brown Pebbles	ND
Composite Non-Asbestos Content:	25% Glass Fibers 2% Cellulose
Sample Composite Homogeneity:	Poor

Location: 39, House, Roof-W, Roof Core Shingles

Sample Layers	Asbestos Content
Sample Layers	Aspestos Content
Black Roofing Mastic	ND
Black Roofing Shingle with Brown Pebbles	ND
Black Roofing Shingle with Dark Brown Pebbles	ND
Black Roofing Shingle with Dark Brown Pebbles	ND
Composite Non-Asbestos Content:	25% Glass Fibers
•	2% Cellulose
Sample Composite Homogeneity:	Poor

Location: 40, House, Roof-West at W.B. Seams, Roof Mastic

Sample Layers	Asbestos Content
Black Roofing Mastic	5% Chrysotile
Sample Composite Homogeneity:	Good

Comments: Samples 41 and 42 were not analyzed due to prior positive series.

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Date of Sampling: 05-05-2017

Client: Ninyo & Moore - Irvine C/O: Mr. Mike Cushner

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ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 43, House, Restroom Floor, Flooring Multiple Lavers

Lab ID-Version‡: 8036032-1

Sample Layers	Asbestos Content
Beige Floor Tile	2% Chrysotile
Yellow Mastic	ND
Brown Floor Tile	ND
Yellow Mastic	ND
Tan Sheet Flooring with Fibrous Backing	25% Chrysotile
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Poor

Location: 44, House, Garage Behind Stucco-N, Barrier Paper

Lab ID-Version‡: 8036033-1

Sample Layers	Asbestos Content
Black Vapor Barrier	ND
Composite Non-Asbestos Content:	75% Cellulose
Sample Composite Homogeneity:	Good

Location: 45, House, Garage Behind Stucco-W, Barrier Paper

Lab ID-Version :: 8036034-1

Sample Layers	Asbestos Content
Black Vapor Barrier	ND
Composite Non-Asbestos Content:	75% Cellulose
Sample Composite Homogeneity:	Good

Location: 46, House, Garage Behind Stucco-S, Barrier Paper

Lab ID-Version :: 8036035-1

Sample Layers	Asbestos Content
Black Vapor Barrier	ND
Composite Non-Asbestos Content:	75% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 47, House, Kitchen-N, Flooring Multiple Layer	Prs Lab ID-Version‡: 8036036-1
Sample Layers	Asbestos Content
Brown Floor Tile	ND
Yellow Mastic	ND
Off-White Floor Tile	ND
Yellow Mastic	ND
Gray Leveling Compound	ND
Off-White Leveling Compound	ND
White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Poor

Comments: Unable to determine the order of layers.

Location: 48, House, Kitchen-S, Flooring Multiple Layer	Lab ID-Version‡: 8036037-1
Sample Layers	Asbestos Content
Brown Floor Tile	ND
Yellow Mastic	ND
Off-White Floor Tile	ND
Yellow Mastic	ND
Gray Leveling Compound	ND
Off-White Leveling Compound	ND
White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Poor

Comments: Unable to determine the order of layers.

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Date of Sampling: 05-05-2017
Date of Receipt: 05-05-2017
Date of Report: 05-10-2017

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 49, House, Kitchen-CTR, Flooring Multiple Layers

Lab ID-Version‡: 8036038-1

Sample Layers	Asbestos Content
Brown Floor Tile	ND
Yellow Mastic	ND
Gray Floor Tile	ND
Yellow Mastic	ND
Gray Leveling Compound	ND
Off-White Leveling Compound	ND
White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Poor	

Comments: Unable to determine the order of layers.

Location: 50, House, Ceiling at Living Rm-CTR, Button Board Plaster/DW

Lab ID-Version‡: 8036039-1

Sample Layers	Asbestos Content
Green Plaster with Paint	< 1% Chrysotile
Off-White Plaster	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Poor

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Client: Ninyo & Moore - Irvine
C/O: Mr. Mike Cushner
Date of Sampling: 05-05-2017
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ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 51, House, West Bedroom Wall-East, Button Board Plaster/DW

Lab ID-Version‡: 8036040-1

Sample Layers	Asbestos Content
Green Plaster with Paint	< 1% Chrysotile
Off-White Plaster	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Poor

Location: 52, House, Garage Wall (South), Button Board Plaster/DW

Lab ID-Version‡: 8036041-1

Sample Layers	Asbestos Content
Off-White Plaster	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Poor

Location: 53, House, Attic/Hallway Ceiling, Button Board

Lab ID-Version‡: 8036042-1

Sample Layers	Asbestos Content
Green Plaster with Paint	< 1% Chrysotile
Off-White Plaster	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content: 10% Cellulose	
Sample Composite Homogeneity:	Poor

Location: 54, House, Dining Room Wall-North, Button Board

Lab ID-Version :: 8036043-1

Sample Layers	Asbestos Content
Green Plaster with Paint	< 1% Chrysotile
Off-White Plaster	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Poor

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. EMLab P&K 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.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

 \ddagger A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

EMLab P&K, LLC EMLab ID: 1722744, Page 13 of 14

Lab ID-Version :: 8036047-1

Lab ID-Version :: 8036048-1

Lab ID-Version † : 8036049-1

17461 Derian Ave, Suite 100, Irvine, CA 92614

(866) 888-6653 Fax (623) 780-7695 www.emlab.com

Date of Sampling: 05-05-2017

Client: Ninyo & Moore - Irvine C/O: Mr. Mike Cushner

Date of Receipt: 05-05-2017 Re: 210172001 Date of Report: 05-10-2017

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: 55, Storage, Roof-E, Roof Core (Rolled)

Lab ID-Version :: 8036044-1 Sample Layers **Asbestos Content** 5% Chrysotile Black Roofing Mastic (Top Layer) Black Roofing Shingle with Brown Pebbles ND Black Roofing Tar ND Black Roofing Felt (Bottom Layer) ND **Composite Non-Asbestos Content:** 15% Cellulose 15% Glass Fibers **Sample Composite Homogeneity:** Moderate

Comments: Samples 56 and 57 were not analyzed due to prior positive series.

Location: 58, Storage, Exterior Wall-South, Stucco and Barrier Paper

= 0 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	
Sample Layers	Asbestos Content
Beige Stucco	< 1% Chrysotile
Gray Stucco	ND
Black Vapor Barrier	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 59, Storage, Exterior Wall-East, Stucco and Barrier Paper

, 8,	<u>.</u>
Sample Layers	Asbestos Content
Beige Stucco	< 1% Chrysotile
Gray Stucco	ND
Black Vapor Barrier	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 60 Storage Exterior Wall-North Stucco and Barrier Paper

Location: 00, Storage, Exterior Wan-North, Stucco and	Barrier Taper
Sample Layers	Asbestos Content
Beige Stucco	< 1% Chrysotile
Gray Stucco	ND
Black Vapor Barrier	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

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EMLab P&K, LLC EMLab ID: 1722744, Page 14 of 14

Ninyo & Moore 475 Goddard, Suite 200

Irvine, CA 92618

Feec (949) 753-7071

Tel: (949) 753-7070,

Project Name :

21723/21725 Figueroa St, Carson

Project No.: .

210172001

Project Manager: Michael Cushner

moushner@ninyoandmoore.com

Date Sampled: 5/5/17

Sampled By: Pedro Rodriguez

<u>prodriguez@ninyoandmoote.com</u>



01722744

AN OF CUST	ODY INFORMATION:		Analy	sis:PLM EP	A 600/R-93/1	16		TAT: Star	idard/Norma	<u>al</u>	
1	Relinquished By: (si	gn/print)	Сомрану	Date	Time(24 hr.)		'Receiv	ed By: (sign/print)	1:58,000	Lak	ocratory
9115	/ Pedro Rodrigo	16.7	Ninyo & Moore	5/5/17				1 5/19	- 1/	EMI	No
		· ·			i Č	سسست.		777	1	1	
LabiD	Sample ID	Building Number	Se	emple Location	·	HA No.	Samp	le Description	Quantity (SF/LF/EA)	Friable (Y/N)	Conditio
····	/	liquer share	Externor	west e	wall.	4	Sto	100	3,000		3000
	2			North	Wall				1	7	
				East	Well						1
	4		, l	isheest F				<u> </u>			
	5		 	THE WAY	overhang/	1			1] -	
·	0		Book	iosth	/c116	Į, T	Roof	Core (follow	2,600	N	900
	1			East		.]				1	
	6			Noeth	1	4	· ·			4	73
····	7		Port 6	vent s	CTP/N.	3	Bo M	astic	505F		7
	10	<u> </u>	@ A	Diet s	Seams						
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	12		Poof	o Soul	hwest	4	Paregul	WAN Shingfulle	300SE	2	200
	13		\downarrow	South	Central	1	J				

* Stop First Positive, Greater Than 190, Even if # Just

Actions of July Date Share 2000 ASS Co.

Ninyo & Moore 475 Goddard, Suite 200

îrvine, CA 92618

Tel: (949) 753-7070

Project Name:

21723/21725 Figueroa St, Carson

Project No.: •

210172001 Project Manager: Michael Cushner

mcushner@ninyoandmoore.com

Date Sampled: 5/5/17

Sampled By: Pedro Rodriguez prodriguez@ninyoandmoore.com



Fasc (94 9) 753-70		<u> </u>	incusaties@ninygenumcore.com				0017	22744		
CHAIN OF CUST	ODY INFORMATION:		Analys	sis:PLM EP	A 600/R-93/1	16	TAT: Stan	dard/Norma	<u></u>	
1	Relinquished By: (sl	gn/print)	Company	Date	Time(24 hr.)		Received By: (signiprint)		Laboratory	
M	U / Pedro Rudrigu	Jez	Ninyo & Moore	5/5/17	. : (1 5/5/12	1:58,-		· · · · ·
	/						\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ 	77		
LabiD	Sample ID	Building Kumber	\$a	mpie Location	1	HA No.	Sample Description	Quantity (SF/LF/EA)	Friable (Y/N)	Conditio
	14	liquor store	Roof	@ 500 Al	h East	4	Paraget wall	300	W.	goor
	15		. @	Duck Se	WMS CIR	5	Paraget Wall Duct Scalant	15 sp	T	
<u>-</u> .	16				-cra					
· · · · · · · · · · · · · · · · · · ·		<u> </u>	4	+ +	-CTP	4	4 4	4	4	1
	18		Wall@ 4	rstairs /	ust	6	Botton Board (Physon	2,000	'n	9000
· .	19		Ceiling @	1/	V					
	20	<u> </u>	1 @ d	lownships :	store/em	1_		4	4	
	21		Wall @ d	nushing t				4		
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_	24		· •	eshour/						
·- <u>-</u> -	25		+ · 1	myrod	1134	4_	+ +	4	4	. 1
	24		Interior S	whwest	Attic	8	old flood debuts	200 SF	Υ	p oor

* See Note on pg 1

Ninyo & Moore 475 Goddard, Suite 200

Irvine, CA 92618

Tel: (949) 753-7070

Fax: (949) 753-7071

Project Name :

21723/21725 Figueroa St, Carson

Project No.:

210172001

Project Manager: Michael Cushner

moushner@ninyoandmoore.com

Date Sampled: 5/5/17

Sampled By: Pedro Rodriguez

prodriguez@ninvosndmoore.com



001722744

HAIN OF CUST	DOY INFORMATION:	•	Analy:	sis:PLM EP/	4 600/R-93/1	16	TAT: Stand	dard/Norma	 [
100	Relinquished By: (s	ign/print)	Company	Date	Time(24 hr.)		'Received By: (sign/print)		Laboratory	
	/ Pedro Rodrig	uez	Ninyo & Moore	5/5/17			5/5/17		1	
	ſ					<u></u>	2 , 71			·
LabiD	Sample !D	Building Number	Sa	mple Location		HA No.	Sample Description	Quantity (\$F/LF/EA)	Friable (Y/N)	Conditio
•	27	liguor stone	Stone Room	~ / Floo	r Shuest	9	1XI UFT + Mastic OVER 9X9 UFT + Austic	19005E	N	3000
	28			Floor	,			130035	1	
·	29				ashier					
	30			by Fri	dye -5	10	Black Cove Book tamp	ZOLF	1	
	31				الناب				1	
	32	1	J	1	~ 4T/2	4	4	-	1	
	33	House	Exterio w	an — ±	!	41	Streco	2,000	N	المحدوا
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	38			- N						
	39		+	-W		+	T +	14	4	4

* Se Note page)

Ninyo & Moore 475 Goddard, Suite 200

Irvine, CA 92618

Tet: (949) 753-7070

Pax: (949) 753-7071

Project Name:

21723/21725 Figueroa St, Carson

Project No.: 210172001

Project Manager: Michael Cushner

mcushner@ninvoandmocre.com

Date Sampled: 5/5/17

Sampled By: Pedro Rodriguez prodriguez@ninyoandmoore.com

001722744



N OF CUSTO	DDY INFORMATION:		Analys	sis:PLM EP	A 600/R-93/1	16	TAT: Stan	dard/Norma	al .	
-	Relinquished By: (s	ign/print)	Сотралу	Darte	Time(24 hr.)		'Received By: (sign/print)		Laboratory	
<u>912</u>	/ Padro Rodrig	usz	Ninyo & Moore	5/5/17			5/5/17			·····
	<i>I</i>	· · · · · · · · · · · · · · · · · · ·				سب	· / / ·			
LabiD	Sample ID	Building Number	L	mple Location		HA No.	Sample Description	Quantity (SF/LF/EA)	Friable (Y/N)	Conditio
	40	Horer	Rost	- W 15# @ W.B	Seans	14	Roof Mastic	2055	Ŋ	good
	4/		Root -	Con	re					
	42	+	1 -	@ Tra;	es	F	1 + +	1		1
	43		Restron	n Floor		· / 5	Flooring MAtiple layor	25.0	N	Greece
	чч		Gary	Dehen	1 Strees	16	Flooring MAtiple layor Barrier Paper	2,000	~	good
	15		brann	1	−W Stuces	7			1	1
	ч(I I o	1.	-S	4	+ +	4-	4	¥
	47		K: Lohe		,	17	Flooring Hothigh Lyon	150 50	~	9000
	ug		· 1	-5	:		1		1	
	44		1	-cra		4	4	4		
	50		Cerling	Phin	7 Rm	18	Bullon Borne Planty per	75.00 50		1
	51		Wist Be	deam	East Wall		1 1		<u> </u>	
	52	14	Garan		(South)	1	+ ++	4	4	4

* See Note Page

Ninyo & Moore 475 Goddard, Suite 200 Irvine, CA 92618

Telt (949) 758-7070

Fax: (949) 753-7071

Project Name :

21728/21725 Figueroa St, Carson

Project No.;

210172001

Project Manager: Michael Cushner

mcushrier@ninyoandmoore.com

Date Sampled: 5/5/17

Sampled By: Pedro Rodriguez prodriguez@ninyoandmoore.com

001722744

IN OF CUSTO	DY INFORMATION:		Analys	sis:PLM EP,	A 600/R-93/1	16	TAT: Star	ndard/Norma	3J	
m	Relinquished By: (st	gr/print)	Company	Date	Time(24 hr.)		'Received By: (sign/print)		Laboratory	
(M)	Pedro Rodrigu	*	Ninyo & Moore	5/5/17			5/5/		 	
	/					, ////				
LabiD	Sample ID	Building Number	Sa	mple Location	i ;	HA No.	Sample Description	Quantity (SF/LF/EA)	Friable (Y/N)	Conditio
	53	House	Attic/H	allon Ce	luz.	18	Bellow Board	2,500	N.	8000
	59		Attic/t	Ruen	Wall	10	1 1	II	1	1
	55	STORAGE	1 - 4/	#E	1.	17	Roof Conce	37555	Ų	good
	54	STORAGE	ď	CTR		<u> </u>			1	
	57		4 -	8 W		1		11	4	1
	58		Exerior	ع ـ المس	pulh.	20	Stucio + Bampio	1,500	N	good
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* See Node Jage !



Report for:

Mr. Mike Cushner Ninyo & Moore - Irvine 475 Goddard Suite 200 Irvine, CA 92618

Regarding: Project: 210172001

EMĹ ID: 1722744

Approved by:

EMLab P&K, LLC

Dates of Analysis:

Asbestos-EPÁ 1000 point count: 05-20-2017 and 05-22-2017

Approved Signatory Danny Li

Service SOPs: Asbestos-EPA 1000 point count (EPA Methods 600/R-93/116 & 600/M4-82-020, SOP EM-AS-S-1262)

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

17461 Derian Ave, Suite 100, Irvine, CA 92614 (866) 888-6653 Fax (623) 780-7695 www.emlab.com

Client: Ninyo & Moore - Irvine

C/O: Mr. Mike Cushner

Re: 210172001

Date of Sampling: 05-05-2017

Date of Receipt: 05-05-2017

Date of Report: 05-22-2017

ASBESTOS POINT COUNT REPORT: EPA METHOD 600/R-93-116

Location:	50 House, Ceiling at Living Rm-CTR, Button Board Plaster/DW					
Total Points Counted:	1000					
Lab ID-Version‡:	8065482-1					
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)			
Green Plaster with Paint	Chrysotile	0	< 0.1			
Layer Totals:		0	NA			

Comments: Asbestos was detected, but no points counted.

Location:	51 House, West Bedroom Wall-East, Button Board Plaster/DW					
Total Points Counted:	1000					
Lab ID-Version‡:	8065483-1					
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)			
Green Plaster with Paint	Chrysotile	0	< 0.1			
Layer Totals:		0	NA			

Comments: Asbestos was detected, but no points counted.

Location:	53 House, Attic/Hallway Ceiling, Button Board					
Total Points Counted:	1000					
Lab ID-Version‡:	8065484-1					
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)			
Green Plaster with Paint	Chrysotile	1	0.1			
Layer Totals:		1	0.1			

Comments:

The analytical sensitivity is 1 asbestos point. The limit of detection is 1 asbestos point divided by the total number of asbestos points counted and multiplied by 100.

The results relate only to the items tested. Interpretation is left to the company and/or persons who conducted the field work. The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

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‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

EMLab P&K, LLC EMLab ID: 1722744, Page 2 of 4

17461 Derian Ave, Suite 100, Irvine, CA 92614

(866) 888-6653 Fax (623) 780-7695 www.emlab.com

Client: Ninyo & Moore - Irvine C/O: Mr. Mike Cushner

Re: 210172001

Date of Sampling: 05-05-2017 Date of Receipt: 05-05-2017 Date of Report: 05-22-2017

ASBESTOS POINT COUNT REPORT: EPA METHOD 600/R-93-116

Location:	54 House, Dining Room Wall-North, Button Board					
Total Points Counted:	1000					
Lab ID-Version‡:	8065485-1					
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)			
Green Plaster with Paint	Chrysotile	1	0.1			
Layer Totals:		1	0.1			

Comments:

Location:	58 Storage, Exterior Wall-South, Stucco and Barrier Paper						
Total Points Counted:	1000						
Lab ID-Version‡:	8065486-1						
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)				
Beige Stucco Layer Totals:	Chrysotile	0	< 0.1 NA				

Comments: Asbestos was detected, but no points counted.

Location:	59					
	Storage, Exterior Wall-East, Stucco and Barrier Paper					
Total Points Counted:	1000					
Lab ID-Version‡:	8065487-1					
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)			
Beige Stucco	Chrysotile	0	< 0.1			
Layer Totals:		0	NA			

Comments: Asbestos was detected, but no points counted.

The analytical sensitivity is 1 asbestos point. The limit of detection is 1 asbestos point divided by the total number of asbestos points counted and multiplied by 100.

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EMLab P&K, LLC EMLab ID: 1722744, Page 3 of 4

EMLab P&K

17461 Derian Ave, Suite 100, Irvine, CA 92614 (866) 888-6653 Fax (623) 780-7695 www.emlab.com

Client: Ninyo & Moore - Irvine

C/O: Mr. Mike Cushner

Re: 210172001

Date of Sampling: 05-05-2017

Date of Receipt: 05-05-2017

Date of Report: 05-22-2017

ASBESTOS POINT COUNT REPORT: EPA METHOD 600/R-93-116

Location:		60 Storage, Exterior Wall-North, Stucco and Barrier Paper						
Total Points Counted:								
Lab ID-Version‡:		8065488-1						
Sample Layers		Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)				
Beige Stucco		Chrysotile	0	< 0.1				
Lay	er Totals:		0	NA				

Comments: Asbestos was detected, but no points counted.

The analytical sensitivity is 1 asbestos point. The limit of detection is 1 asbestos point divided by the total number of asbestos points counted and multiplied by 100.

The results relate only to the items tested. Interpretation is left to the company and/or persons who conducted the field work. The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

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EMLab P&K, LLC EMLab ID: 1722744, Page 4 of 4

Ninyo & Moore 475 Goddard, Suite 200

Irvine, CA 92618

Feec (949) 753-7071

Tel: (949) 753-7070,

Project Name :

21723/21725 Figueroa St, Carson

Project No.:

210172001

Project Manager: Michael Cushner

mcushner@ninyoandmoore.com

Date Sampled: 5/5/17

Sampled By: Pedro Rodriguez

<u>prodriguez@ninyoandmoote.com</u>



001722744

N OF CUSTO	DDY INFORMATION:		Analy	sis:PLM EP	A 600/R-93/1	16	<u> </u>	TAT: Stand	dard/Norma	11	
Refinquished By: (sign/print) // Pedro Rodriguez			Сомрану	Date	Time(24 ⁱ hr.)		Received By: (sign/print)			1.58 P	
			Ninyo & Moore 5/5/17			1 5/17	- 1/	5Ml	Nb		
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LabiD	Sample ID	Building Number	Se	emple Location	1	HA No.	Samp	le Description	Quantity (\$F/LF/EA)	Friable (Y/N)	Conditi
· 	/	liquer share	Externor	west o	vall.	1	Sho	CCO	3,000 SF	بر	300
	2			North	Wall					7	
	3_			East	Well						\prod
	4		Nº	oMeast F	lashing					1	
	5		1	THE WAY	overhung/	4		<u> </u>	1	} _	
	0		Roof	iosth.	/c116	Į,	Roof	Core (folled)	2,600	7)	900
	1			East		.				_	
	6			Noeth		4				4	7
	7		Port 6	vent s	CTP/N.	3	Bo M	astic	508F		
	10		@ A	(Dict s	cras						
	11		t e	gipe (CTP/N. Scams SOVM)		,			4	1
· 	12		Poof e	o South	hwest	4	Paregit	WAU Shinefullo	200SE	N	200
	13		$\sqrt{}$	South	Central	1	J	1			

* Stop First Positive, Greater Than 196, Even if # Just

Nothernous Edit Jale Dollar Sharet 300000 ASSE CO

Ninyo & Moore 475 Goddard, Suite 200

îrvine, CA 92618

Tel: (949) 753-7070

Fasc (949) 763-7071

Project Name :

21723/21725 Figueroa St, Carson

Project No.: •

210172001

Project Manager: Michael Cushner

mcushner@ninyogndmoore.com

Date Sampled: 5/5/17

Sampled By: Pedro Rodriguez

prodriguez@ninyoandmoore.com



001722744

N OF CUST	ODY INFORMATION:		Analy	sis:PLM EP/	A 600/R-93/1	16	TAT: Sta	ndard/Norma	<u> 1</u>	
Redinquished By: (elign/print) / Pedro Rodriguez			Company	Date	Time(24thr.)		Received By: (sign/print)	Laboratory		
			Ninyo & Moore 7/5/17		7	15/5/	7 1:58,		·	
	1	· .					2 111	7		
LabiD	Sample ID	Building Kember	S	emple Location		HA No.	Sample Description	Quantity (SF/LF/EA)	Friable (Y/N)	Conditi
	14	liquor store	<u> 1</u>	@ 50 JL		4	Paraget wall	300	M	900
	15		. @	Duck se	ams -cre	'ស-	Duct Scalant	15 sr	1	
	16				-crr					
w	17	ļ <u>.</u>	4	+ +	-CTP	4	+ 4	4	4	1
	18		Wall @ 4	ystairs /1	just	6	Botton Board (Phy	2,000	N	9000
	191		ceiling @		1					1
	20	<u></u>	L @ <i>i</i>	loonshors s	storc/em			14	7	
	21		Wall @ d	ounshirs t	Lellung			14		
	22	ļ	Wall @ U	pfor/Att	ic/side was	4	1 1	1	4	
	23		interior	Borrow	tactous L-North	7	Winelow Rusty	85 LF	Ν	300
	24		- 1	exham/	wist Window					
	25		+ 1	vorshw	151	4	+ +	14	1	1
	24		Interior S	nuthwest	Attre	. 8	old Proof debris	200 SF	Υ.	10 201

* See Note on pal

Ninyo & Moore 475 Goddard, Suite 200

Irvine, CA 92618

Tel: (949) 753-7070

Fax: (949) 753-7071

Project Name :

21723/21725 Figueroa St, Carson

Project No.:

210172001

Project Manager: Michael Cushner

mcushner@ninyoandmoore.com

Date Sampled: 5/5/17

Sampled By: Pedro Rodriguez

prodriguez@ninvosndmoore.com



001722744

HAIN OF CUST	DOY INFORMATION:	•	Analy:	sis:PLM EP/	4 600/R-93/1	16	TAT: Stand	dard/Norma	 [
100	Relinquished By: (s	ign/print)	Company	Date	Time(24 hr.)		'Received By: (sign/print)				
	/ Pedro Rodriguez			Ninyo & Moore 5/5/2			1				
, , , , , , , , , , , , , , , , , , ,						75/17					
LabiD	Sample !D	Building Number	Sa	mple Location		HA No.	Sample Description	Quantity (\$F/LF/EA)	Friable (Y/N)	Conditio	
•	27	liguor stone	Stone Room	~ / Floo	r Shuest	9	1XI UFT + Mastie aver 9x9 UFT + Austic	19005E	N	3000	
	28			Floor	,			130035	1		
·	29				ashier						
	30			by Fri	dye -5	10	Black Cove Book + AND	ZOLF	1		
	31				الناب				1		
	32	1	J	+	~ 4T/2	4	4	4	1		
	33	House	Exterio w	an — ±	!	41	Strees	2,000	N	المحدوا	
	39			-5							
	35		4	N		4	4	4	1	1	
	36		south	end Ro	. F.	12	transde size	(20A (2524)	Ŋ	9000	
	37		Poof	-ctf	2	13	Roof Cone Shinghs	1,002	N	gool	
	38			- N							
	39		+	-W		+	T +	14	4	4	

* Se Note page)

Ninyo & Moore 475 Gottdard, Suite 200

Irvine, CA 92618

Tet: (949) 753-7070

Project Name:

21723/21725 Figueroa St, Carson

mcushner@ninvoandmocre.com

Project No.: 210172001

Sampled By: Pedro Rodriguez Project Manager: Michael Cushner

prodriguez@ninyoandmoore.com

Date Sampled: 5/5/17



001722744

ax (849) 753-7071			rucosineramna	roanumocre, c	<u>:0)fi</u>	<u> </u>	001722744					
CHAIN OF CUSTO	DDY INFORMATION:		Analy	sis:PLM EP	A 600/R-93/1	16	TAT: Stand	dard/Norma	a]	· · · · ·		
	Relinquished By: (s	lgn/print)	Сотрану	Date	Time(24 fr.)		'Received By: (sign/print)	Laboratory				
on	/ Padro Rodrigusz		Ninyo & Moore	5/5/17			5/5/17		·····			
	1						_, / /	İ				
LablD	Sample ID	Building Number	Sample Location			HÁ No.	Sample Description	Quantity (SF/LF/EA)	Friable (Y/N)	Condition		
· · · · · · · · · · · · · · · · · · ·	40	Hores	<u> </u>	- West @ W.8	Stans	14	Roof Mastic	2054	Ŋ	gard		
·	41		Root -	Cons	re							
	42	+	<u> </u>	O Tra	es	1	1 + +	+		1		
	43		ļ .	n Floor		15	Flooring MAtiple layon	25.5	N	Grace		
	ии_	<u> </u>	Garage	. Dehra	Stores	16	Flooring MAtople layors Barrier Paper	Z,000	٧	good		
·	75		brange		-ω <u>St</u> vces				1	1		
	ч.		10	-5 -5	-S	4	1 + +	4	4	1		
	47		K: Loke		<i>;</i>	17	Flooring Methigh Lyons	1505=	~	good		
	48		. 1	-5	:				-			
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	50		Cerling	Phin	-an ZRn	18	Bullon Borner /ow	75.0050	_	1		
	51		West Be	droom	Est Wall	1	/)			-		
	52	T 4	Garan		(South)	1	4 4 A	4	4	4		

* See Note Page

Ninyo & Moore 475 Goddard, Suite 200

Irvine, CA 92613

. Telt (949) 758-7070

Fax: (949) 753-7071

Project Name :

21728/21725 Figueroa St, Carson

Project No.;

210172001

Project Manager: Michael Cushner

mcushrier@ninyoandmoore.com

Date Sampled: 5/5/17

Sampled By: Pedro Rodriguez prodriguez@ninyoandmoore.com



001722744

UN OF CUSTO	XDY INFORMATION:		Analys	sis:PLM EP,	A 600/R-93/1	16	TAT: Standard/Normal				
m	Relinquished By: (st	gr/print)	Company	Date	Time(24 hr.)		'Received By: (sign/print)			Laboratory	
(M)	Pedro Rodrigu	*	Ninyo & Moore	5/5/17							
/							- 11				
LabiD	Sample ID	Building Number	Sa	mple Location	i ;	HA No.	Sample Description	Quantity (SF/LF/EA)	Friable (Y/N)	Conditio	
	53	House	Attic/H	allon Ce	luz.	18	Bellow Board	2,500	N.	8000	
	59		Attic/t	Ruen	Wall	10	1 1	II	1	1	
	55	STORAGE	1 - 4/	#E	1.	17	Roof Conce	37555	ν J	good	
	54	STORAGE	ď	CTR	_	<u> </u>			1		
	57		4 -	8 W		1		11	4	1	
	58		Exerior	ع ـ المس	pulh.	20	Stucio + Bampio	1,500	N	good	
	51	_			Fast				Ì		
	60	4		¥	Vorth	V	4 4	4	1	7	
	<u> </u>									 ' 	
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				•							
									-		
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* See Node Jage !

LEAD



Report for:

Mr. Mike Cushner Ninyo & Moore - Irvine 475 Goddard Suite 200 Irvine, CA 92618

Regarding: Project: 210172001; 21723/21725 Figueroa St., Carson

EMĹ ID: 1722726

Approved by:

Dates of Analysis: Lead Analysis (sub-contracted): 05-10-2017

Technical Manager Danny Li

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.



2033 Heritage Park Dr, Oklahoma City, OK 73120

N/A

Environmental Chemistry Analysis Report

QuanTEM Set ID: 279801 Client: EMLab P&K - West

1501 Knudsen Dr. **Date Received:** 05/09/17 Phoenix, AZ 85027

Received By: Peyton Awbrey

Date Sampled:

B762 Time Sampled: Acct. No.:

Analyst: CR Project: 1722726 **Date of Report:** 05/10/17 Location:

Project No.: N/A AIHA ID: 101352

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	LBP-1	Paint	Lead	3,370	50	ppm	05/10/17 11:25	P EPA 7000B (1)
002	LBP-2	Paint	Lead	242	48.9	ppm	05/10/17 11:25	P EPA 7000B (1)
003	LBP-3	Paint	Lead	6,270	49.6	ppm	05/10/17 11:25	P EPA 7000B (1)
004	LBP-4	Paint	Lead	219	71.4	ppm	05/10/17 11:25	P EPA 7000B (1)
005	LBP-5	Paint	Lead	220	49.5	ppm	05/10/17 11:25	P EPA 7000B (1)
006	LBP-6	Paint	Lead	6,120	64.9	ppm	05/10/17 11:25	P EPA 7000B (1)
007	LBP-7	Paint	Lead	1,400	254	ppm	05/10/17 11:25	P EPA 7000B (1)
008	LBP-8	Paint	Lead	148	76.1	ppm	05/10/17 11:25	P EPA 7000B (1)
009	LBP-9	Paint	Lead	123	73.2	ppm	05/10/17 11:25	P EPA 7000B (1)
010	LBP-10	Paint	Lead	3,420	49.5	ppm	05/10/17 14:15	P EPA 7000B (1)
011	LBP-11	Paint	Lead	9,760	49.4	ppm	05/10/17 14:15	P EPA 7000B (1)
012	LBP-12	Paint	Lead	8,900	50	ppm	05/10/17 14:15	P EPA 7000B (1)
013	LBP-13	Paint	Lead	6,500	48.8	ppm	05/10/17 14:15	P EPA 7000B (1)
014	LBP-14	Paint	Lead	<93.3	93.3	ppm	05/10/17 14:15	P EPA 7000B (1)
015	LBP-15	Paint	Lead	340	50	ppm	05/10/17 14:15	P EPA 7000B (1)
016	LBP-16	Bulk	Lead	140	49.4	mg/kg	05/09/17 15:13	B EPA 7000B (1)
017	LBP-17	Paint	Lead	245	49.1	ppm	05/10/17 14:15	P EPA 7000B (1)

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. QuanTEM is not responsible for user-supplied data used in calculations.

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified



Environmental Chemistry Analysis Report

QuanTEM Set ID: 279

279801 05/09/17

Date Received:

5

Received By:

Peyton Awbrey

Date Sampled:

Time Sampled:
Analyst:

Data of Danauts

CR

Date of Report: 05/10/17

AIHA ID: 101352

Client: EMLab P&K - West

1501 Knudsen Dr.

Phoenix, AZ 85027

Acct. No.:

B762

Project:

1722726

Location: N/A

Project No.: N/A

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
018	LBP-18	Paint	Lead	844	76.9	ppm	05/10/17 14:15	P EPA 7000B (1)
019	LBP-19	Paint	Lead	684	84.2	ppm	05/10/17 14:15	P EPA 7000B (1)
020	LBP-20	Paint	Lead	<105	105	ppm	05/10/17 14:15	P EPA 7000B (1)
021	LBP-21	Paint	Lead	1,560	52.7	ppm	05/10/17 14:15	P EPA 7000B (1)

Authorized Signature:

Cherry Rossen, Technical Manager

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. QuanTEM is not responsible for user-supplied data used in calculations.

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified

Supplemental Report QAQC Results

QA ID: 15245 **Date:** 5/9/2017 **Lab Number:** 279801

Test: Lead Matrix: Bulk Approved By: Cherry Rossen

Date Approved: 5/9/2017

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0
Matrix Blank	0

Standards Data:

Standard	Low Limit	Obtained	High Limit			
CCV	4.5	5.1	5.5			
FCV	4.5	5.1	5.5			
ICV	0.9	1.1	1.1			
RLVS	0.128	0.187	0.192			

Duplicate Data:

Sample Number	Result	Duplicate	% RPD
279774-002	29.424	36.419	21.2

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-B1	0.000	2.460	2.661	108.2	2.829	115.0	6.1

Authorized Signature:_

Cherry Rossen, Technical Manager

Supplemental Report QAQC Results

QA ID: 15250 **Date:** 5/10/2017 **Lab Number:** 279801

Test: Lead Matrix: Paint Approved By: Cherry Rossen

Date Approved: 5/10/2017

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0
Matrix Blank	0

Standards Data:

Standard	Low Limit	Obtained	High Limit			
CCV	4.5	5.1	5.5			
FCV	4.5	5.2	5.5			
ICV	0.9	1.1	1.1			
RLVS	0.08	0.1	0.12			

Duplicate Data:

Recovery Data:

Sample Number	umber Result		Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-P1	0.000	2.046	1.792	87.6	1.852	90.5	3.3

Authorized Signature:_

114

Supplemental Report QAQC Results

QA ID: 15253 **Date:** 5/10/2017 **Lab Number:** 279801

Test:LeadMatrix:PaintApproved By:Cherry RossenDate Approved:5/10/2017

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0
Matrix Blank	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
CCV	4.5	5	5.5
FCV	4.5	4.9	5.5
ICV	0.9	1.1	1.1

Duplicate Data:

Sample Number	Result	Duplicate	% RPD
279801-011	19.766	20.281	2.6

Recovery Data:

Page 3 of 3

Sample Number	•		Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD			
LCS-P2	0.000	2.046	2.239	109.4	2.034	99.4	9.6			
279842-002	0.008	2.000	2.145	106.9						

Authorized Signature:_



LEAD CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

For Lab Use Only

LEGAL DOCUMENT - DI FACE DRINT I FGIRLY

	www.QuanTEM.co	vw.QuanTEM.com LEGAL DOCUMENT - PLEASE PRINT LEGIB		BLY						L		Accept Reject									
Contact Information					Project Information							Report Results (☑ one l									
Company: EMLab P&K Phone: (623) 298-1021 P			Project Name:	17227	26								QuanTEM Web								
Contact	Kirsten Galbraitl	h	Cell Phone:			Project Location:									1	Oth	er Email				
Account #: Additional Email: mhodge@emlabpk.com and snast@emlabpk.com		E-mail: kga	lbraith@er	mlabpk.com	Project ID:																
Samp	oled By: Name:		1		Date:		-		40.												
	RELINQUI	SHED BY	DATE & T	IME		VIA			R	ECEI	VED	BY					DATE & TIME				
	Andrew	Ikeda Cuelle Hole	5/8/2017	8:39	Fed &	X		10	X							6	5/9/17 9:45				
***************************************									,	-						3	'				
			REQUESTE	D SERV	ICES (Ple	ease ☑ the Ap	propr	iate	Boxes)												
							Sample Matrix (see matrix code box)	Analysis		Units		Units (☑ ONE		nits (ONE box		Units (☑ ONE box o		ox or	nly)	9	Sample Matrix Codes
No.	Sample ID	Sample Descript	ion		ume	Volume Area	le M							13	/ cm ²	Α	Soil				
	(10 Characters Max)			LIT	ers)	(Length x Width)	mp			Σ	Wt %	1 / gm	µg /ft²	/ m ₃	9/6	В	Paint Chips				
							See	Pb		PPM	\(\bar{>}\)	Ē	l gu	рч	mg	C	Surface / Dust Wipes				
1	LBP-1						В	√		1						D	Bulk Miscellaneous				
2	LBP-2						В	1		1						E	Air Cassette				
3	LBP-3					¥	В	1		1											
4	LBP-4						В	1		1											
5	LBP-5						В	1		1											
6	LBP-6	-					В	1		1											
7	LBP-7				-		В	1		1							- "				
8	LBP-8		2				В	1		1						TU	RNAROUND TIME				
9	LBP-9					12	В	1		1							Same Day				
10	LBP-10						В	1		1						1	24 - Hour				
11	LBP-11	1				~	В	1		1							3 - Day				
12	LBP-12						В	1		1		ŀ					5 - Day				



30

LEAD CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

Page 2 of <u>2</u>

Fo	or Lab Use (Only
Lab No.	270	1801
	Accept	Reject

Company	EMLab P&K	Project Name: 1722726					Proj	Project Location:										
		REQUEST	ED SERVICES (Please ☑ the Ap	propr	iate Boxe	es)											
					Sample Matrix (see matrix code box)	Analys	sis	Un	Units (☑ ONE box only)			Sample Matrix Codes						
No.	Sample ID	Sample Description	Volume (Liters)	Volume Area (Length x Width)	le Ma			PPM						2	٦٤	/ cm²	Α	Soil
	(10 Characters Max)			(Length X, Wath)	amp e mat				Wt %	I / bm	µg /ft²	µg / m³	/ bm	В	Paint Chips			
								+	3	E	크	<u> </u>	E	C	Surface / Dust Wipes Bulk Miscellaneous			
13	LBP-13				В	V		1			-	-		D	Air Cassette			
14	LBP-14				В	V	ļ	1				-		E	Air Cassette			
15	LBP-15				В	1		1										
16	LBP-16				D	V		1										
17	LBP-17				В	1		\										
18	LBP-18				В	1		1										
19	LBP-19				В	1		1										
20	LBP-20				В	1		1										
21	LBP-21				В	1		1										
22								_		<u> </u>								
23											-							
24	-								ļ				-					
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26										-								
27													_					
28																		
29																		

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

LEAD BASED PAINT BULK SAMPLE DATA SHEET

Ninyo & Moore 475 Goddard #200 Irvine, CA 92618 Tel; (949) 753-7070

Project Name :

21723/21725 Figueroa St, Carson

Project No.: Project Manager: 210172001

Michael Cushner

mcushner@ninvoandmoore.com

Sampled By: Poler Keller

Sampled By:

Date Sampled: \$/5/17

Laboratory:



Fax: (949) 753-7070		<u> </u>	<u> </u>	<u>L</u>			001722726	
CHAIN OF CUSTODY I		neren i Angliki i Sala	Company Date negre		ceived By: (sign/print)			
Re	linquished By: (si)		Company Date Injects	oran a Herri	ceived By: (sign/print)	Laboratory		
Petil	12 1	Peter Kelling	Ninyo&Andero (- 1/5/17 2pm			
	- I	****	· 		, / /	·		
Sample ID	Building Number	Room Number	Sample Location	Building Component	Sample Description (Color # Layers /Substrate)	Surface Area	dițion	
LBP (Louer	Exterior	NW Window	Il izeneoni Li	. Begg/1/Was d	40St F	· · ·- ·	
LBP 7	į _		ω	Wall	Bege/1/Stucco	4500F I		
LBP 3			5ω	Door Franc	Beige/1/ Doctume			
LBP L		Cashier	SE [Wall	Begc///Plaster	45005× F		
LBP 5		2nd Flour Storage	Office :	Ceiling	Brige/1/Plester	3000 SF I		
LBP 6		2nd Flor Storage	Conter Window	istable Frame	Bege/1/Melal	20 LF P		
LBP 7		Exterior	5 NE	Sgn	Black/2/Metal	40SF P		
швр <i>8</i>	Louse	Exiction	E	Fascia	White/1/wood	140 LF P		
LBP 9			NE	Overloss	White/// Wood	#1285F P	<u>.</u> .	
LBP /O			<u> </u>	Wall	Beige / 1 / Stucco	1400SF I	···	
LBP]/			ω	Window Fran	White / I / Wood	304 I	· 	
LBP /2		<u> </u>	NG	Carego Door Frame		30 G F	_	
LBP 13		terms Hall	Certer	Ceiting	White/1/ Plaster		· · · · · · · · · · · · · · · · · · ·	
LBP V_i		Thitchen	£	Wall	Blacker /1/ Plaster	1600 SF I		
LBP 15	_	FrontBedroom	E	Buseboad	11 - 1	130 I		
LBP \6	V	Bathroom	E	Wall Tile	Gran /1/Ceramic	20 I	-	

LEAD BASED PAINT BULK SAMPLE DATA SHEET

Ninyo & Moore		Project Name :	21723/21725	Figueroa St, Carson	Sampled By: 🧍	Peter Kellex	Laboratory:	
475 Goddard #200		Project No.:	210172001			*	[
Irvine, CA 92618		Project Manager:	Michael Cush		Sampled By: 1			III III III III IIII IIII IIII IIII IIII
Tel: (949) 763-7070			mcushner@ni	invoandmoore.com	Date Sampled:	5/5/17		
Fax: (949) 753 -7070		· · · · · · · · · · · · · · · · · · ·	·	···		······································	001722	726
CHAIN OF CUSTODY INF	ORMATION:		100 (2000) (1 1 1 1 1 1 2 1 1 2 1 1 1 1 1 1 1 1 1	1			<u> </u>	· · · · · · · · · · · · · · · · · · ·
Refin	quished By (si	grv(srint)	© impany	Date (imer24 hr.)	Re	ceived By: (sign/print)	Labo	ratory
Peter Kelley	1	1042	Minyp\$Macre			- 15/5/12 Dm	· · · · · · · · · · · · · · · · · · ·	
						1//		
Sample ID	Building Number	Room Number	Sa	ample Location	Building Component	Sample Description (Color # Layers /Substrate)	Estimated Surface Area	Condition
LBP 17	Storage	Exterior	5	:	Wall	Brige/1/Stucco	16005	<u> </u>
LBP 1성	1 3	Ì	Œ		Door Free?	White /1/ Wood	60 LF	P .
LBP (9			S	į.	Fascia	White/// Wood	80LF	P
LBP 20		V	5	} .	Overhara	White/1/Wood	80 S=	\mathcal{P}
LBP 21	· .	Shed	ω	: !	Well	Brown /1/Wood	110 SF	P
LBP				<u> </u>		,		-
LBP .				· ·				
LBP				. [
LBP								·
LBP								
LBP				f				
LBP				· ·				
LBP				.				
LBP								

LBP

LBP

APPENDIX C

FIELD DRAWING OF SAMPLING LOCATIONS

Positive Asbestos & Lead Containing Sample Locations Project Name 21723/21725 Figueroa Project Number 210172 001 *Ninyo* & Moore Calculated By PFK / PRM Date 5/5/17
Checked By Michael Cushner Date 5/15/17 Sheet Liquor Store Storage (27,28,29) Bathroom Cashier Fridge -4 Legend 4x - Lead Contains Sample (29) - Asbestos Containing Sample. <2 a

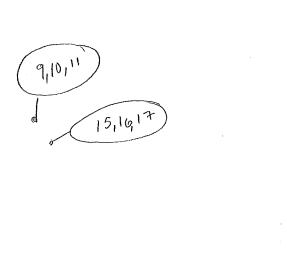
Positive Asbestos & Lead Containing Sample Locations

<i>Ninyo & M</i> oore	Project Name 2/723/21725 Figure Project Number 2/0/72001 Calculated By PFK/PRM Checked By	Date <u>5/5//7</u>
Liquor 5 Office 23,24,25 Storage	Store - 2nd Floor Affic - Inaccessible	Sheet 2 of 6
lex	gend - Lead Containing Sarph - Asbestor Containing Sarph	4 N

Positive Asbestos & Lead Containing Sauph Locations

•	Project Name 21 125/21125	Flaveroa >T
Alimana Alaana	Project Number ZID 172001	V
<i>Ninyo & Moore</i>	Calculated By PRM / PFK	Date 5/5/17
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	1	Share 3 of Co

Liquor Store - Roof



Legend

(17) - Asbistos Containing Sample

X - Lead not Found



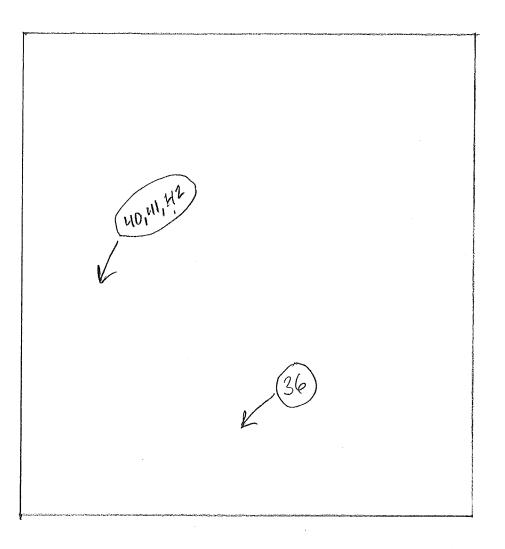
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Positive Asbestos & Lead Containing Sauph Locations Project Name 2 | 723/21725 Figure 6a Project Number 2/0172601 Calculated By PFK/PRM Da *Ninyo* & Moore Date <u>5/5/17</u> Checked By Michael Cushner Date <u>5/15/17</u> Sheet 4 of 6 House - 1, mil K-89 Garage Kitchen X-12 Living Room closet toong Bedroom (53) X-13 Bedroom 15 \widehat{S} Bathroom) 曜[0 Legenel 15x - Lead Containing Sarph - Asbistos Containg Sample

Positive Asbestos & Lead Containing South Cocations

Alimura AAaana	Project Name 2/723/2725 Figu Project Number 2/0172 00 1	1evou ST
<i>Ninyo</i> & Moore	Calculated By PRM/PFM Checked By Michael Cushur Scale N/A	Date \$/5/17 Date \$/16/17 Sheet .S of 6

House - Foot



Legenel

(42) - Askestos Containing Samph * Lead Not found.



Positive Ashestos & Lead Confaining Saugh Locations Project Number 210172 col Calculated By PFK /PR M *Ninyo* « Moore Date 5/5/17 Checked By Michael Cushow Date 5/15/17 Sheet 6 of 6 Garage Storage 21 (-18 55,56,57 19,20 20 x - Lead Containing Sangle 60) - Ashestos Containing Sugla.

APPENDIX D PHOTOGRAPHIC DOCUMENTATION



Photograph 1: View of front of the liquor store.



Photograph 2: View of the asbestos-containing roof mastic.



Photograph 3: View of the asbestos-containing duct sealant.



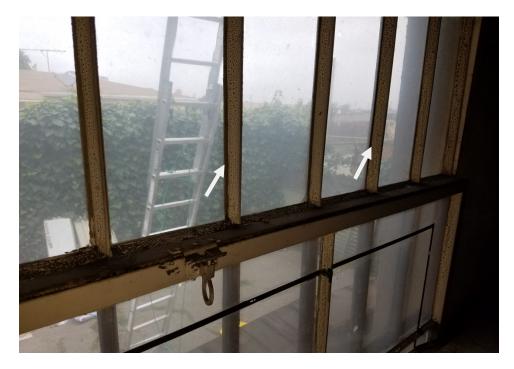
Photograph 4: View of the asbestos-containing window putty.



Photograph 5: View of the asbestos-containing 1' x 1' green floor tile over 9" x 9" dark green floor tile and mastic.



Photograph 6: View of lead-containing beige wood door frame.



Photograph 7: View of the lead-containing beige metal window frame.



Photograph 8: View of the residence.



Photograph 9: View of asbestos-containing transite pipe.



Photograph 10: View of the asbestos-containing roof mastic.



Photograph 11: View of the asbestos-containing button board with plaster.



Photograph 12: View of the lead-containing white wood window frame.



Photograph 13: View of the lead-containing white wood garage door frame.



Photograph 14: View of the lead-containing white plaster ceiling.



Photograph 15: View of the storage building.



Photograph 16: View of the asbestos-containing rolled roofing.



Photograph 17: View of the asbestos-containing stucco.

DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET



DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET

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DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET RFP P17-17

PREFACE: STANDARD SPECIFICATIONS AND STANDARD DRAWINGS

The Standard Specifications for Public Works Construction written and promulgated by the Southern California Chapter of the American Public Works Association and the Southern California Districts of the Associated General Contractors of California shall be the Standard Specifications of the Owner. All work shall conform to the latest edition, including supplements, of the Standard Specifications, these Special Provisions which supplement or modify the Standard Specifications, and the Standard Drawings as issued by the Owner available at the time bids are opened, unless otherwise specified in the Contract Documents.

The above-referenced Standard Specifications, Special Provisions, and Standard Drawings are hereby made a part of the Contract Documents.

For the convenience of the Contractor, the section and subsection numbering system used in these Special Provisions corresponds to that used in the Standard Specifications.

Section 1 Terms, Definitions, Abbreviations and Symbols

Section 1-2 Definitions

Whenever in the Standard Specifications the following terms are used, they shall be understood to mean and refer to the following:

(a)	AUTHORITY	[] The City of Carson, California
		[X] The Carson Housing Authority
		acting individually or collectively as the "Owner"
(b)	BOARD	[] The City of Carson, California
		[X] The Carson Housing Authority
		acting individually or collectively as the "Owner"
(c)	CONTRACT	Documents including but not limited to the proposed forms
	DOCUMENTS	Special Provisions, Technical Provisions, Bonds, Insurance
		Contract, and all Addenda setting forth any modifications of the documents.
		or me wooding.

(d)	ENGINEER	The City Engineer, Development Services Group or his authorized representative.
(e)	BIDDER	An individual, co-partnership, association or corporation submitting a proposal for the work contemplated, acting directly or through a duly authorized representative.
(f)	LEGAL ADDRESS OF CONTRACTOR	The legal address of the Contractor to be the address given on the Contractor's bid and is hereby designated as the place to which all notices, letters or other communications to the Contractor shall be mailed or delivered.
(g)	LABORATORY	An established laboratory approved and authorized by the Engineer and/or Project Manager for testing materials and work involved in the contract.
(h)	PROJECT MANAGER	The Project Manager shall be the staff member assigned by the Executive Director of the Carson Housing Authority.

Section 2. Scope and Control of the Work

Section 2-1 Award and Execution of Contract

Section 2-1.1 Proposal

The following is in addition to the provisions of Section 2-1:

The proposal shall be fully executed and submitted on the forms provided by the Owner and shall be submitted on Planet Bids.

If the proposal is made by an individual it shall be signed and his or her full name and address shall be given; if it is made by a firm it shall be signed with co-partnership name by a general partner thereof, who shall also sign his or her own name, and the name and address of each member of such co-partnership shall be given; if made by a corporation, the name of the corporation shall be signed by its duly authorized officers and attested by the corporate seal.

Bidders are warned against making erasures or alterations of any kind on their Proposal. Proposals which contain omissions, erasures, alterations, conditions or additions not called for may be rejected.

At the time the Contract is awarded by the Owner the Contractor shall be licensed under the provisions of Chapter 9, Division 3 of the Business and Professions Code of the State of California to do the type of work contemplated in the Contract and shall be skilled and regularly engaged in the general class or type of work required by this Contract.

Section 2-1.2 Examination of Plans, Specifications, and Project Site

The following is in addition to the provisions of Section 2-1:

Bidders shall read the specifications, examine the drawings and/or locations list, and make their own estimates of the existing facilities and difficulties which will attend the execution of the work called for by the proposed contract, including local conditions, uncertainty of weather, and all other contingencies. Bidders shall satisfy themselves by personal examination of the locations of the proposed work, and by such other means as they may choose as to actual conditions and requirements and as to the accuracy of the quantities stated in the Proposal forms. Information derived from the maps, plans, specifications, profiles, or drawings, or from the Project Manager or Engineer or their assistants (or the Architects or their assistants), shall not relieve the bidder of this responsibility, and the interpretation of the data disclosed by borings or other preliminary investigations is not guaranteed nor is any liability assumed by the Owner.

Section 2-1.3 Interpretation of Drawings and Documents

The following is in addition to the provisions of Section 2-1:

If a prospective bidder is in doubt as to the true meaning or intent of any part of the Contract Documents including the Specifications, or discovers discrepancies in, or omissions from, the Specifications or Drawings, they may submit to the Project Manager a written request for an interpretation or a correction thereof. Interpretations or corrections of the Contract Documents including the Specifications and Drawings, shall be made only by addendum duly issued by the Engineer or Project Manager, and a copy of such addendum will be posted on Planet Bids.

Section 2-1.4 Award of Contract

The following is in addition to the provisions of Section 2-1:

After the Proposals have been publicly opened and read aloud, they will be checked for accuracy and compliance with all provisions as specified herein.

The Owner reserves the right to reject any or all bids and to waive any informality or irregularity in any bid received and to be the sole judge of the merits of the respective bids received.

Award of the Contract, if it be awarded, will be made by the Owner within 90 days after opening of the bids. Award will be made to the lowest responsible bidder.

In selecting the lowest responsible bidder, consideration will be given to the general competency of the bidder for the performance of the work covered by the proposal. To receive favorable consideration, a bidder may be required to present evidence that he has successfully performed similar work of comparable magnitude or submit other evidence satisfactory to the Owner that he or his associates are personally competent to manage the proposed undertaking and to carry it forward to a successful conclusion. Professional integrity and honesty of purpose shall be essential requirements. A showing of adequate financial resources may be required but will not alone determine whether a bidder is competent to undertake the proposed work.

Only manufacturers or contractors of established reputation, or their duly authorized dealers or agency, having proper facilities for the manufacture of the materials or equipment and for servicing same, or for proper execution of the work called for in the contract, will be considered in making the award.

Section 2-1.5 Execution of Contract

The following is in addition to the provisions of Section 2-1:

A bidder whose proposal is accepted shall properly sign a written contract with the Owner on the form attached hereto and return said contract together with good and approved bonds and insurance certificates as required by the Contract Documents within fifteen (15) calendar days from the date of the mailing of a notice from the Owner to the bidder, according to the address given by them, of acceptance of his proposal. Contract bonds and certificates of insurance, if required, shall be filed in all instances before delivering any equipment, materials, or performing any work under the contract; also before any purchase order shall be issued. An executed Power of Attorney form shall be submitted with all contract bonds herein specified.

If a bidder whose proposal is accepted fails or refuses to enter into a contract as herein provided, or to conform to any stipulated requirement in connection therewith, the money represented by his check or bidder's bond shall be refunded less the difference between the low bid and the bid of the bidder with whom the Owner enters into an agreement in accordance with the provisions of the Public Contracts Code Sec. 20174. At the discretion of the Owner an award may be made to the bidder whose proposal is next most acceptable to the Owner, and such bidder and his surety shall fulfill every stipulation embraced herein as if he were the party to whom the first award was made.

A corporation to which an award is made may be required before the contract is finally signed to furnish evidence of its corporate existence, of its right to do business in California, and of the authority of the officer signing the contract and bonds for the corporation to so sign.

Section 2-1.6 Return of Proposal and Guarantee

The following is in addition to the provisions of Section 2-1:

The check or bond of a bidder to whom the contract has been awarded will be returned to them after all of the acts, for the performance of which said security is required, have been fully performed. The checks or bid bonds of the second and third lowest bidders will be returned when the bidder to whom the contract has been awarded has properly executed all of the required Contract Documents. Checks or bid bonds of other bidders will be returned when their proposals are rejected or in any event at the expiration of ninety (90) days from the date of opening bids.

Section 2-5.2 Precedence of Contract Documents

The following supersedes the provisions of Section 2-5.2: The order of precedence of contract documents shall be:

FIRST Requirements of law, including the Code and Ordinances of

the City of Carson.

SECOND Permits from other agencies as may be required by law.

THIRD Permits from City of Carson Departments as may be

required by law or ordinance.

FOURTH The Contract.

FIFTH The Bid Proposal.

SIXTH Addenda.

SEVENTH Request for Construction Bids.

EIGHTH Instructions to Bidders.

NINTH Technical Provisions.

TENTH Plans.

ELEVENTH Special Provisions of the Standard Specifications.

TWELFTH Standard Plans.

THIRTEENTH Standard Specifications for Public Works Construction

(current edition) as amended.

FOURTEENTH Reference Specifications.

Change orders, supplemental agreements, and approved revisions to Plans and Specifications will take precedence over documents listed above, except those listed as FIRST, SECOND, and THIRD. Detailed plans shall have precedence over general plans.

Section 2-9.1 Permanent Survey Markers

The following replaces the first paragraph of Section 2-9.1:

The Contractor is required to locate and tie out survey monuments in the project area prior to construction involving streets and highway, and to file with the County Surveyor a Corner Record of any such work. Prior to the issuance of a completion certificate, the Contractor is required to file a Corner Record for survey monumentation that is replaced. All such survey work shall be performed under the supervision of a California licensed Land Surveyor or a Civil Engineer authorized to perform such work.

The Contractor shall provide the Owner a copy of the office calculations and documents submitted to the County for filing in connection with the aforementioned work.

The payment for surveying, related professional services, office calculations, furnishing all labor, materials, equipment, tools and incidentals, and for doing all work involved shall be considered as included in the price bid for various bid items, and no additional compensation will be allowed therefore.

Section 2-9.3 Survey Service

The following supersedes the provisions of Section 2-9.3:

Unless otherwise provided in the Technical Provisions, lines and grades for construction shall be the responsibility of the Contractor, with the following provisions:

All work under this contract shall be built in accordance with the lines and grades shown on the plans. Field survey for establishing these, and for the control of construction, shall be the responsibility of the Contractor. All such surveys, including construction staking, shall be under the supervision of a California-licensed Land Surveyor or Civil Engineer. Staking shall be performed on all items ordinarily requiring grade and alignment, at intervals normally accepted by the agencies and trade involved.

The Contractor shall provide a copy of the office calculations and grade sheets to the Owner's Inspector. The Contractor shall be responsible for any error in the finished work, and shall notify the Engineer within 24 hours of any discrepancies or design errors discovered during staking.

Unless a separate bid item is provided, the payment for surveying, construction staking, professional services, office calculations, furnishing all labor, materials, equipment, tools and

incidentals, and for doing all work involved shall be considered as included in the various items of work, and no additional compensation will be allowed.

Section 3. Changes in Work

The following percentage shall apply to provision 3-3.2.3

1.	Labor	20%
2.	Materials	15%
3.	Equipment	15%
4.	Other Items and Expenditures	10%

Section 3-5. Disputed Work

Section 3-5.1 Retention of Imperfect Work

The following is in addition to the provisions of Section 3-5:

If any portion of the work done or materials furnished under the contract proves defective or not in accordance with the specifications and contract drawings, and if the imperfection in the same is not of sufficient magnitude or importance to make the work dangerous or undesirable, or if the removal of such work is impracticable or will create conditions which are dangerous or undesirable in the opinion of the Engineer, the Engineer shall have the right and authority to retain the work instead of requiring it to be removed and reconstructed, but he shall make such deductions therefore in the payment due the Contractor as may be just and reasonable.

Section 4. Control of Material

Section 4-1.3.2 Inspection of Materials Not Locally Produced

First sentence of the Subsection 4-1.3.2 shall be read as follows:

When the Contractor intends to purchase materials, fabricated products, or equipment from sources located more than 50 miles outside the geographical limits of the City, an inspector or accredited testing laboratory, approved by the Engineer or Project Manager, shall be engaged by the Contractor to inspect the materials, equipment or process.

Section 6. Prosecution, Progress and Acceptance of the Work

Section 6-1: Construction Schedule and Commencement of Work

The first sentence of Section 6-1 shall be deleted and replaced with:

The Contractor shall submit within one week after award of the work, its proposed construction schedule to the Project Manager for approval.

The following shall be inserted following the first paragraph of Section 6-1:

The Project Manager shall mail to the contractor three copies of the contract for execution within approximately one week of award. The Contractor shall execute and return the contract together with the appropriate bonds and proof of insurance within fifteen (15) calendar days of receipt of said contract. Unless otherwise provided by the approved construction schedule the engineer shall issue the notice to proceed on the date that the fully executed contracts are received from the Contractor.

Section 6-7.2 Working Day

The following is in addition to the provisions of Section 6-7:

The Contractor's working hours shall be limited to the hours between 7:30 A.M. and 3:30 P.M., working hours in Arterial Streets shall be limited to the hours between 9:00 A.M. and 3:00 P.M., weekdays, excluding recognized holidays. Deviation from normal working hours will not be allowed without prior written consent of the Engineer and/or Project Manager. The Contractor shall provide adequate light for proper prosecution of the work, for the safety of the workers and the public, and for proper inspection.

6-7.4 Relations with Other Contractors.

There will be other construction contracts in progress throughout the City during **DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET**, project under this contract, and the Contractor may have to coordinate construction activities with other contractors and shall attend coordination meetings as may be required by the Engineer and/or Project Manager. The following is the construction contract and owner/contractor with their expected construction schedule.

NO.	OWNER	CONSTRUCTION CONTRACT	CONTRACTOR	ANTICIPATED CONSTRUCTION TIME FRAME
N/A	N/A	N/A	N/A	N/A

Section 6-9 Liquidated Damages:

The following is in addition to the provisions of section 6-9:

The amount of liquidated damages is hereby amended to \$750 for each consecutive calendar day.

Section 6-11 Water Pollution Control:

Water pollution control work shall consist of constructing those facilities which may be shown on the Plans, specified elsewhere in these Special Provisions, required by the Standard Specifications, required by N.P.D.E.S., or ordered by the Engineer. Said work is intended to provide prevention, control and abatement of water pollution to streams, waterways and other bodies of water.

In order to provide effective and continuous control of water pollution, it may be necessary for the Contractor to perform the contract work in small or multiple units on an out-of-phase schedule and with modified construction procedures. The Contractor shall provide temporary pollution control measures including, but not limited to, dikes, basins, ditches and the application of straw and seed which become necessary as a result of its operations. The Contractor shall coordinate water pollution control work with all other work done on the contract.

Before starting any work on the project, the Contractor shall submit to the Engineer for acceptance a program for effective control of water pollution. Such program shall show the schedule for the erosion control work included in the contract and for all water pollution control measures which the Contractor proposes to take in connection with construction of the project to minimize the effect of its operations upon adjacent streams and other bodies of water. The Contractor shall not perform any clearing and grubbing or earthwork on the project, other than that specifically authorized in writing by the Engineer, until such program has been accepted. The Contractor shall revise and bring up to date said water pollution control program at any time the Engineer makes written request for such revision.

The Engineer will notify the Contractor of the acceptance or rejection of any submitted or revised water pollution control program in not more than five (5) days.

The Owner shall not be liable to the Contractor for failure to accept all or any portion of an originally submitted or revised water pollution control program, nor for any delays to the work due to the Contractor's failure to submit an acceptable water pollution control program.

The Contractor may request that the Engineer and/or Project Manager waive the requirement for submission of a written program for control of water pollution when the nature of the Contractor's operation is such that erosion is not likely to occur. Waiver of this requirement will not relieve the Contractor from responsibility for compliance with the other provisions of this section. Waiver of the requirement for a written program for control of water pollution will not preclude submittal of a written program at a later time if the Engineer deems it necessary because of the effect of the Contractor's operations.

Where erosion control damage will cause water pollution, which is probably due to the nature of the material, or the season of the year, the Contractor's operations shall be so scheduled that

permanent erosion control features will be installed concurrently with or immediately following grading operations.

Compliance with the requirements of this Section shall in no way relieve the Contractor from their responsibility to comply with the other provisions of the Contract, in particular, his responsibility for damage and for preservation of property.

All water pollution control work performed in accordance with the accepted program which is not otherwise required under the contract and which is ordered by the Engineer will be paid for as follows:

- (1) Such water pollution control work which may be accomplished under the various contract items of work will be measured and paid for as provided for in these Special Provisions for the said items of work.
- (2) Such water pollution control work not covered by contract items will be paid for as extra work as provided for in Section 3-3 "Extra Work" of the Standard Specifications.

Except as otherwise provided in the Standard Specifications or elsewhere in these Special Provisions, full compensation for conforming to the requirements in this section shall be considered as included in the prices paid for the various contract items of work and no additional compensation will be allowed therefore.

Section 7. Responsibilities of the Contractor

Section 7-1 Contractor's Equipment and Facilities

Section 7-1.1 Contractor's Responsibility For Work

The following is in addition to the provisions of Section 7-1:

Until the formal acceptance of the work by the Owner, the Contractor shall have the charge and care thereof and shall, subject to the insurance protection furnished in accordance with 7-3 hereof, bear the risk of accident, loss or damage to any part thereof by action of the elements or from any other cause, whether arising from the execution or from the non-execution of the work. The Contractor shall rebuild, repair, restore and otherwise correct damages to any portion of the work occasioned by any of the above causes before its acceptance.

In case of suspension of work from any cause whatever, the Contractor shall be responsible for all materials and the proper temporary storage thereof.

Section 7-1.2 Notice and Service Thereof

Any notice required or given by one party to the other under the Contract shall be in writing and shall be dated and signed by the party giving such notice or by a duly authorized representative of such party. Any such notice shall not be effective for any purpose whatever unless served in the following manner:

Notice shall be given to the Owner by personal delivery thereof to the Owner's Project Manager or by depositing the same in the United States mail enclosed in a sealed envelope, registered and with postage prepaid, addressed to:

c/o Project Manager Carson Housing Authority City of Carson 701 East Carson Street Carson, CA 90745

Notice shall be given to the Contractor by personal delivery thereof to said Contractor or to their authorized representative at the site of the project, or by depositing the same in the United States Mail, enclosed in a sealed envelope addressed to said Contractor at the address established for the conduct of the work under this Contract, postage prepaid and registered.

Notice shall be given to the Surety, or any other person, by personal delivery to said Surety or other person, or by depositing the same in the United States Mail, enclosed in a sealed envelope addressed to such Surety or persons at the address of said Surety or persons last communicated to the party giving the notice, postage prepaid and registered.

Section 7-1.3 Warranty of Title

No materials, supplies or equipment for the work under this Contract shall be purchased subject to any chattel mortgage or under a conditional sale contract or other agreement by which an interest therein or any part thereof is retained by the seller or supplier. The Contractor warrants clear and good title to all materials, supplies and equipment installed and incorporated in the work, and agrees upon completion of all work to deliver the premises, together with all improvements and appurtenances constructed or placed thereon by him, to the Owner free from any claims, liens, encumbrances or charges, and further agrees that neither they nor any person, firm, or corporation furnishing any material or labor for work covered by the Contract shall have any right to a lien upon the premises or any improvement or appurtenance thereon; provided, that this shall not preclude the Contractor from installing metering devices or other equipment of utility companies the title of which is commonly retained by the utility company. Nothing contained in this section, however, shall defeat or impair the right of such persons furnishing materials or labor under any bond given by the Contractor for their protection, or any right under any law permitting such persons to look to funds due the Contractor, which are in the hands of the Owner. The provisions of this section shall be inserted in all subcontractor's and material

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contracts, and notice of its provisions shall be given to all persons furnishing materials for the work when no formal contract is entered into regarding such materials.

Section 7-2 Labor

Section 7-2.2 Laws

The following is in addition to the provisions of Section 7-2.2

Each bidder must submit with the Bid Proposal a fully executed Certificate of Non-Discrimination by Contractors. Bids will not be considered unless accompanied by the completed Certificate.

After the opening of bids and the determination of the low bidder, said low bidder shall submit to the Project Manager, not later than 5:00 P.M. on the third working day following the bid opening, a completed "Fair Employment Practices Contractor Compliance Report."

The Contractor shall comply with all applicable provisions of Sections 1776, 1777.5 and 1777.7 of the California Labor Code. The Contractor shall be responsible for compliance with Section 1776 and shall insert a provision in all subcontracts requiring subcontractors to comply with said section.

Section 7-3 Liability Insurance

The following supersedes the provisions of Section 7-3:

The Contractor shall, at his expense, maintain in effect at all times during the performance of work under the Contract not less than the following coverage and limits of insurance, which shall be maintained with insurers licensed to sell insurance in the State of California and having a "B+" or higher rating in the latest edition of Best's Insurance Guide, and shall be subject to approval by the City's Risk Manager:

Workers' Compensation and Employer's Liability

- Workers' Compensation coverage as required by law
- Employer's Liability limits of at least \$100,000.00 per occurrence

Comprehensive General Liability

• Combined Single Limit - \$1,000,000.00

Automobile Liability

• Combined Single Limit - \$2,000,000.00

The automobile and general comprehensive liability policies may be combined in a single policy with a combined single limit of \$1,000,000.00.

All of the Contractor's policies shall contain an endorsement providing written notice shall be given to the Owner at least 30 calendar days prior to termination, cancellation, or reduction of coverage in the policy.

The Bodily Injury and Property Damage Liability policies shall contain the following:

- 1. An endorsement extending coverage to the Owner as an insured, in the same manner as the named insured as respects liabilities arising out of the performance of any work under the Contract. Such insurance shall be primary insurance as respects the interest of the Owner, and any other insurance maintained by the Owner shall be excess and not contributing insurance with the insurance required hereunder.
- 2. "Severability of Interest" clause.
- 3. Elimination of any exclusion regarding loss or damage to property caused by explosion or resulting from collapse of buildings or structures or damage to property underground, commonly referred to by insurers as the "XCU" hazards.
- 4. Provision or endorsement stating that such insurance, subject to all of its other terms and conditions, applies to the liability assumed by the Contractor under the Contract.

Promptly on execution of the Contract and prior to commencement of any work the Contractor shall deliver to the Owner copies of all required policies and endorsements thereto on the forms supplied by the Owner.

The Contractor shall require and verify similar insurance on the part of its Subcontractors.

The foregoing requirements as to the types, limits and Owner approval of insurance coverage to be maintained by the Contractor are not intended to and shall not in any manner limit or qualify the liabilities and obligations assumed by the Contractor under the Contract.

Any policy or policies of insurance that the Contractor or their Subcontractors elect to carry as insurance against loss or damage to their construction equipment and tools or other personal property used in fulfillment of this contract shall include a provision waiving the insurer's right of subrogation against the Owner.

The cost of all insurance shall be included in the contractor's bid.

Section 7-5 Permits

The following is in addition to the provisions of Section 7-5:

The Contractor and each subcontractor employed upon the work must have or obtain a valid City of Carson Business License in accordance with the provisions of the Carson Municipal Code.

Section 7-6 The Contractor's Representative

The following is in addition to the provisions of Section 7-6:

The Contractor shall furnish the Project Manager with the name, address and business and home telephone numbers of the person responsible for the maintenance of barricades, traffic control signs, lights and other safety devices.

Section 7-10 Public Convenience and Safety

Section 7-10.1 Traffic and Access

The following is in addition to the provisions of Section 7-10.1:

The Contractor shall provide temporary "No Parking" and all other signs which are necessary for the safe and orderly conduct of vehicular traffic as directed by the Engineer and/or Project Manager and as specified herein. They shall also provide a barricaded area in the parking lane for pedestrian traffic during such time as the parkway is unfit to be used for pedestrian traffic.

At such times as driveways are inaccessible due to the Contractor's work they shall be blocked by two Class II barricades or one Class II barricade and two delineators. Driveways that are ramped or planked for temporary access shall be provided with a barricade or delineator at each side. The Contractor shall give 24-hour notice to affected property owners prior to blocking any driveway.

The Contractor shall provide access for refuse collection on the regularly scheduled days. They shall also facilitate or assist in the collection where such work is hampered by his operations.

Section 7-10.3 Street Closures, Detours, Barricades

The following is in addition to Section 7-10.3:

The Contractor shall not close any street within the City of Carson without first obtaining the approval of the Engineer. Barricading, traffic control and detour diagrams in connection with street closures shall be submitted by the Contractor as required by the Engineer.

The Contractor shall provide and install barricades, delineators, warning devices and construction signs in accordance with the Work Area Traffic Control Handbook (WATCH) prepared by the Southern California Chapter of the American Public Works Association. During adverse weather or unusual traffic or working conditions additional traffic devices shall be placed as directed by the Engineer. All traffic signs and devices shall conform to the current State of California, Department of Transportation, "Manual of Warning Signs, Lights, and Devices for Use in Performance of Work upon Highways", unless otherwise approved by the Engineer.

The Contractor shall provide and maintain Class II barricades along excavation edges parallel to the flow of traffic at a spacing of twenty-five (25) feet. Class II barricades mounted with flashers shall be installed around work areas in parkways. Class II barricades shall have alternating black and <u>reflective</u> white (or yellow) stripes at an angle of 45 degrees. The stripe width shall be four to six inches.

During paving operations barricades may be supplemented with minimum size eighteen-inch (18") high traffic cones and delineators such that spacing between barricades and/or cones or delineators is no greater than twenty feet. At all access points such as intersecting streets, alleys and driveways, barricades and/or cones shall be provided at five foot intervals so as to prevent vehicular access to the paving area. Where access from an intersecting street is prohibited, a "Road Closed" sign shall be provided at the nearest prior intersection. "No Left Turn" signs shall be provided wherever required by the Engineer.

When one-way access from a side street or alley is permitted, barricades and cones shall be provided at five-foot intervals for a distance of fifty feet on either side of the centerline of the intersecting street or alley.

Should the Contractor fail to furnish a sufficient number of traffic and/or pedestrian safety devices, the Owner will place such necessary items and the Contractor shall be liable to the Owner for providing such devices in accordance with the following provisions:

1. For placing of barricades - \$5.00 per barricade for the first day or any part thereof and \$3.00 per barricade per day for each day thereafter or any part thereof.

For flashers - \$3.00 per flasher for the first day or any part thereof and \$1.00 per flasher per day for each day thereafter or any part thereof.

For traffic cones - \$3.00 per cone for each day or any part thereof.

2. In the event that the services of the Owner or the City are required between the hours of 3:30 P.M. and 7:30 A.M., during the normal week or at any time on Saturday, Sunday, or a City holiday, there shall be an additional charge to the above set forth minimums of \$125.00 for each service trip required.

Contractor shall relocate, preserve and maintain the visibility of all existing signs within the project limits which affect the flow of traffic, as directed by the Engineer. Any signs which are damaged or found to be missing during the course of construction shall be replaced by the Contractor at his expense as directed by the Engineer. All other signs that interfere with the course of work and are not necessary for the safe flow of traffic will be removed and replaced by the Owner. Traffic control signs include Stop Signs, Speed Limit, Parking Restrictions and other regulatory signs.

Section 7-10.4.4 Edison Energized Conductors

The following is in addition to the provisions of Section 7-10.4:

Contractor hereby promises and agrees that in the performance of the work specified in this Contract, it will employ and utilize only qualified persons, as hereinafter defined, to work in proximity to Edison's secondary, primary and transmission facilities. The term "qualified person" is defined in Title 8, California Administrative Code, Section 2700, as follows: "Qualified Person - A person who by reason of experience or instruction is familiar with the operation to be performed and the hazards involved."

Contractor further promises and agrees that the provisions of this section shall be and are binding upon any subcontractor or subcontractors that may be retained by it, and that Contractor shall take such steps as are necessary to assure compliance by said subcontractor or subcontractors with the requirements of this section.

Section 7-10.4.5 Emergency Provisions

The following is in addition to the provisions of Section 7-10.4:

Unusual conditions may arise on the work which will require that immediate and unusual provision be made to protect the public from danger or loss or damage to life and property, due directly or indirectly to the prosecution of the work, and it is part of the service required of the Contractor to make such provisions and to furnish such protection.

Whenever, in the opinion of the Owner, an emergency exists of which the Owner is aware and against which the Contractor has not taken sufficient precaution for the safety of the public or the protection of utilities or of adjacent structures or property which may be injured by the progress of construction; and whenever, in the opinion of the Owner, immediate action shall be considered necessary in order to protect public or private personnel or property interests, or prevent likely

loss of human life or damage on account of the operations under the Contract, then in that event the Owner may provide suitable protection to said interests by causing such work to be done and material to be furnished, as in the opinion of the Owner may seem reasonable and necessary, all at the expense of the Contractor.

Section 8-1.1 Construction Yard

The contractor shall be responsible to locate any storage sites for materials and equipment needed and such sites must be approved in advance by the City. When storage sites are located in private properties, the Contractor shall be required to submit to the City written approval from the recorded owner authorizing the use of their property by the Contractor.

Section 9. Measurement and Payment

Section 9-3.2 Partial and Final Payment

Section 9-3.2 is hereby deleted and replaced with:

The closure date for periodic progress payments will be the twenty-fifth day of each month. Authorization to pay is commonly received on the tenth day of the following month. However, payments will be withheld pending receipt of any outstanding reports required by the Contract Documents.

Section 9-3.5 Work Performed Without Direct Payment

The following is in addition to the provisions of Section 9-3:

Tools and materials of any class for which no price is fixed in the proposal, it shall be understood that such work, equipment, labor, tools and materials shall be provided without extra charge, allowance, or direct payment of any kind. The cost of performing such work or furnishing such equipment, labor, tools and materials shall be included in the unit bid prices in the proposal and no additional compensation will be paid therefore.

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A. GENERAL NATURE OF WORK

The work to be performed under this contract consists of, but is not necessarily limited, to the following items as specified in these Technical Provisions: furnish all labor, material, equipment, services, and incidentals required for the demolition and disposal of all above ground improvements, structures. Demolish and remove all on-site telephone and electrical poles and lines. Also, backfill and compaction of any cavity created due to removal of above ground structures. Included is the appropriate termination and capping (as required) of all utilities, abatement and disposal of asbestos and Lead Based Paints (LBP).

Description of Work: The work to be performed under this contract for the Demolition Project at 21723-21725 Figueroa Street. Work includes furnishing all labor, material, equipment, services, and incidentals required for the demolition of all above ground structres at the site located at 21723-21725 Figueroa Street.

All work is shown/described in the specifications on DEMOLITION PROJECT AT 21723-21725 FIGUEROA STREET City of Carson Standard Plans and Specifications.

B. TECHNICAL SPECIFICATIONS

For convenience and cross-reference ease, the section and subsection numbering system used in these Technical Provisions corresponds to that used in the Standard Specifications.

Section 2-9.1 Permanent Survey Markers

Add the following to the provisions of Section 2-9.1 "Permanent Survey Markers"

The Contractor shall be responsible for protecting all existing horizontal and vertical survey controls, monuments, ties, and bench marks located within the project limits. If any of the above requires removal, relocating, or resetting, the Contractor shall, prior to any construction work and under the supervision of a California-licensed Land Surveyor or Civil Engineer, establish sufficient temporary ties and bench marks to enable the points to be reset after completion of construction.

Any ties, monuments, or bench marks disturbed during construction shall be reset per Los Angeles County standards after construction and the tie notes submitted to the County on 8 ½" x 11" loose leaf paper, after it is signed and recorded at the County Surveyor's Office. The Contractor and its sureties shall be liable for, at their expense, any resurvey required due to Contractor's negligence in protecting existing ties, monuments, bench marks, or any such horizontal and vertical controls.

Section 5-4 Relocation

Add the following to the provisions of Section 5-4, "Relocation":

The owner does not necessarily mark water services. The Contractor shall assume that a water service exists at each water meter box and the service connection lies at any depth within 36" of either side of the water meter box measured parallel to the curb face.

The Contractor shall procure a plumber and pay all fees to repair or replace water services damaged by his operation when his operation is within 36" of either side of a water meter box measured parallel to the curb face.

The Contractor shall procure a plumber and shall be reimbursed for the costs to relocate or repair interfering water services located outside 36" of either side of a water meter box measured parallel to the curb face.

If water service is interrupted, a Contractor's English speaking representative shall remain on the job until water service is resumed. The Contractor shall provide 2.5 gallons of a brand name bottled drinking water to any resident whose water service has been interrupted, immediately upon inspector's request. Water service shall not remain interrupted for more than three hours.

Section 6-1 Construction Schedule and Commencement of Work

Add the following to the provisions of Section 6-1, "Construction Schedule and Commencement of Work":

The Contractor shall notify the Project Manager two working days (48-hours) in advance of the start of demolition.

In the event work is allowed by the Engineer of the City of Carson outside of the normal working hours, at the request of and for the benefit of the Contractor, inspection service fees will be levied against the Contractor at a rate of \$125.00 per hour, plus travel time where applicable.

The above charge may also be levied if non-routine inspection services are deemed necessary by the Engineer of the City of Carson.

If the Engineer of the City of Carson allows night work, the Contractor shall provide adequate light for proper prosecution of the work, for the safety of the workmen and public, and for proper inspection

Section 6-7.1 Time of Completion

Add the following to the provisions of Section 6-7.1, "Time Of Completion":

The Contract time of completion shall be **20 working days** from the date of issuance of "Notice to Proceed" as specified in the Bidding Schedule.

Section 6-7.2 Working Day

Add the following to the provisions of Section 6-7.2, "Working Day":

In the event work is allowed by the Engineer outside of the normal working hours (as stated in the Special Provisions Section 6-7.2), at the request of and for the benefit of the Contractor, inspection service fees may be levied against the Contractor at a rate of \$125.00 per hour, including travel time where applicable.

The above charge may also be levied if the Engineer deems non-routine inspection services necessary.

Section 7-5 Permits and Licenses

Add the following to the provisions of Section 7-5, "Permits":

The Contractor shall procure all permits and licenses, including a license to do business in the City of Carson within five (5) days, pay all fees and give all notices necessary and incidental to the due and lawful prosecution of the work, with exception that the fees for the City's construction permit which is waived for this contract.

Section 8-1.1 Construction Yard

Add the following to the provisions of Section 8 "Facilities"

The contractor shall be responsible to locate any storage sites for materials and equipment needed and such sites must be approved in advance by the City and the Housing Authority. When storage sites are located in private properties, the Contractor shall be required to submit to the City written approval from the recorded owner authorizing the use of their property by the Contractor.

Section 7-1.2 Notices and Services Thereof

Notification Address: Amelia Soto

City of Carson Housing Authority

701 E. Carson Street Carson, CA 90745

C. COORDINATION WITH OTHER AGENCIES

The Contractor shall notify the Project Manager, Sheriff's Department, Fire Department, Refuse collection Services, MTA (RTD), Torrance Transit, and Carson Circuit of any street closures two working days prior to the start of the work.

Agencies

Carson Housing Authority	(310) 952-1768
Carson Sheriff's Station	(310) 830-1123
Carson Fire Station	(310) 638-6121

Western Waste	(310) 327-2522
Carson Circuit	(310) 835-5859
Waste Management	(310) 328-0900
EDCO Waste Services	(310) 540-2977
MTA (RTD)	(213) 972-4644
Torrance Transit	(310) 618-6266 / 781-6920
Carson Circuit	(310) 835-0212 ext.1781
California Water Service Company	(310) 257-1479
Golden State Water Company	(310) 660-0320
Southern California Gas Company	(310) 687-2032
Southern California Edison Co. (SCE)	(310) 608-5001

Affected Utilities

The Contractor shall notify all affected public utilities two working days in advance of any excavation in the vicinity of their facilities.

If the Contractor finds evidence of utilities not shown on the Plans, he/she shall notify the Owner immediately.

Compensation for notifications to and coordination with other agencies shall be included in the various bid prices in the Proposal and no additional compensation shall be allowed therefore.

D. TRAFFIC CONTROL AND SAFETY:

The Contract requires this to be accomplished in accordance with the provisions of Section 7-10, "Public Convenience and Safety", of the Standard Specifications for Public Works Construction, latest edition, and the special provisions, (page SP-12) except as modified and supplemented below:

<u>Parking Restrictions</u> - Parking within the area of improvement may be restricted during construction operations. Temporary "No Parking" signs shall be provided and posted by the Contractor two working days in advance of construction. The "No Parking" signs shall clearly state the date and hours during which the restriction is effective. Permission and requirements shall be obtained from the Engineer for any "No Parking" signs to be posted on existing trees, utility poles, and traffic signs.

Notification to Businesses and Residences - the Contractor, in writing, of his proposed operation, shall duly notify all adjacent businesses and residences. Notice shall be delivered at least two working days prior to start of construction. Upon written notification by the Contractor at least five days prior to the date needed for "Notice Circulation", the owner will prepare a letter for this purpose. The Contractor shall be responsible for reproduction and distribution of the letters. Renotifications will be required if the Contractor's schedule is altered.

<u>Drive Approaches</u> – Drive approaches/access to all driveways in the area of construction shall remain open and accessible during non-working hours. The contractor shall keep open all

driveways except for short periods of time as outlined in Section 7-10 of the Standard Specifications for Public Works Construction.

<u>Observation of Job Site</u> - The Contractor shall assign a person to drive and observe the job site at least once a day during weekend and holidays to ensure that the safety of the public, both motorist and pedestrian, is maintained. The name and telephone number of the person assigned shall be supplied to the Project Manager prior to start of any work.

Full compensation for conforming to the requirement of this provision shall be considered as included in the contract price paid for the various items of work and no additional compensation will be allowed.

E. DEFINITION OF BID ITEMS

The lump sum and unit prices to be paid for the items listed in the Proposal and as defined herein shall be considered full compensation for furnishing all labor, materials, tools, and equipment, and doing all work involved in furnishing and installing the materials complete and in place, in accordance with the details shown on the Plans, as specified herein, and as directed by the Project Manager.

All incidental work which is neither shown on the Plans nor otherwise specified, and which is necessary to complete the construction of improvements as shown on the Plans and as specified herein, shall be furnished and installed as though such work were shown on the Plans or specified, and no additional compensation will be allowed therefore.

Existing improvements in areas adjoining the property wherein demolition and removal is being performed shall be protected from injury or damage resulting from operations of the Contractor and the Contractor shall be responsible for such damage. In a like manner any building, structure, grass, tree, shrub, irrigation system or other item on the property where demolition and removal is being performed and which is not part of said demolition shall be similarly protected and preserved or replaced in kind by and at the Contractor's expense.

Where trees are to remain in the vicinity of the improvements whether on private or public property, the contractor shall prune roots carefully to avoid unnecessary damage to the tree. The contractor shall contact the City's Tree Maintenance Supervisor prior to any root pruning for confirmation of the size and extent of roots and possible damage. In some cases it may be necessary to trim the tree prior to root pruning. The cost of root pruning shall be included in the unit price bid for the improvements.

Excavated material shall be disposed of in a manner that adheres to all applicable federal, state, and local laws and ordinances and shall be the sole responsibility of the Contractor. Full compensation for this work shall be consider ed as included in the contract price paid for the corresponding items of work and no additional or separate compensation will be allowed therefor.

At the close of each working day, there shall be no debris left at the job site. Any debris left at the job site shall be enclosed in such a manner as to prevent access by properties other than the Contractor or it will be removed by the City at the expense of the Contractor.

Any improvements damaged as a result of the Contractor's operations shall be replaced at Contractor's expense. Replacement of such improvements shall be at least equal to existing improvements.

The scope of work shall include each item of work in the Proposal as described in the Standard Specifications and supplemented as follows:

BID ITEM NO. 1: OBTAIN ALL NECESSARY BUILDING DEPARTMENT PERMITS AND DEMOLITON NOTIFICATION TO AQMD, IF APPLICABLE.

The contractor shall submit required notification and receive approvals from the South Coast Air Quality Management District (SCAQMD) for the proposed demolition of the properties, and obtain building department permits and inspections for the demolition and clearance of each property. The Contractor shall notify Underground Alert of the proposed demolition and ascertain the location of any underground utilities in the areas of proposed activities. The City of Carson Public Works Department shall be notified of the street termination of water and sewer services, and appropriate permits obtained. The termination of the sewer and water service lines shall be governed by the requirements of the City of Carson Public Works Department. As a prerequisite to obtaining permits, the Contractor shall obtain a City of Carson business license and submit verification of SCAQMD approvals. The Contractor is responsible for the payment of all licenses and fees. All demolition activities must be performed by a State of California Licensed C-21 Demolition Contractor.

BID ITEM NO. 2 CUT AND CAP ALL UTILITIES AT THE PROPERTY LINE AND COORDINATE DISCONTINUANCE OF SERVICE WITH UTILITY COMPANIES.

This item consists of locating the water and sewer and gas street main connections specific to the buildings being demolished, properly terminating and removing the lateral connections and meters per City of Carson Public Works and Utility Company requirements. Additionally, all electrical service, any remaining telephone service, and other utility or cable connections shall be terminated to the targeted buildings by removal of the service drop, and removal/demolition of any on-site overhead lines.

BID ITEM NO. 3: MAKE ASBESTOS AND LBP NOTIFICATION TO AQMD.

The contractor shall make appropriate notification to the South Coast Air Quality Management District (AQMD) of the intent to demolish for all affected properties. Notification shall be performed ten (10) days prior to the performance of any demolition activities, and in full conformance with regulation XIV, Rule 1403 of the AQMD.

BID ITEM NO. 4: PROPERLY ABATE AND DISPOSE OF ABESTOS.

Prior to initiation of demolition activities, the Contractor shall remove and properly dispose of all identified asbestos containing materials as identified in the "ASBESTOS AND LEAD SURVEY 21723-21725 FIGUEROA STREET, CARSON, CALIFORNIA 90745" dated May 24, 2017 prepared by Ninyo & Moore of Irvine, CA. Material removal, handling, storage, transport, and

disposal, and notifications shall comply with all applicable Federal, State, and Local regulations, guidelines, requirements, protocols, and law for asbestos containing materials. To the extent feasible, all truck loading and unloading operations shall be performed on site.

Abatement shall be performed only by a State of California licensed, registered, and certified asbestos abatement contractor and personnel. Notification and chain of custody documentation shall be provided to the City of Carson and the Carson Housing Authority upon completion of removal and disposal operations. The Project Manager shall be notified five (5) days prior to initiation of abatement activities; notification and documentation to the Project Manager can be sent to 701 E. Carson Street, Carson, CA 90745. In addition, the contractor shall cooperate with and notify the City's designated certified asbestos consultant of scheduled removal dates, and provide said consultant with requested asbestos related documentation, if requested by the Housing Authority.

In the event that any additional materials are discovered during the course of the removal or demolition activities, the contractor shall immediately notify the Project Manager, prior to the disturbance or removal of the suspect materials.

The contractor shall notify all persons entering the sites of the existence and locations of asbestos containing materials.

Provide to the Project Manager all manifests, and other documentation that may have been obtained for removal from the site of any and all potentially hazardous materials. Documentation can be sent to Amelia Soto, Carson Housing Authority, 701 E. Carson Street, Carson, CA 90745.

BID ITEM NO. 5: PROPERLY ABATE AND DISPOSE OF LEAD BASED PAINT.

Prior to initiation of demolition activities, the Contractor shall remove and properly dispose of all flaking and peeling, or otherwise loose lead based paint, as identified in the "ASBESTOS AND LEAD SURVEY 21723-21725 FIGUEROA STREET, CARSON, CALIFORNIA" dated May 24, 2017 prepared by Ninyo & Moore of Irvine, CA. All material removal, cleaning, stabilization, handling, storage, transport, and disposal, and any required notifications shall comply with all applicable Federal, State, and Local regulations, guidelines, requirements, protocols, and law for lead based paints. To the extent feasible, all truck loading and unloading operations shall be performed on site.

Abatement shall be performed only by State of California licensed, registered, and certified personnel. Notification and chain of custody documentation shall be provided to the City upon completion of removal and disposal operations. The Project Manager shall be notified five (5) days prior to initiation of abatement activities. In addition, the Contractor shall cooperate with and notify the City's designated certified lead based paint consultant of scheduled removal dates, and provide said consultant with requested lead based paint related documentation, if requested by the Hosuing Authority.

The contractor shall notify all persons entering the sites of the existence and locations of lead based paint during removal and handling operations.

Provide to the Project Manager all manifests, and other documentation that may have been obtained for removal from the site of any and all potentially hazardous materials. Documentation can be sent to Amelia Soto, Carson Housing Authority, 701 E. Carson Street, Carson, CA 90745.

BID ITEM NO. 6: DEMOLISH AND DISPOSE OF ALL STANDING STRUCTURES.

Demolish and remove the indicated buildings, and structures including designated fences. Demolition to include the removal of all on site electrical lines to structures being demolished. Demolition includes removal of all landscaping including clearance of all vegetation on site. Backfill removal areas as necessary and compact to a nominal rate of 90 lbs./sq. f.t. To the extent feasible, all truck loading and unloading operations shall be performed on site. All resultant demolition debris is to be disposed of in a lawful manner, and corresponding weight tickets submitted to the City for recycling diversion credit

BID ITEM NO. 7: DEMOLISH AND REMOVE ALL LIGHT STANDARDS, TRASH ENCLOSURES AND OTHER EQUIPMENT.

Completely remove all on site light standards, trash enclosures and other equipment. Backfill removal areas as necessary and compact to a nominal rate of 90 lbs./sq. f.t. To the extent feasible, all truck loading and unloading operations shall be performed on site. All resultant demolition debris is to be disposed of in a lawful manner, and corresponding weight tickets submitted to the City for recycling diversion credit

BID ITEM NO. 8: REMOVE AND DISPOSE OF ALL DEBRIS ONSITE.

Remove all on-site debris and trash from property. Remove all non-construction related items from site. To the extent feasible, all truck loading and unloading operations shall be performed on site. All resultant debris is to be disposed of in a lawful manner.

BID ITEM NO. 9: REMOVE AND DISPOSE OF DESIGNATED FENCING AROUND STRUCTURES.

The existing perimeter security fence and/or block wall is owned by the Housing Authority or the neighboring property owner. Said perimeter fencing/wall is to remain after demolition is complete. Ensure the intergrity of the perimeter fences/walls during and after demolition. Designation fencing within property shall be demolished and disposed of in a lawful manner.

BID ITEM NUMBER 10: PROVIDE RECORD DRAWINGS OF DEMOLITION WORK.

Provide scale drawings of the site detailing removal and backfill locations for all structures, subsurface removals, and underground utility lines. Information provided should denote the

dimensions of the site, as well as the size and location of items removed, backfilled, removed utility connections, and compacted items.

BID ITEM NUMBER 11: PROVIDE MITIGATION FOR DUST.

Provide water spray trucks or whatever measures necessary to keep dust from demolition work to a minimum.