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2640 Fountain View Drive, Houston, Texas 77057 | 713.260.0600 | David A. Northern, Sr., **President & CEO**  
**Houston Housing Authority Board of Commissioners:** LaRence Snowden, *Chair* | Kristy M. Kirkendoll, *Vice Chair*  
Dr. Max Miller, Jr. | Stephanie Ballard | Andrea Hillard Cooksey | Kris Thomas | Guillermo "Will" Hernandez

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**INVITATION FOR BID  
("IFB") 23-02**

The Houston Housing Authority ("HHA"), is soliciting sealed bids for a contractor to perform all the necessary construction-related work needed to facilitate the Remediation and Demolition of Bldg. 127 at the Irvinton Village located **2901 Fulton Street, Houston Texas 77009**, in accordance with the requirements and terms and conditions specified herein.

Interested parties who wish to respond to this solicitation must submit the required documents in a sealed envelope to the below individual by **2 P.M. Central Standard Time ("CST"): February 15, 2023 to:**

**Houston Housing Authority  
Attn: Austin Y. Crotts, MA  
Subject: IFB 23-02 Remediation and Demolition of Bldg. 127 at the Irvinton Village  
DO NOT OPEN  
2640 Fountain View Drive, Houston, Texas 77057**


**The face of the sealed envelope/package must contain the above information.**

**All Interested Parties Are Highly Encouraged (But Not Required), To Participate in a Pre-Bid Conference Via In-Person or Zoom as Specified in Section 4.0 Procurement Schedule.**

**Interested parties are also highly encouraged to check HHA's website prior to the submission of their sealed response to ensure they are aware of any Amendment(s) that may affect this solicitation. They should also send an e-mail acknowledgment to [Purchasing@housingforhouston.com](mailto:Purchasing@housingforhouston.com), that they have downloaded this solicitation from HHA's website. Doing so will allow "HHA" to notify interested parties of any Amendments that may affect this solicitation.**

**Late submissions will be handled in accordance with Section 5 of Attachment H Instruction to Bidders for Contracts Public and Indian Housing Programs (HUD Form 5369).**

Interested parties who have questions about this solicitation, or who need additional information should send an e-mail (preferably) to [Purchasing@housingforhouston.com](mailto:Purchasing@housingforhouston.com) with **"IFB 23-02"** in the subject line by the date specified in Section 4.1. As an alternative, interested parties have the option of sending a fax to 713-280-0810. Any changes to the requirements specified herein will be done via an Amendment.

  
1-9-2023  
**Austin Y. Crotts, MA  
Procurement Manager,  
Houston Housing Authority**



*A Fair Housing and Equal Employment Opportunity Agency. For assistance: Individuals with disabilities may contact the 504/ADA Administrator at 713-280-0353, TTY 713-280-0574 or [504ADA@housingforhouston.com](mailto:504ADA@housingforhouston.com)*

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# **I. ORGANIZATION OVERVIEW**

## **1.0 PROFILE OF THE HOUSTON HOUSING AUTHORITY**

- 1.1 “HHA” is currently governed by the Housing Authorities Law, codified in the Texas Local Government Code. It is a unit of government and its functions are essential governmental functions. It operates and manages its housing developments to provide decent, safe, sanitary, and affordable housing to low-income families, the elderly, and the disabled, and implements various programs designed and funded by the U.S. Department of Housing and Urban Development (HUD). “HHA” is a Public Housing Agency.
- 1.2 The property of “HHA” is used for essential public and governmental purposes, and its property are exempt from all taxes, including sales tax on all its purchases of supplies and services.
- 1.3 “HHA” enters into and executes contracts and other instruments that are necessary and convenient to the exercise of its powers.
- 1.4 “HHA” maintains contractual arrangements with HUD to manage and operate its Low Rent Public Housing program and administers the Section 8 Housing Assistance Payments programs. HHA’s programs are federally funded, and its revenues are received from federal funds, administrative fees, development grants, and rental income.
- 1.5 “HHA” provides affordable homes and services to more than 60,000 low-income Houstonians, including over 17,000 families housed through the Housing Choice Voucher Program and another 5,500 living in 25 public housing and tax credit developments around the city. “HHA” also administers the nation’s third-largest voucher program exclusively serving homeless veterans.

**END OF SECTION I**

## II. SPECIAL TERMS AND CONDITIONS

### 2.0 INTENT

- 2.1 The intent of this solicitation is to establish a **fixed-price contract with economic price adjustment** with the lowest responsive and responsible bidder who can provide a turn-key construction solution to perform the work specified in Exhibit B: Scope of Work. incorporated into solicitation.
- 2.2 “In cases where the market for a particular supply or service is especially volatile, and “HHA” needs a contract for a term greater than just an initial quantity, this contract type allows for adjustment in the contract price based upon the occurrence of specified contingencies stated in the contract (e.g., changes in market conditions, the Consumer Price Index, or other commodity price indices that are not controlled by the contractor). The contract contains initial firm fixed prices that may be adjusted upward or downward during the performance period.”
- 2.3 “Economic price adjustment may be used when there is serious doubt concerning the stability of market or labor conditions that will exist during an extended period of contract performance; and, Contingencies that would otherwise be included in the contract price can be identified and covered separately in the contract. Price adjustments based on established prices should normally be restricted to industry-wide contingencies. Price adjustments based on labor and material costs should be limited to contingencies beyond the contractor’s control.”

### 3.0 PERIOD OF PERFORMANCE

- 3.1 Any contract issued as a result of this solicitation will have a Period of Performance of approximately thirty (30) days, and all work will be performed between the hours of 8:00 A.M and 5:00 P.M. Monday thru Friday.
- 3.2 If the date of substantial completion is not attained, the contractor shall pay HHA **Liquidated Damages in the amount up to \$150.00 per day**, and not as a penalty for each day that substantial completion extends beyond the date of substantial completion.

### 4.0 PROCUREMENT SCHEDULE

- 4.1 The anticipated procurement schedule for this solicitation is as follows:

<u>EVENT</u>	<u>DATE</u>
<b>Date Solicitation Advertised</b>	<b>January 10, 2023</b>
<b>On-Site/Telephone Pre-bid Conference See Exhibit A For instructions on how to participate in the Pre-Bid Teleconference</b>	<b>10 A.M. “CST” January 18, 2023</b>



<b><u>EVENT</u></b>	<b><u>DATE</u></b>
<b>Round 1 Scheduled Site Visits</b>	<b>9 A.M thru 5 P.M. January 19-20, 2023 (Note See Section 4.2.1)</b>
<b>Deadline for the Receipt of Round 1 Written Questions to <a href="mailto:Purchasing@housingforhouston.com">Purchasing@housingforhouston.com</a></b>	<b>4 P.M. “CST” January 23, 2023</b>
<b>Deadline Answers to Round 1 Written Questions will be posted on <a href="http://HousingforHouston.com">HousingforHouston.com</a></b>	<b>5 P.M. “CST” January 25, 2023</b>
<b>Deadline for the Receipt of Sealed Responses</b>	<b>2 P.M. “CST” February 15 ,2023</b>

**NOTE: INTERESTED PARTIES ARE RESPONSIBLE FOR MONITORING HHA’S WEBSITE TO ENSURE THEY STAY ABREAST OF ANY AMENDMENTS THAT MAY AFFECT THIS SOLICITATION.**

4.2 Information provided at the pre-bid conference is not binding unless it has been incorporated into this solicitation via an Amendment.

4.2.1 **TO GET A BETTER UNDERSTANDING OF THE REQUIREMENTS OF THIS SOLICITATION, INTERESTED PARTIES ARE BEING PROVIDED WITH ONE (1) OPPORTUNITIES TO CONDUCT SITE VISITS (BY APPOINTMENT ONLY) AND TO ASK QUESTIONS.**

4.2.1.1 **To schedule a site visit, interested parties must send an e-mail to the below e-mail addresses at least twenty-four (24) hours in advance of the day they wish to visit the properties:**

- **Diana Dmitriyeva: [DDmitriyeva@housingforhouston.com](mailto:DDmitriyeva@housingforhouston.com)**
- **Luis Montes DeOca at: [LMontesDeOca@housingforhouston.com](mailto:LMontesDeOca@housingforhouston.com)**
- **HHA Procurement Dept: [Purchasing@housingforhouston.com](mailto:Purchasing@housingforhouston.com)**

4.2.2 **INTERESTED PARTIES MUST CHECK-IN AT THE FRONT DESK WITH THE ON-SITE PROPERTY MANAGER, AND ARE REQUIRED TO LEAVE THEIR BUSINESS CARD(S).**

4.2.2.1 **QUESTIONS SHOULD NOT BE DIRECTED TO THE ON-SITE PROPERTY MANAGER, OR THIRD PARTIES, BUT MUST BE SENT TO [PURCHASING@HOUSINGFORHOUSTON.COM](mailto:PURCHASING@HOUSINGFORHOUSTON.COM) BY THE SPECIFIED DUE DATE IN THE PROCUREMENT SCHEDULE.**

**P.2.3 INTERESTED PARTIES SHALL PAY PARTICULAR ATTENTION TO SECTION 9.0 AMENDMENTS.**

**4.2.4 DUE TO COVID-19 PROTOCOLS, “HHA” REQUIRES ALL CONTRACTORS TO WEAR PROPER PPE UPON ENTERING ANY BUILDINGS AND WHILE INTERACTING WITH INDIVIDUALS.**

4.4 Posting of the Bid Tabulations

4.4.1 HHA’s Procurement Department will make a good faith effort to post the Initial Bid Tabulation on its [website](#) in a timely manner.

4.4.1.1 Subsequent to the bid opening, all responses will be analyzed and reviewed to determine the lowest responsive and responsible bidder.

5.0 **REGISTRATION**

5.1 Interested Parties are encouraged to **register** their company on HHA’s newly redesigned website which will facilitate “HHA” contacting them regarding solicitations that match their company’s profile.

5.2 Before registering your company, please access the **Bidder’s List** to see if your company is already registered with “HHA”. There is no need to re-register unless your company is making changes to its company profile.

6.0 **SCOPE OF WORK (SOW)**

6.1 See Exhibit B – Remediation and Demolition of Bldg. 127 at Irvinton Village incorporated into this solicitation.

6.2 Build America, Buy America Act (“BABAA Act”) - The Act requires the following Buy America preference:

- (1) All iron and steel used in the project are produced in the United States. This means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.
- (2) All manufactured products used in the project are produced in the United States. This means the manufactured product was manufactured in the United States, and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation.
- (3) All construction materials are manufactured in the United States. This means that all manufacturing processes for the construction material occurred in the United States.

## 7.0 **SELECTION CRITERIA**

7.1 “HHA” intends to make an award to the lowest responsive and responsible bidder.

## 8.0 **SUBMITTALS**

8.1 All responses must conform to the requirements specified herein.

8.1.1 “HHA” is not responsible for any costs that may be incurred if “HHA” cancels this solicitation or any costs that may be incurred in the development or submittal of any response(s) to this solicitation.

8.1.2 All submissions will become a part of HHA's official files, and “HHA” is not obligated to return any submission(s) once it is in the possession of “HHA”.

8.1.3 **THE CONTENTS AND ACCURACY OF THE SUBMITTALS SHOULD BE CHECKED BEFORE IT IS SUBMITTED TO “HHA”.**

8.2 **One (1) original, hard-copy (provided in a three ring binder) and one (1) flash drive containing a copy of all documents provided,** the responses may be hand-delivered or mailed to the location specified on page 1. Each response must be tabbed, and contain the following:

### 8.2.1 **Cover Letter (“CL”)**

8.2.1.1 Acknowledge the receipt and review of this solicitation, and any Amendment(s) issued by HHA.

8.2.1.2 The “CL” must be on company letterhead, manually signed by an authorized official of the company (who can negotiate, and contractually bind the company to perform the services specified herein), along with their title, phone number, and e-mail address.

### 8.2.2 **Customer Reference List**

8.2.2.1 Provide the contact information of three (3) business references.

### 8.2.3 **Attachment A Declaration**

### 8.2.4 **Attachment B Non-Collusive Affidavit**

### 8.2.5 **Attachment C M/WBE Participation**

### 8.2.6 **Attachment D Section 3 Requirements and Commitment**

### 8.2.7 **Attachment E Conflict of Interest Questionnaire (CIQ)**

### 8.2.8 **Attachment F Representations, Certifications and Other Statements Public Housing Programs (Form HUD 5369-A)**

### 8.2.9 **Attachment G Previous Participation Certification (HUD-2530)**

8.2.9.1 Complete Attachment G Previous Participation Certification (HUD-2530)

8.2.10 **Price Sheet**

8.2.10.1 Complete Exhibit D: Price Sheet

**NOTE: INTERESTED PARTIES ARE HIGHLY ENCOURAGED TO FAMILIARIZE THEMSELVES WITH THE EXISTING SITE CONDITIONS, AND ANY AMENDMENTS POSTED ON HHA'S [WEBSITE](#) PRIOR TO SUBMITTING THEIR SEALED RESPONSES TO "HHA".**

8.2.11 **Bid Guarantee (See Section 9 of Attachment I HUD Form 5369)**

- 8.3 "HHA" may not evaluate responses that do not comply with the submittal requirements specified herein. Responses received after the specified date and time will be considered non-responsive.

**END OF SECTION II**

### **III. GENERAL TERMS AND CONDITIONS**

#### **9.0 AMENDMENTS**

- 9.1 Any interpretation(s) affecting this solicitation will be issued by “HHA” via an Amendment before the due date specified on page 1.
- 9.2 “HHA” will not be bound by and is not responsible for any oral explanations, instructions, representations, or requirements unless it is issued by “HHA” via an Amendment.
- 9.3 **Any Amendment(s) issued by “HHA” shall be binding in the same way as if originally written in this solicitation.**

#### **10.0 AVAILABILITY OF RECORDS**

- 10.1 The U. S. Department of Housing and Urban Development, the Inspector General of the United States, “HHA”, and any duly authorized representatives of each shall have access to, and the right to examine all pertinent books, records, documents, invoices, papers, and the like of the firm(s) office, that relates to any work that is performed as a result of this solicitation.

#### **11.0 BASIS FOR AWARD**

- 11.1 See Section 7.0.
- 11.2 Interested parties are responsible for ensuring they have all documents referenced and incorporated in this solicitation, and are familiar with the contents of those documents. Failure to do so shall be at the sole risk of the interested party, and no relief shall be given for errors or omissions by the interested party.

#### **12.0 CANCELLING THE SOLICITATION**

- 12.1 “HHA” may cancel this solicitation at any time, and when it is in its best interests to do so. (See Section 8.1.1)

#### **13.0 ETHICAL BEHAVIOR**

- 13.1 Interested Firms shall not:
  - 13.1.1 Offer any gratuities, favors, or anything of monetary value to any official or employee of “HHA” that will influence their objective consideration and review of any response(s) to this solicitation; and,
  - 13.1.2 Engage in any practice which may restrict or eliminate competition (i.e., collusion), or otherwise restrain trade.
    - 13.1.2.1 The above is not intended to preclude joint ventures or subcontracts.

14.0 **FEDERAL REGULATIONS WITH REGARD TO NONDISCRIMINATION AND EQUAL OPPORTUNITY**

- 14.1 The requirements of Title VIII of the Civil Rights Act of 1968 and Title VI of the Civil Rights Act of 1964, relating to prohibitions against discrimination in housing and the benefits of federally funded programs because of race, color, religion, sex or national origin must be met by the successful firm(s).
- 14.2 The successful bidder(s)/proposer(s) will:
- 14.2.1 Adhere to federal regulations prohibiting discrimination based on age under the Age Discrimination Act of 1975, and prohibit discrimination against handicapped individuals under Section 504 of the Rehabilitation Act of 1973 and the Americans With Disabilities Act of 1990.
- 14.2.2 Meet the requirements of:
- 14.2.2.1 Section 3 of the Housing and Urban Development Act of 1968, relating to the training and employment of individuals and contracting for business opportunities in metropolitan areas in which federally funded programs are being operated.
- 14.2.2.2 Executive Orders (EO's):
- EO 11246 relating to equal employment opportunity in connection with federally funded programs; and,
  - EO's 11625, 12432, and 12138 relating to the use of minority and women's business enterprises in connection with federally funded programs.

15.0 **INFORMALITIES**

- 15.1 "HHA" reserves the right to waive any informality, and make an award that is in the best interest of "HHA".
- 15.1.1 Minor informalities are matters of form rather than substance. They are insignificant mistakes that can be waived or corrected without prejudice to the other proposers/bidders and have little or no effect on the price, quantity, quality, delivery, or contractual conditions.
- 15.1.2 Examples include failure to: return the number of signed bids required by the bid package; sign the bid, provided that the unsigned bid is accompanied by other documents indicating the bidder's intent to be bound (e.g., a signed cover letter or a bid guarantee); complete one or more certifications; or acknowledge receipt of an amendment or addendum, provided that it is clear from the bid that the bidder received the amendment/addendum and intended to be bound by its terms, or the amendment/addendum had a negligible effect on the price, quantity, quality, or delivery.

## 16.0 **INSURANCE**

- 16.1 “HHA” will specify the amount of insurance that will be required during the Period of Performance.

## 17.0 **MINORITY WOMEN BUSINESS ENTERPRISE (M/WBE) PARTICIPATION**

- 17.1 Refer to Attachment C for M/WBE Participation requirements.

## 18.0 **MISTAKES IN BIDS**

### 18.1 General

- 18.1.1 While proposers/bidders will be bound by their submittals (the “firm bid rule”), circumstances may arise where correction or withdrawal of their bid or proposal is proper and may be permitted. Correction or withdrawal of a bid or proposal will be done in a manner that will protect and maintain the integrity and fairness of the competitive solicitation process.

### 18.2 Mistakes Discovered Before Solicitations Are Opened

- 18.2.1 Interested parties may modify, or withdraw their bid.  
(Refer to Section 5 of Attachment I.)

### 18.3 Review of Mistakes

- 18.3.1 After the solicitations are opened, “HHA” will review all submittals to ensure there are no obvious mistakes, e.g., the sum of individual bid line items does not equal the total price. If a submittal appears to have a mistake, “HHA” will notify the interested of any apparent mistake(s) in his/her submittal, and request verification of the total price as submitted.

### 18.4 Mistakes After Solicitations Are Opened

- 18.4.1 If this solicitation is soliciting bids, then in general, bidders will not be permitted to change a bid after bid opening. In rare cases, “HHA” may permit the revision of a bid if the bidder is able to present clear and convincing evidence, acceptable to “HHA”, of a mistake and the intended bid price. Allowing changes to bids without appropriate evidence may compromise the integrity of the public bid process and serve to undermine public confidence in HHA’s bidding process. Therefore, “HHA” will request as much evidence as it deems necessary. Examples of evidence may include original work papers, bids from suppliers and subcontractors used to develop the bid, bonding or insurance evidence supporting a different bid price, etc. Failure or refusal by a bidder to provide adequate evidence shall result in the original bid remaining unchanged. Consultation with HHA’s Legal Dept. will occur before authorization is given to change a bid. If justified, a low bidder can be replaced with the next lowest bidder.

## 19.0 **PAYMENT**

19.1 “HHA” will process all invoices after the work has been approved by HHA’s Project Manager. Payment terms are net 30 days.

## 20.0 **PERMITS**

20.1 The successful bidder(s) shall obtain and pay (independent of “HHA”), all permits, certificates, and licenses required and necessary for the performance of the work specified herein. Furthermore, they shall post all notices required by law, and shall comply with all laws, ordinances, and regulations which may affect their performance.

## 21.0 **PROJECT MANAGER**

21.1 “HHA” may designate a Project Manager during the Period of Performance.

## 22.0 **QUESTIONS**

22.1 Interested parties must follow the instructions on page 1 should they have any questions about this solicitation.

22.2 Interested parties are prohibited from querying “HHA” personnel, or members of its Board of Commissioners regarding this solicitation except through written questions submitted in the manner and within the period indicated on page 1 of this solicitation.

## 23.0 **REMOVAL OF EMPLOYEES**

23.1 “HHA” may request the successful contractor(s) to remove immediately from the contract/project, any employee found unfit to perform their duties due to one or more of the following reasons, which includes, but is not limited to:

23.1.1 Negligence, being disorderly, using abusive or offensive language, quarreling or fighting, stealing, vandalizing property; and,

23.1.2 Engaging in immoral or inappropriate behavior (e.g., being intoxicated, or under the influence of mind-altering substances), or pursuing criminal activity (e.g., selling, consuming, possessing or being under the influence of illegal substances).

## 24.0 **RESERVATION OF RIGHTS**

24.1 Depending upon the circumstance(s), “HHA” reserves the right to change, modify, or alter any Draft Contract associated with the solicitation.

## 25.0 **STANDARDS OF CONDUCT**

25.1 During the Period of Performance, the employees of the successful contractor(s) shall conduct themselves in a responsible and professional manner, and may be removed from the project if they display behavior that is unacceptable to “HHA”.



## 26.0 **SUBCONTRACTING**

- 26.1 Any contract issued as a result of this solicitation will not be subcontracted to third parties unless it has been previously approved by “HHA” in writing.

## 27.0 **TAXES**

- 27.1 “HHA” is exempt from State of Texas, and Local Taxes.

## 28.0 **TRAVEL AND REIMBURSEMENTS**

- 28.1 Any prices/fees mutually agreed upon shall include all necessary out-of-pocket expenses needed to perform the work specified herein. “HHA” will not issue any reimbursements for travel, lodging, meals, or other miscellaneous or ancillary expenses unless it is defined in the final contract.

## 29.0 **VALIDITY OF RESPONSES**

- 29.1 Responses will not be unilaterally withdrawn or modified for a period of ninety (90) days after they have been received and opened by “HHA”.

## 30.0 **SUPPLEMENTS**

- 30.1 The following documents are considered part of this solicitation:

Attachment A: Declaration  
Attachment B: Non-Collusive Affidavit  
Attachment C: M/WBE Participation  
Attachment D: Section 3 Requirements and Commitment  
Attachment E: Conflict of Interest (CIQ) Form  
Attachment F: Representations, Certifications and Other Statements Public Housing Programs (Form HUD 5369-A)  
Attachment G: Previous Participation Certification (HUD-2530)  
Attachment H: Instructions to Bidders for Contracts Public and Indian Housing Programs (Form HUD-5369)  
Attachment I: General Conditions for Construction Contracts – Public Housing Programs (Form HUD 5370-EZ)  
Attachment J: Davis Bacon Wage Rates  
Attachment K: Schedule of Amounts for Contract Payments (Form HUD 51000)  
Exhibit A: Pre-Bid Teleconference Access Information  
Exhibit B: Scope of Work: Remediation and Demolition of Bldg. 127 at Irvinton Village located 2901 Fulton Street Houston Texas 77009  
Exhibit C: Design Plans and Site Topographic  
Exhibit D: Price Sheet  
Exhibit E: Bldg. 127 Asbestos Inspection Report

- 30.2 Interested parties are responsible for ensuring they have all documents referenced and incorporated in this solicitation, and are familiar with the contents of those documents. Failure to do so shall be at the sole risk of the offeror and no relief shall be given for errors or omissions by the offeror.

**END OF SECTION III**

**ATTACHMENT A**

**DECLARATION**

The undersigned declares the following:

- This response is being submitted in good faith and without collusion or fraud
- The only person(s) interested in the aforementioned solicitation is listed below, and this response is being submitted without connection or arrangement with any other person
- They have complied with the requirements of the aforementioned solicitation, have read all addenda (if any), and is satisfied that they fully understand the intent of the aforementioned solicitation and the terms and conditions that will govern any award issued by “HHA” as a result of this solicitation
- They agree to execute an agreement with “HHA” based on the latter accepting the submittals required by the aforementioned solicitation

Persons Interested in this Response:

Name

Identity of Interest

1.

2.

3.

\_\_\_\_\_  
**NAME OF CONTRACTOR/OFFEROR/FIRM/INDIVIDUAL/CORPORATION**

\_\_\_\_\_  
**MANUAL OR E-SIGNATURE**

\_\_\_\_\_  
**TITLE**

\_\_\_\_\_  
**E-MAIL ADDRESS**

\_\_\_\_\_  
**PHONE NUMBER / FAX NUMBER**

\_\_\_\_\_  
**ADDRESS, CITY, STATE, ZIP**

\_\_\_\_\_  
**SUBMITTAL DATE**

**ATTACHMENT B**

**NON-COLLUSIVE AFFIDAVIT**

STATE OF TEXAS

COUNTY OF HARRIS

\_\_\_\_\_, being first duly sworn, deposes and says that he is

\_\_\_\_\_  
(a partner or officer of the firm of, etc.)

the party making the foregoing proposal or bid, that such proposal or bid is genuine and not collusive or sham; that said bidder has not colluded, conspired, connived or agreed, directly or indirectly, with any manner, directly or indirectly, sought by agreement or collusion, or communication or conference with any person to fix the bid price or affiant or of any other bidder, or to fix any overhead, profit, or cost element of said bid price, or of that of any other bidder, or to secure any advantage against

THE HOUSTON HOUSING AUTHORITY

of any person interested in the proposed Contract; and that all statements in said proposal or bid are true.

\_\_\_\_\_  
Signature of Bidder, if Bidder is an Individual

\_\_\_\_\_  
Signature of Bidder, if Bidder is a Partnership

\_\_\_\_\_  
Signature of Officer, if Bidder is a Corporation

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2022

\_\_\_\_\_  
**Notary Public**

My Commission expires \_\_\_\_\_

## ATTACHMENT C

### **REQUIREMENTS FOR SUBCONTRACTING WITH SMALL BUSINESSES AND MINORITY BUSINESSES, WOMEN BUSINESS ENTERPRISES, AND LABOR SURPLUS AREA FIRMS.**

#### **I. INSTRUCTIONS.**

Any Prime Contractor awarded a contract pursuant to this procurement must agree to comply with the subcontracting requirements set forth below. Please note that the capitalized terms used in this document are defined below in § VII.

**(1) Please read this document carefully; (2) sign the acknowledgment; and (3) complete and sign the attached “Bidder’s Proposed M/WBE Participation Form.”**

#### **II. OVERVIEW.**

Any contract resulting from this procurement must comply with: (1) the requirements in the Houston Housing Authority’s Procurement Policy (the “Policy”) and the Code of Federal Regulations (the “Code”) regarding Subcontracting with small and minority-owned businesses, women business enterprises, and labor surplus area firms (the “Policy Requirements”); and (2) the Houston Housing Authority’s goal regarding Subcontracting with minority business enterprises and women business enterprises (the “HHA’s Goal”). Any person or firm that receives an award pursuant to this procurement must take affirmative steps to comply with the Policy Requirements and must use their best efforts to meet “HHA’s Goal”. The Policy Requirements and HHA’s Goal are described in detail below.

#### **III. THE POLICY REQUIREMENTS.**

Pursuant to the Policy, at § 15, and the Code, at 2 CFR § 200.321, if a Prime Contractor awarded a contract pursuant to this procurement lets Subcontracts, then the Prime Contractor must take affirmative steps to assure that, when possible, Subcontracts are let to Small Business Enterprises (“SBEs”), Minority Businesses Enterprises (“MBEs”), Women Business Enterprises (“WBEs”), and Labor Area Surplus Firms (“LASFs”). The affirmative steps a Prime Contractor who lets Subcontracts must take are:

- Placing SBEs, MBEs, and WBEs, on solicitation lists;
- Assuring that SBEs, MBEs, and WBEs, are directly solicited for bids or proposals whenever such entities are potential sources to perform Subcontracts;
- Dividing total job requirements, whenever economically feasible, into smaller tasks or quantifies to permit maximum participation by SBEs, MBEs, and WBEs, in a given project;
- Establishing delivery schedules, when the requirement permits, that encourage participation by SBEs, MBEs, and WBEs;
- Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the U.S. Department of Commerce; and,

- Including in Subcontracts, to the greatest extent feasible, a clause that requires Subcontractors to provide opportunities for training and employment for lower-income persons who reside in the project area.

The affirmative steps listed above shall remain in effect for the duration of the Prime Contract awarded pursuant to this procurement. “HHA” encourages Prime Contractors to implement these steps when acquiring the materials, they need to perform their obligations under the Prime Contract.

#### IV. HHA’S GOAL.

##### A. Overview of HHA’s Goal and related requirements.

In addition to taking the affirmative steps outlined above in § III, a Prime Contractor who anticipates using Subcontracts to complete any work associated with this procurement must use its best efforts to satisfy “HHA’s Goal” regarding the participation of MBEs and WBEs in work under contracts awarded by “HHA”. “HHA’s Goal” as adopted by its Board of Commissioners, is that when Subcontracts are being let, at least 30% of the Prime Contract’s total dollar amount is subcontracted to MBEs or WBEs, with at least 15% of the Prime Contract’s total dollar amount being subcontracted to MBEs, and at least 15% being subcontracted to WBEs.

In furtherance of “HHA’s Goal”, a Prime Contractor awarded a contract under this procurement who intends to let Subcontracts must use its best efforts to Subcontract with MBEs and WBEs. **Specifically, a Prime Contractor letting Subcontracts must use its best efforts (1) to Subcontract at least 15% of the Prime Contract’s total dollar amount to MBEs, and (2) to Subcontract at least 15% of the Prime Contract’s total dollar amount to WBEs. A Prime Contractor’s obligation to use its best efforts to subcontract with MBEs and WBEs in accordance with “HHA’s Goal” shall remain in effect for the duration of the Prime Contract, shall apply in any instance that the Prime Contractor lets Subcontracts, and shall apply equally to all Prime Contractors letting Subcontracts, regardless of whether the Prime Contractor is itself an MBE or WBE.**

- A Prime Contractor must document its use of best efforts to meet “HHA’s Goal”. Generally, written evidence of a Prime Contractor’s attempts to Subcontract with MBEs and WBEs shall suffice to document a Prime Contractor’s best efforts. Written evidence may include, but is not necessarily limited to, emails, phone logs, or correspondence showing that a Prime Contractor attempted to Subcontract with MBEs and WBEs by, at a minimum, soliciting bids or quotes. Contractors may access a list of designated MBEs and WBEs at:

1. State of Texas Website: <https://comptroller.texas.gov/purchasing/vendor/hub/>
2. Houston Housing Authority (“HHA”) Website: [Bidder Registration/Bidder's List - Houston Housing Authority \(housingforhouston.com\)](http://HousingforHouston.com/BidderRegistration/Bidder'sList)

Note: below is the path to the above referenced-website:

- HousingforHouston.com
- Doing Business with “HHA”
- Bidder’s Registration / Bidder’s List

In addition, upon request, “HHA” may assist contractors in identifying MBEs and WBEs (but, requesting such assistance, standing alone, is not sufficient to show best efforts).

A Prime Contractor's duty to document its best efforts to meet "HHA's Goal" shall remain in effect for the duration of the Prime Contract and shall apply to all Prime Contractors awarded a contract pursuant to this procurement. "HHA" encourages Prime Contractors to use their best efforts to procure from MBEs and WBEs the materials necessary for the Prime Contractor to perform its obligations under the Prime Contract.

**V. CONTRACTOR'S AGREEMENT TO COMPLETE REQUIRED FORMS AND TO COOPERATE WITH HHA REGARDING THE POLICY REQUIREMENTS AND HHA GOAL.**

**All respondents to this procurement who anticipate letting subcontracts must complete and return the attached "Bidders Proposed M/WBE Participation Form" (the "Form").** Respondents should include the Form in their response to this procurement; in addition, information documenting the respondent's use of best efforts to subcontract with MBEs and WBEs should accompany the Form. If it does not anticipate letting subcontracts, a respondent must, along with its response, inform "HHA" of same, and provide a brief explanation of why no subcontracts will be let. "HHA" will consider as non-responsive any response that fails to include a completed Form; "HHA" will, however, allow respondents an opportunity to cure a failure to include the Form with a response.

In addition to completing and submitting the Form to "HHA", any entity awarded a contract by "HHA" pursuant to this procurement must provide "M/WBE Confirmation of Payment Form(s)," as necessary or as requested by "HHA". Prime Contractor must also to submit proof of payments to SBEs, MBEs, WBEs, and LASFs, as requested by "HHA", or as otherwise is required by law.

**VI. CONSEQUENCES FOR FAILING TO TAKE THE AFFIRMATIVE STEPS MANDATED BY THE POLICY REQUIREMENTS OR USING BEST EFFORTS TO MEET HHA'S GOALS.**

If a Prime Contractor letting subcontracts does not take the affirmative steps mandated by the Policy Requirements, use its best efforts to meet "HHA's Goal", or cooperate with "HHA" with respect to the requirements set forth herein, "HHA" reserves the right to refuse to award a contract to the Prime Contractor, to deem the Prime Contractor's response to a solicitation non-responsive, to terminate an existing contract with the Prime Contractor, and to bar the Prime Contractor from being awarded any future contracts by "HHA".

**VII. DEFINITIONS.**

- "Code" means the Code of Federal Regulations.
- "Form" means the "Bidders Proposed M/WBE Participation Form" included with this procurement.
- "HHA" means the Houston Housing Authority, and, for the purposes of the requirements set forth herein, HHA's affiliates and any property management company procuring work or services for the benefit of a property owned by "HHA" or its affiliates.
- "HHA's Goal" shall have the meaning set forth above in § 3.
- "LASFs" refers to Labor Area Surplus Firms. Labor Area Surplus Firms are businesses that will expend more than fifty percent of the cost of performing a contract in areas of concentrated unemployment or underemployment, as defined by the Department of Labor and promulgated at 20 CFR Part 654.

- “MBE(s)” refers to minority business enterprises. Minority business enterprises are businesses that are at least fifty-one percent owned by one or more minority group members, or, in the case of a publically owned business, a business where at least fifty-one percent of the business’s voting stock is owned by one or more minority group members and whose management and daily operations are controlled by one or more such individuals. Minority group members include, but are not necessarily limited to: (a) Black Americans; (b) Hispanic Americans; (c) Native Americans; (d) Asian-Pacific Americans; (e) Asian-Indian Americans; and (f) Hasidic Jewish Americans.
- “Policy” means the Houston Housing Authority’s Procurement Policy.
- “Policy Requirements” shall have the meaning set forth in § II above.
- “Prime Contract(s)” means the contract awarded pursuant to this procurement that is between a respondent to the solicitation and “HHA”. For all purposes herein, the term is inclusive of all change orders or amendments to the initial contractor entered between the Prime Contractor and “HHA”.
- “Prime Contractor(s)” means the person or entity who responds to this procurement and is awarded a contract by “HHA”.
- “SBEs” refers to small business enterprises. Small business enterprises are businesses that are independently owned, not dominant in their field of operation and not an affiliate or subsidiary of a business that is dominant in its field of operation.
- “Subcontract(s)” means the contract between the Prime Contractor and a Subcontractor entered to accomplish all or a part of the Prime Contractor’s obligations under its contract with “HHA” that results from this procurement.
- “Subcontractor(s)” means a person or entity who the Prime Contractor contracts with to perform a part or all of the Prime Contractor’s obligations under the Prime Contractor’s contract with “HHA” that results from this procurement.
- “WBEs” refers to women business enterprises. Women business enterprises are businesses that are at least fifty-one percent owned by a woman who is a United States citizen, or by women who are United States citizens and who control and operate the business.

## **VIII. ACKNOWLEDGEMENT.**

The undersigned has read the foregoing “Requirements for Subcontracting with Small Businesses, Minority Businesses, Women Business Enterprises, and Labor Area Surplus Firm,” and understands and accepts the requirements and obligations set forth therein. When Subcontracting any portion of the work associated with this procurement, the undersigned agrees to take the affirmative steps stated in § III above, and agrees to use its best efforts to meet “HHA’s Goal” as stated in § IV above. The undersigned understands and acknowledges that failure to comply the requirements set forth herein may result in “HHA” refusing to award a contract to the undersigned or the termination of an existing contract.

---

**Name of Firm**

---

**Complete Address**

---

**Name of Individual Completing this Form**

---

**Title**

---

**Direct Phone Number / Cell Phone Number**

---

**Direct Fax Number**

---

**E-Mail Address**

---

**Date**

---

**Manual or E-Signature**



## Bidder's Proposed M/WBE Participation Form

### Instructions

- “HHA” requires bidders (Prime Contractors) who let Subcontracts to use their best efforts to Subcontract at least 30% of a Prime Contract’s total dollar amount to Minority Business Enterprises (“MBEs”) or Women Business Enterprises (“WBEs”).
- It is “HHA’s Goal” that Prime Contractors letting Subcontracts award at least 15% of the Prime Contract’s total amount to MBEs **and** at least 15% of the Prime Contract’s total amount to WBEs.
- The requirement that Prime Contractors letting Subcontracts use their best efforts to Subcontract with MBEs and WBEs applies to all Prime Contractors, regardless of their own status as an MBE or WBE.
- Please complete and sign the form below indicating firm Subcontracting commitments from MBEs and WBEs. Use additional pages, if necessary.
- For detailed information on HHA’s MBE and WBE Subcontracting requirements, see Attachment C.

MBEs	Name of MBE Subcontractor	Certification(s)	Amount of Subcontract	Percent of Contract Total
		<b>Total</b>		

**Note: Attach additional sheets if necessary.**

WBEs	Name of WBE Subcontractor	Certification(s)	Amount of Subcontract	Percent of Contract Total
		<b>Total</b>		

**Note: Attach additional sheets if necessary.**

\_\_\_\_\_  
Name of Firm

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Manual or E-Signature

**ATTACHMENT D**  
**HOUSTON HOUSING AUTHORITY**  
**SECTION 3 REQUIREMENTS & COMMITMENT**

<b>Company Name:</b>	
<b>Name of Contact Person for Section 3 Commitment:</b>	
<b>Title:</b>	<b>Contact Number:</b>
<b>Contact Person E-Mail:</b>	
<b>Solicitation Title: Remediation and Demolition of Bldg. 127 at Irvinton Village</b>	<b>Solicitation #: IFB 23-02</b>

## **I. Background**

Section 3 of the Housing & Urban Development Act of 1968, as amended, 12 U.S.C. 1701u (hereinafter “Section 3”) requires the Houston Housing Authority (“HHA”), to the greatest extent feasible, to provide employment opportunities to residents of “HHA” and other low-income individuals, within the City of Houston. These employment opportunities are provided by contracts funded by “HHA”. The goal is to utilize HHA’s contracts to promote economic self-sufficiency, among low-income populations.

## **II. Solicitation Requirements**

Interested parties responding to a solicitation issued by “HHA” are required to include in their submission, this form (Section 3 Requirements & Commitment), which describes the efforts that will be taken to engage Section 3 Participants in employment and training opportunities “to the greatest extent feasible.” While low-income individuals who are not clients of “HHA” are eligible candidates for Section 3 opportunities, “HHA” expects consideration to be given to individuals who are clients of HHA’s affordable housing programs (public housing & voucher-holders).

## **III. Section 3 Expectations**

Below are examples of acceptable Section 3 opportunities that will comply with HHA’s Section 3 requirements:

### **1. Preferred Options (*All responses to HHA solicitations shall include at least one of these options*)**

- Hire low-income participants preferably clients of “HHA”, and/or
- Provide paid job training/apprenticeship opportunities for low-income participants, preferably clients of “HHA”.

### **2. Secondary Options (*Should be considered only when circumstances impact the availability of jobs/training*)**

- Subcontract at least 25% of the contract amount to a Section 3 Business which is defined as 51% ownership held by a low-income individual(s), preferably a client of “HHA”.
- Provide evidence that the company is a Section 3 Certified firm which, demonstrated by the company’s ownership is at least 51% owned by low-income individual(s), preferably a client of “HHA”.



A Fair Housing and Equal Employment Opportunity Agency. For assistance: Individuals with disabilities may contact the 504/ADA Administrator at 713-280-0353, TTY 713-280-0547 or [504ADA@housingforhouston.com](mailto:504ADA@housingforhouston.com)

#### IV. Section 3 Contract Expectations

Pursuant to Section 3 of the HUD Act of 1968, 12 U.S.C. 1701u, and its implementing regulations, 24 CFR Part 135 (“**Section 3**”), if additional job training, employment and other economic opportunities are generated by a contract administered directly or indirectly by **Houston Housing Authority** then, to the greatest extent feasible, these opportunities must be directed to low-income and very low-income persons. In addition to employment and training opportunities, Section 3 also seeks to benefit businesses owned by public housing residents and other low-income persons. The following provisions of 24 CFR 135.38 shall apply to all contracts involving Section 3 covered work with Houston Housing Authority or its property managers:

- a. The work to be performed under this contract is subject to the requirements of section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1701u (section 3). The purpose of section 3 is to ensure that employment and other economic opportunities generated by HUD assistance or HUD-assisted projects covered by section 3, shall, to the greatest extent feasible, be directed to low- and very low-income persons, particularly persons who are recipients of HUD assistance for housing.
- b. The parties to this contract agree to comply with HUD's regulations in 24 CFR part 135, which implement section 3. As evidenced by their execution of this contract, the parties to this contract certify that they are under no contractual or other impediments that would prevent them from complying with the part 135 regulations.
- c. The Contractor agrees to send to each labor organization or representative of workers with which the contractor has a collective bargaining agreement or other understanding, if any, a notice advising the labor organization or workers' representative of the contractor's commitments under this section 3 clause, and will post copies of the notice in conspicuous places at the worksite where both employees and applicants for training and employment positions can see the notice. The notice shall describe the section 3 preference, shall set forth the minimum number and job titles subject to hire, availability of apprenticeship and training positions, the qualifications for each; and the name and location of the person(s) taking applications for each of the positions; and the anticipated date the work shall begin.
- d. The Contractor agrees to include this section 3 clause in every subcontract subject to compliance with regulations in 24 CFR part 135, and agrees to take appropriate action, as provided in an applicable provision of the subcontract or in this section 3 clause, upon a finding that the subcontractor is in violation of the regulations in 24 CFR part 135. The Contractor will not subcontract with any subcontractor where the contractor has notice or knowledge that the Subcontractor has been found in violation of the regulations in 24 CFR part 135.
- e. The Contractor will certify that any vacant employment positions, including training positions, that are filled (1) after the contractor is selected but before the contract is executed, and (2) with persons other than those to whom the regulations of 24 CFR part 135 require employment opportunities to be directed, were not filled to circumvent the contractor's obligations under 24 CFR part 135.
- f. Noncompliance with HUD's regulations in 24 CFR part 135 may result in sanctions, termination of this contract for default, and debarment or suspension from future HUD-assisted contracts.
- g. With respect to work performed in connection with section 3 covered Indian housing assistance, section 7(b) of the Indian Self-Determination and Education Assistance Act (25 U.S.C. 450e) also applies to the work to be performed under this contract. Section 7(b) requires that to the greatest extent feasible (i) preference and opportunities for training and employment shall be given to Indians, and (ii) preference in the award of contracts and subcontracts shall be given to Indian organizations and Indian-owned Economic Enterprises. Parties to this contract that are subject to the provisions of section 3 and section 7(b) agree to comply with section 3 to the maximum extent feasible, but not in derogation of compliance with section 7(b).

## V. Section 3 Commitment

Identify what efforts will be taken to comply with HHA's Section 3 Requirements to the greatest extent feasible:

**(Must select at least one option below)**

PRIMARY OPTIONS	DESCRIPTION OF EFFORTS "TO THE GREATEST EXTENT FEASIBLE"
<input type="checkbox"/> <b>PRIMARY OPTION 1</b> Hire Section 3 participants to fill employment opportunities listed in the solicitation	Title: _____ # of Positions: _____ Pay _____ Duties: _____ Qualifications: _____  Title: _____ # of Positions: _____ Pay _____ Duties: _____ Qualifications: _____
<input type="checkbox"/> <b>PRIMARY OPTION 2</b> Provide paid job training/apprenticeship opportunities to train Section 3 participants	Title: _____ # of Positions: _____ Pay _____ Duties: _____ Qualifications: _____  Title: _____ # of Positions: _____ Pay _____ Duties: _____ Qualifications: _____
SECONDARY OPTIONS	DESCRIPTION OF EFFORTS "TO THE GREATEST EXTENT FEASIBLE"
<input type="checkbox"/> <b>SECONDARY OPTION 3</b> Subcontract at least 25 % of the contract to a Section 3 Business (51% ownership held by a low-income individual(s), preferably an "HHA" client).	<b>Provide the name of Section 3 company(ies) awarded subcontracts (totaling at least 25% of the contract amount)</b>  Company Name _____ Contract Amount \$ _____  Company Name _____ Contract Amount \$ _____  Company Name _____ Contract Amount \$ _____

<input type="checkbox"/> <b><u>SECONDARY OPTION 4</u></b> Demonstrate that the company's ownership (at least 51%) is owned by low-income individual(s), preferably a client of "HHA".	<b>The majority of the company (at least 51%) is owned by a low-income individual:</b>  Owner's Name: _____ % of Ownership: _____  Owner's Name: _____ % of Ownership: _____
--	--

I understand the federal regulations governing HHA's Section 3 requirements and commit to honoring the obligations listed in this Section 3 Plan, upon the execution of a contract with "HHA".

\_\_\_\_\_  
**Name of Firm**

\_\_\_\_\_  
**Printed Name of Authorized Individual**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Manual or E-signature of Authorized Individual**

# HOUSTON HOUSING AUTHORITY SECTION 3 COMPLIANCE REPORT

Submission Date:	Reporting Period:
_____ Primary Contractor	_____ Subcontractor
Company Name:	
Person completing invoice	
Project Name:	RFP #:
Amount of Contract	Amount of Current Invoice:

# participants hired					

Training Commitment	# Trained this Report Period	YTD Trained during Contract	List Individuals Employed		
			Name	Training Title	Stipend Amount Paid
# of participants engaged in training/ apprenticeship					

Contribution Commitment	Amount Pledged	Amount Paid	Pledge Balance
Amount contributed to Self-Sufficiency Fund	\$	\$	\$

Section 3 Business Concerns	Company Name	Contract Amount Provided
Indicate how at least 25% was subcontracted to Section 3 business(es)		\$
		\$
		\$

\_\_\_\_\_  
Print Name of Person Completing Report

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature of Person Completing Report

\_\_\_\_\_  
Date

**CONFLICT OF INTEREST QUESTIONNAIRE****FORM CIQ****For vendor doing business with local governmental entity****This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.**

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

**OFFICE USE ONLY**

Date Received

**1 Name of vendor who has a business relationship with local governmental entity.**

**2** ☐ **Check this box if you are filing an update to a previously filed questionnaire.** (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

**3 Name of local government officer about whom the information is being disclosed.**

\_\_\_\_\_  
Name of Officer

**4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.**

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?

☐ Yes ☐ No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

☐ Yes ☐ No

**5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.**

**6** ☐ Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

**7**

Signature of vendor doing business with the governmental entity

Date

## **CONFLICT OF INTEREST QUESTIONNAIRE**

### **For vendor doing business with local governmental entity**

A complete copy of Chapter 176 of the Local Government Code may be found at <http://www.statutes.legis.state.tx.us/Docs/LG/htm/LG.176.htm>. For easy reference, below are some of the sections cited on this form.

**Local Government Code § 176.001(1-a):** "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

- (A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;
- (B) a transaction conducted at a price and subject to terms available to the public; or
- (C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

**Local Government Code § 176.003(a)(2)(A) and (B):**

- (a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

\*\*\*

- (2) the vendor:

(A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds \$2,500 during the 12-month period preceding the date that the officer becomes aware that

(i) a contract between the local governmental entity and vendor has been executed;  
or

(ii) the local governmental entity is considering entering into a contract with the vendor;

(B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than \$100 in the 12-month period preceding the date the officer becomes aware that:

- (i) a contract between the local governmental entity and vendor has been executed; or
- (ii) the local governmental entity is considering entering into a contract with the vendor.

**Local Government Code § 176.006(a) and (a-1)**

- (a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

(1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);

(2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or

(3) has a family relationship with a local government officer of that local governmental entity.

- (a-1) The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

- (1) the date that the vendor:

(A) begins discussions or negotiations to enter into a contract with the local governmental entity; or

(B) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

- (2) the date the vendor becomes aware:

(A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);

(B) that the vendor has given one or more gifts described by Subsection (a); or

(C) of a family relationship with a local government officer.



**U.S. Department of Housing  
and Urban Development**

Office of Public and Indian Housing

**Representations, Certifications,  
and Other Statements of Bidders  
Public and Indian Housing Programs**

# Representations, Certifications, and Other Statements of Bidders

## Public and Indian Housing Programs

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### 1. Certificate of Independent Price Determination

#### (a) The bidder certifies that--

(1) The prices in this bid have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any other bidder or competitor relating to (i) those prices, (ii) the intention to submit a bid, or (iii) the methods or factors used to calculate the prices offered;

(2) The prices in this bid have not been and will not be knowingly disclosed by the bidder, directly or indirectly, to any other bidder or competitor before bid opening (in the case of a sealed bid solicitation) or contract award (in the case of a competitive proposal solicitation) unless otherwise required by law; and

(3) No attempt has been made or will be made by the bidder to induce any other concern to submit or not to submit a bid for the purpose of restricting competition.

(b) Each signature on the bid is considered to be a certification by the signatory that the signatory--

(1) Is the person in the bidder's organization responsible for determining the prices being offered in this bid or proposal, and that the signatory has not participated and will not participate in any action contrary to subparagraphs (a)(1) through (a)(3) above; or

(2) (i) Has been authorized, in writing, to act as agent for the following principals in certifying that those principals have not participated, and will not participate in any action contrary to subparagraphs (a)(1) through (a)(3) above.

[insert full name of person(s) in the bidder's organization responsible for determining the prices offered in this bid or proposal, and the title of his or her position in the bidder's organization];

(ii) As an authorized agent, does certify that the principals named in subdivision (b)(2)(i) above have not participated, and will not participate, in any action contrary to subparagraphs (a)(1) through (a)(3) above; and

(iii) As an agent, has not personally participated, and will not participate in any action contrary to subparagraphs (a)(1) through (a)(3) above.

(c) If the bidder deletes or modifies subparagraph (a)2 above, the bidder must furnish with its bid a signed statement setting forth in detail the circumstances of the disclosure.

[ ] [Contracting Officer check if following paragraph is applicable]

(d) Non-collusive affidavit. (applicable to contracts for construction and equipment exceeding \$50,000)

(1) Each bidder shall execute, in the form provided by the PHA/IHA, an affidavit to the effect that he/she has not colluded with any other person, firm or corporation in regard to any bid submitted in response to this solicitation. If the successful bidder did not submit the affidavit with his/her bid, he/she must submit it within three (3) working days of bid opening. Failure to submit the affidavit by that date may render the bid nonresponsive. No contract award will be made without a properly executed affidavit.

(2) A fully executed "Non-collusive Affidavit" [ ] is, [ ] is not included with the bid.

### 2. Contingent Fee Representation and Agreement

#### (a) Definitions. As used in this provision:

"Bona fide employee" means a person, employed by a bidder and subject to the bidder's supervision and control as to time, place, and manner of performance, who neither exerts, nor proposes to exert improper influence to solicit or obtain contracts nor holds out as being able to obtain any contract(s) through improper influence.

"Improper influence" means any influence that induces or tends to induce a PHA/IHA employee or officer to give consideration or to act regarding a PHA/IHA contract on any basis other than the merits of the matter.

(b) The bidder represents and certifies as part of its bid that, except for full-time bona fide employees working solely for the bidder, the bidder:

(1) [ ] has, [ ] has not employed or retained any person or company to solicit or obtain this contract; and

(2) [ ] has, [ ] has not paid or agreed to pay to any person or company employed or retained to solicit or obtain this contract any commission, percentage, brokerage, or other fee contingent upon or resulting from the award of this contract.

(c) If the answer to either (a)(1) or (a)(2) above is affirmative, the bidder shall make an immediate and full written disclosure to the PHA/IHA Contracting Officer.

(d) Any misrepresentation by the bidder shall give the PHA/IHA the right to (1) terminate the contract; (2) at its discretion, deduct from contract payments the amount of any commission, percentage, brokerage, or other contingent fee; or (3) take other remedy pursuant to the contract.

### 3. Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions (applicable to contracts exceeding \$100,000)

(a) The definitions and prohibitions contained in Section 1352 of title 31, United States Code, are hereby incorporated by reference in paragraph (b) of this certification.

(b) The bidder, by signing its bid, hereby certifies to the best of his or her knowledge and belief as of December 23, 1989 that:

(1) No Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress on his or her behalf in connection with the awarding of a contract resulting from this solicitation;

(2) If any funds other than Federal appropriated funds (including profit or fee received under a covered Federal transaction) have been paid, or will be paid, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress on his or her behalf in connection with this solicitation, the bidder shall complete and submit, with its bid, OMB standard form LLL, "Disclosure of Lobbying Activities;" and

(3) He or she will include the language of this certification in all subcontracts at any tier and require that all recipients of subcontract awards in excess of \$100,000 shall certify and disclose accordingly.

(c) Submission of this certification and disclosure is a prerequisite for making or entering into this contract imposed by section 1352, title 31, United States Code. Any person who makes an expenditure prohibited under this provision or who fails to file or amend the disclosure form to be filed or amended by this provision, shall be subject to a civil penalty of not less than \$10,000, and not more than \$100,000, for each such failure.

(d) Indian tribes (except those chartered by States) and Indian organizations as defined in section 4 of the Indian Self-Determination and Education Assistance Act (25 U.S.C. 450B) are exempt from the requirements of this provision.

#### 4. Organizational Conflicts of Interest Certification

The bidder certifies that to the best of its knowledge and belief and except as otherwise disclosed, he or she does not have any organizational conflict of interest which is defined as a situation in which the nature of work to be performed under this proposed contract and the bidder's organizational, financial, contractual, or other interests may, without some restriction on future activities:

- (a) Result in an unfair competitive advantage to the bidder; or,
- (b) Impair the bidder's objectivity in performing the contract work.

[ ] In the absence of any actual or apparent conflict, I hereby certify that to the best of my knowledge and belief, no actual or apparent conflict of interest exists with regard to my possible performance of this procurement.

#### 5. Bidder's Certification of Eligibility

(a) By the submission of this bid, the bidder certifies that to the best of its knowledge and belief, neither it, nor any person or firm which has an interest in the bidder's firm, nor any of the bidder's subcontractors, is ineligible to:

(1) Be awarded contracts by any agency of the United States Government, HUD, or the State in which this contract is to be performed; or,

(2) Participate in HUD programs pursuant to 24 CFR Part 24.

(b) The certification in paragraph (a) above is a material representation of fact upon which reliance was placed when making award. If it is later determined that the bidder knowingly rendered an erroneous certification, the contract may be terminated for default, and the bidder may be debarred or suspended from participation in HUD programs and other Federal contract programs.

#### 6. Minimum Bid Acceptance Period

(a) "Acceptance period," as used in this provision, means the number of calendar days available to the PHA/IHA for awarding a contract from the date specified in this solicitation for receipt of bids.

(b) This provision supersedes any language pertaining to the acceptance period that may appear elsewhere in this solicitation.

(c) The PHA/IHA requires a minimum acceptance period of [Contracting Officer insert time period] calendar days.

(d) In the space provided immediately below, bidders may specify a longer acceptance period than the PHA's/IHA's minimum requirement. The bidder allows the following acceptance period: calendar days.

(e) A bid allowing less than the PHA's/IHA's minimum acceptance period will be rejected.

(f) The bidder agrees to execute all that it has undertaken to do, in compliance with its bid, if that bid is accepted in writing within (1) the acceptance period stated in paragraph (c) above or (2) any longer acceptance period stated in paragraph (d) above.

#### 7. Small, Minority, Women-Owned Business Concern Representation

The bidder represents and certifies as part of its bid/ offer that it --

(a) [ ] is, [ ] is not a small business concern. "Small business concern," as used in this provision, means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding, and qualified as a small business under the criteria and size standards in 13 CFR 121.

(b) [ ] is, [ ] is not a women-owned business enterprise. "Women-owned business enterprise," as used in this provision, means a business that is at least 51 percent owned by a woman or women who are U.S. citizens and who also control and operate the business.

(c) [ ] is, [ ] is not a minority business enterprise. "Minority business enterprise," as used in this provision, means a business which is at least 51 percent owned or controlled by one or more minority group members or, in the case of a publicly owned business, at least 51 percent of its voting stock is owned by one or more minority group members, and whose management and daily operations are controlled by one or more such individuals. For the purpose of this definition, minority group members are:

(Check the block applicable to you)

- |                        |                              |
|------------------------|------------------------------|
| [ ] Black Americans    | [ ] Asian Pacific Americans  |
| [ ] Hispanic Americans | [ ] Asian Indian Americans   |
| [ ] Native Americans   | [ ] Hasidic Jewish Americans |

#### 8. Indian-Owned Economic Enterprise and Indian Organization Representation (applicable only if this solicitation is for a contract to be performed on a project for an Indian Housing Authority)

The bidder represents and certifies that it:

(a) [ ] is, [ ] is not an Indian-owned economic enterprise. "Economic enterprise," as used in this provision, means any commercial, industrial, or business activity established or organized for the purpose of profit, which is at least 51 percent Indian owned. "Indian," as used in this provision, means any person who is a member of any tribe, band, group, pueblo, or community which is recognized by the Federal Government as eligible for services from the Bureau of Indian Affairs and any "Native" as defined in the Alaska Native Claims Settlement Act.

(b) [ ] is, [ ] is not an Indian organization. "Indian organization," as used in this provision, means the governing body of any Indian tribe or entity established or recognized by such governing body. Indian "tribe" means any Indian tribe, band, group, pueblo, or

community including Native villages and Native groups (including corporations organized by Kenai, Juneau, Sitka, and Kodiak) as defined in the Alaska Native Claims Settlement Act, which is recognized by the Federal Government as eligible for services from the Bureau of Indian Affairs.

**9. Certification of Eligibility Under the Davis-Bacon Act** (applicable to construction contracts exceeding \$2,000)

(a) By the submission of this bid, the bidder certifies that neither it nor any person or firm who has an interest in the bidder's firm is a person or firm ineligible to be awarded contracts by the United States Government by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(b) No part of the contract resulting from this solicitation shall be subcontracted to any person or firm ineligible to be awarded contracts by the United States Government by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(c) The penalty for making false statements is prescribed in the U. S. Criminal Code, 18 U.S.C. 1001.

**10. Certification of Nonsegregated Facilities** (applicable to contracts exceeding \$10,000)

(a) The bidder's attention is called to the clause entitled **Equal Employment Opportunity** of the General Conditions of the Contract for Construction.

(b) "Segregated facilities," as used in this provision, means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees, that are segregated by explicit directive or are in fact segregated on the basis of race, color, religion, or national origin because of habit, local custom, or otherwise.

(c) By the submission of this bid, the bidder certifies that it does not and will not maintain or provide for its employees any segregated facilities at any of its establishments, and that it does not and will not permit its employees to perform their services at any location under its control where segregated facilities are maintained. The bidder agrees that a breach of this certification is a violation of the Equal Employment Opportunity clause in the contract.

(d) The bidder further agrees that (except where it has obtained identical certifications from proposed subcontractors for specific time periods) prior to entering into subcontracts which exceed \$10,000 and are not exempt from the requirements of the Equal Employment Opportunity clause, it will:

(1) Obtain identical certifications from the proposed subcontractors;

(2) Retain the certifications in its files; and

(3) Forward the following notice to the proposed subcontractors (except if the proposed subcontractors have submitted identical certifications for specific time periods):

**Notice to Prospective Subcontractors of Requirement for Certifications of Nonsegregated Facilities**

A Certification of Nonsegregated Facilities must be submitted before the award of a subcontract exceeding \$10,000 which is not exempt from the provisions of the Equal Employment Opportunity clause of the prime contract. The certification may be submitted either for each subcontract or for all subcontracts during a period (i.e., quarterly, semiannually, or annually).

**Note:** The penalty for making false statements in bids is prescribed in 18 U.S.C. 1001.

**11. Clean Air and Water Certification** (applicable to contracts exceeding \$100,000)

The bidder certifies that:

(a) Any facility to be used in the performance of this contract [ ] is, [ ] is not listed on the Environmental Protection Agency List of Violating Facilities:

(b) The bidder will immediately notify the PHA/IHA Contracting Officer, before award, of the receipt of any communication from the Administrator, or a designee, of the Environmental Protection Agency, indicating that any facility that the bidder proposes to use for the performance of the contract is under consideration to be listed on the EPA List of Violating Facilities; and,

(c) The bidder will include a certification substantially the same as this certification, including this paragraph (c), in every nonexempt subcontract.

**12. Previous Participation Certificate** (applicable to construction and equipment contracts exceeding \$50,000)

(a) The bidder shall complete and submit with his/her bid the Form HUD-2530, "Previous Participation Certificate." If the successful bidder does not submit the certificate with his/her bid, he/she must submit it within three (3) working days of bid opening. Failure to submit the certificate by that date may render the bid nonresponsive. No contract award will be made without a properly executed certificate.

(b) A fully executed "Previous Participation Certificate" [ ] is, [ ] is not included with the bid.

**13. Bidder's Signature**

The bidder hereby certifies that the information contained in these certifications and representations is accurate, complete, and current.

\_\_\_\_\_  
(Signature and Date)

\_\_\_\_\_  
(Typed or Printed Name)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Company Name)

\_\_\_\_\_  
(Company Address)

**US Department of Housing and Urban Development**

Office of Housing/Federal Housing Commissioner

**US Department of Agriculture**

Farmers Home Administration

<b>Part I to be completed by Controlling Participant(s) of Covered Projects</b> (See instructions)		<b>For HUD HQ/FmHA use only</b>	
Reason for submission:			
1. Agency name and City where the application is filed		2. Project Name, Project Number, City and Zip Code	
3. Loan or Contract amount \$	4. Number of Units or Beds	5. Section of Act	6. Type of Project (check one) <input type="checkbox"/> Existing <input type="checkbox"/> Rehabilitation <input type="checkbox"/> Proposed (New)

**7. List all proposed Controlling Participants and attach complete organization chart for all organizations showing ownership %**

Name and address ( Last, First, Middle Initial) of controlling participant(s) proposing to participate	8 Role of Each Principal in Project	9. SSN or IRS Employer Number (TIN)

Certifications: The controlling participants(s) listed above hereby apply to HUD or USDA FmHA, as the case maybe, for approval to participate as controlling participant(s) in the role(s) and project listed above. The controlling participant(s) certify that the information provided on this form and in any accompanying documentation is true and accurate. I/we acknowledge that making, presenting, or submitting a false, fictitious, or fraudulent statement, representation, or certification may result in criminal, civil, and/or administrative sanctions, including fines, penalties, and imprisonment. The controlling participants(s) further certify to the truth and accuracy of the following:

1. Schedule A contains a listing, for the last ten years, of every project assisted or insured by HUD, USDA FmHA and/or State and local government housing finance agencies in which the controlling participant(s) have participated or are now participating.
2. For the period beginning 10 years prior to the date of this certification, and except as shown on the certification:
  - a. No mortgage on a project listed has ever been in default, assigned to the Government or foreclosed, nor has it received mortgage relief from the mortgagee;
  - b. The controlling participants have no defaults or noncompliance under any Conventional Contract or Turnkey Contract of Sale in connection with a public housing project;
  - c. There are no known unresolved findings as a result of HUD audits, management reviews or other Governmental investigations concerning the controlling participants or their projects;
  - d. There has not been a suspension or termination of payments under any HUD assistance contract due to the controlling participant's fault or negligence;
  - e. The controlling participants have not been convicted of a felony and are not presently the subject of a complaint or indictment charging a felony. (A felony is defined as any offense punishable by imprisonment for a term exceeding one year, but does not include any offense classified as a misdemeanor under the laws of a State and punishable by imprisonment of two years or less);
  - f. The controlling participants have not been suspended, debarred or otherwise restricted by any Department or Agency of the Federal Government or of a State Government from doing business with such Department or Agency;
  - g. The controlling participants have not defaulted on an obligation covered by a surety or performance bond and have not been the subject of a claim under an employee fidelity bond;
3. All the names of the controlling participants who propose to participate in this project are listed above.
4. None of the controlling participants is a HUD/FmHA employee or a member of a HUD/FmHA employee's immediate household as defined in Standards of Ethical Conduct for Employees of the Executive Branch in 5 C.F.R. Part 2635 (57 FR 35006) and HUD's Standard of Conduct in 24 C.F.R. Part 0 and USDA's Standard of Conduct in 7 C.F.R. Part 0 Subpart B.
5. None of the controlling participants is a participant in an assisted or insured project as of this date on which construction has stopped for a period in excess of 20 days or which has been substantially completed for more than 90 days and documents for closing, including final cost certification, have not been filed with HUD or FmHA.
6. None of the controlling participants have been found by HUD or FmHA to be in noncompliance with any applicable fair housing and civil rights requirements in 24 CFR 5.105(a). (If any controlling participants have been found to be in noncompliance with any requirements, attach a signed statement explaining the relevant facts, circumstances, and resolution, if any).
7. None of the controlling participants is a Member of Congress or a Resident Commissioner nor otherwise prohibited or limited by law from contracting with the Government of the United States of America.
8. Statements above (if any) to which the controlling participant(s) cannot certify have been deleted by striking through the words with a pen, and the controlling participant(s) have initialed each deletion (if any) and have attached a true and accurate signed statement (if applicable) to explain the facts and circumstances.

<b>Name of Controlling Participant</b>	<b>Signature of Controlling Participant</b>	<b>Certification Date (mm/dd/yyyy)</b>	<b>Area Code and Tel. No.</b>
<b>This form prepared by (print name)</b>		<b>Area Code and Tel. No.</b>	

**Schedule A: List of Previous Projects and Section 8 Contracts.** Below is a complete list of the controlling participants' previous participation projects and participation history in covered projects as per 24 CFR, part 200 §200.214 and multifamily Housing programs of FmHA, State and local Housing Finance Agencies, if applicable. **Note:** Read and follow the instruction sheet carefully. Make full disclosure. Add extra sheets if you need more space. Double check for accuracy. If no previous projects, write by your name, **"No previous participation, First Experience"**.

1. Controlling Participants' Name (Last, First)	2. List of previous projects (Project name, project ID and, Govt. agency involved)	3. List Participants' Role(s) (indicate dates participated, and if fee or identity of interest participant)	4. Status of loan (current, defaulted, assigned, foreclosed)	5. Was the Project ever in default during your participation <b>Yes No If yes, explain</b>		6. Last MOR rating and Physical Insp. Score and date

### Part II- For HUD Internal Processing Only

Received and checked by me for accuracy and completeness; recommend approval or refer to Headquarters after checking appropriate box.

Date (mm/dd/yyyy)	Tel No. and area code	<input type="checkbox"/> A. No adverse information; form HUD-2530 approval recommended. <input type="checkbox"/> B. Name match in system <input type="checkbox"/> C. Disclosure or Certification problem <input type="checkbox"/> D. Other (attach memorandum)
Staff	Processing and Control	
Signature of authorized reviewer		Signature of authorized reviewer Approved <input type="checkbox"/> Yes <input type="checkbox"/> No
		Date (mm/dd/yyyy)

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## Instructions for Completing the Previous Participation Certificate, form HUD-2530

Carefully read these instructions and the applicable regulations. A copy of the regulations published at 24 C.F.R. part 200, subpart H, § 200.210-200.222 can be obtained on-line at [www.gpo.gov](http://www.gpo.gov) and from the Account Executive at any HUD Office. Type or print neatly in ink when filling out this form. Incomplete form will be returned to the applicant.

Attach extra sheets as you need them. Be sure to indicate "Continued on Attachments" wherever appropriate. Sign each additional page that you attach if it refers to you or your record. **Carefully read the certification before you sign it.** Any questions regarding the form or how to complete it can be answered by your HUD Account Executive.

**Purpose:** This form provides HUD/USDA FmHA with a certified report of all previous participation in relevant HUD/USDA programs by those parties submitting the application. The information requested in this form is used by HUD/USDA to determine if you meet the standards established to ensure that all controlling participants in HUD/USDA projects will honor their legal, financial and contractual obligations and are of acceptable risks from the underwriting standpoint of an insurer, lender or governmental agency. HUD requires that you certify and submit your record of previous participation, in relevant projects, by completing and signing this form, before your participation can be approved.

*HUD approval of your certification is a necessary precondition for your participation in the project and in the capacity that you propose. If you do not file this certification, do not furnish the information requested accurately, or do not meet established standards, HUD will not approve your certification.*

*Note that approval of your certification does not obligate HUD to approve your project application, and it does not satisfy all other HUD program requirements relative to your qualifications.*

**Who Must Sign and File Form HUD-2530:** Form HUD-2530 must be completed and signed by all Controlling Participants of Covered Projects, as such terms are defined in 24 CFR part 200 §200.212, and as further clarified by the Processing Guide (HUD notice H 2016-15) referenced in 24 CFR §200.210(b) and available on the HUD website at: [http://portal.hud.gov/hudportal/HUD?src=/program\\_offices/housing/mfh/prevparticipation](http://portal.hud.gov/hudportal/HUD?src=/program_offices/housing/mfh/prevparticipation).

**Where and When Form HUD-2530 Must Be Filed:** The original of this form must be submitted to the HUD Office where your project application will be processed at the same time you file your initial project application. This form must be filed with applications for projects listed in 24 CFR §200.214 and for the Triggering Events listed at 24 CFR §200.218.

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**Review of Adverse Determination:** If approval of your participation in a HUD project is denied, withheld, or conditionally granted on the basis of your record of previous participation, you will be notified by the HUD Office. You may request reconsideration in accordance with 24 CFR §200.222 and further clarified by the Processing Guide. Request must be made in writing within 30 days from your receipt of the notice of determination.

The Department of Housing and Urban Development (HUD) is authorized to collect this information by law 42 U.S.C. 3535(d) and by regulation at 24 CFR 200.210. This information is needed so that principals applying to participate in multifamily programs can become HUD-approved controlling participants. The information you provide will enable HUD to evaluate your record with respect to established standards of performance, responsibility and eligibility. Without prior approval, a controlling participant may not participate in a proposed or existing multifamily or healthcare project. HUD uses this information to evaluate whether or not controlling participants pose an unsatisfactory underwriting risk. The information is used to evaluate the potential controlling participants and approve only individuals and organizations that will honor their legal, financial and contractual obligations.

**Privacy Act Statement:** The Housing and Community Development Act of 1987, 42 U.S.C. 3543 requires persons applying for a Federally-insured or guaranteed loan to furnish his/her Social Security Number (SSN). HUD must have your SSN for identification of your records. HUD may use your SSN for automated processing of your records and to make requests for information about you and your previous records with other public agencies and private sector sources. HUD may disclose certain information to Federal, State and local agencies when relevant to civil, criminal, or regulatory investigations and prosecutions. It will not be otherwise disclosed or released outside of HUD, except as required and permitted by law. You must provide all of the information requested in this application, including your SSN.

**Public reporting burden** for this collection of information is estimated to average three hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This agency may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

A response is mandatory. Failure to provide any of the information will result in your disapproval of participation in this HUD program.



Attachment H IFB 23-02  
**U.S. Department of Housing and  
Urban Development**  
Office of Public and Indian Housing

**Instructions to Bidders for Contracts  
Public and Indian Housing Programs**

# Instructions to Bidders for Contracts

## Public and Indian Housing Programs

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### 1. Bid Preparation and Submission

(a) Bidders are expected to examine the specifications, drawings, all instructions, and, if applicable, the construction site (see also the contract clause entitled **Site Investigation and Conditions Affecting the Work** of the *General Conditions of the Contract for Construction*). Failure to do so will be at the bidders' risk.

(b) All bids must be submitted on the forms provided by the Public Housing Agency/Indian Housing Authority (PHA/IHA). Bidders shall furnish all the information required by the solicitation. Bids must be signed and the bidder's name typed or printed on the bid sheet and each continuation sheet which requires the entry of information by the bidder. Erasures or other changes must be initialed by the person signing the bid. Bids signed by an agent shall be accompanied by evidence of that agent's authority. (Bidders should retain a copy of their bid for their records.)

(c) Bidders must submit as part of their bid a completed form HUD-5369-A, "Representations, Certifications, and Other Statements of Bidders."

(d) All bid documents shall be sealed in an envelope which shall be clearly marked with the words "Bid Documents," the Invitation for Bids (IFB) number, any project or other identifying number, the bidder's name, and the date and time for receipt of bids.

(e) If this solicitation requires bidding on all items, failure to do so will disqualify the bid. If bidding on all items is not required, bidders should insert the words "No Bid" in the space provided for any item on which no price is submitted.

(f) Unless expressly authorized elsewhere in this solicitation, alternate bids will not be considered.

(g) Unless expressly authorized elsewhere in this solicitation, bids submitted by telegraph or facsimile (fax) machines will not be considered.

(h) If the proposed contract is for a Mutual Help project (as described in 24 CFR Part 905, Subpart E) that involves Mutual Help contributions of work, material, or equipment, supplemental information regarding the bid advertisement is provided as an attachment to this solicitation.

### 2. Explanations and Interpretations to Prospective Bidders

(a) Any prospective bidder desiring an explanation or interpretation of the solicitation, specifications, drawings, etc., must request it at least 7 days before the scheduled time for bid opening. Requests may be oral or written. Oral requests must be confirmed in writing. The only oral clarifications that will be provided will be those clearly related to solicitation procedures, i.e., not substantive technical information. No other oral explanation or interpretation will be provided. Any information given a prospective bidder concerning this solicitation will be furnished promptly to all other prospective bidders as a written amendment to the solicitation, if that information is necessary in submitting bids, or if the lack of it would be prejudicial to other prospective bidders.

(b) Any information obtained by, or provided to, a bidder other than by formal amendment to the solicitation shall not constitute a change to the solicitation.

### 3. Amendments to Invitations for Bids

(a) If this solicitation is amended, then all terms and conditions which are not modified remain unchanged.

(b) Bidders shall acknowledge receipt of any amendment to this solicitation (1) by signing and returning the amendment, (2) by identifying the amendment number and date on the bid form, or (3) by letter, telegram, or facsimile, if those methods are authorized in the solicitation. The PHA/IHA must receive acknowledgement by the time and at the place specified for receipt of bids. Bids which fail to acknowledge the bidder's receipt of any amendment will result in the rejection of the bid if the amendment(s) contained information which substantively changed the PHA's/IHA's requirements.

(c) Amendments will be on file in the offices of the PHA/IHA and the Architect at least 7 days before bid opening.

### 4. Responsibility of Prospective Contractor

(a) The PHA/IHA will award contracts only to responsible prospective contractors who have the ability to perform successfully under the terms and conditions of the proposed contract. In determining the responsibility of a bidder, the PHA/IHA will consider such matters as the bidder's:

- (1) Integrity;
- (2) Compliance with public policy;
- (3) Record of past performance; and
- (4) Financial and technical resources (including construction and technical equipment).

(b) Before a bid is considered for award, the bidder may be requested by the PHA/IHA to submit a statement or other documentation regarding any of the items in paragraph (a) above. Failure by the bidder to provide such additional information shall render the bidder nonresponsible and ineligible for award.

## 5. Late Submissions, Modifications, and Withdrawal of Bids

(a) Any bid received at the place designated in the solicitation after the exact time specified for receipt will not be considered unless it is received before award is made and it:

(1) Was sent by registered or certified mail not later than the fifth calendar day before the date specified for receipt of offers (e.g., an offer submitted in response to a solicitation requiring receipt of offers by the 20th of the month must have been mailed by the 15th);

(2) Was sent by mail, or if authorized by the solicitation, was sent by telegram or via facsimile, and it is determined by the PHA/IHA that the late receipt was due solely to mishandling by the PHA/IHA after receipt at the PHA/IHA; or

(3) Was sent by U.S. Postal Service Express Mail Next Day Service - Post Office to Addressee, not later than 5:00 p.m. at the place of mailing two working days prior to the date specified for receipt of proposals. The term "working days" excludes weekends and observed holidays.

(b) Any modification or withdrawal of a bid is subject to the same conditions as in paragraph (a) of this provision.

(c) The only acceptable evidence to establish the date of mailing of a late bid, modification, or withdrawal sent either by registered or certified mail is the U.S. or Canadian Postal Service postmark both on the envelope or wrapper and on the original receipt from the U.S. or Canadian Postal Service. Both postmarks must show a legible date or the bid, modification, or withdrawal shall be processed as if mailed late. "Postmark" means a printed, stamped, or otherwise placed impression (exclusive of a postage meter machine impression) that is readily identifiable without further action as having been supplied and affixed by employees of the U.S. or Canadian Postal Service on the date of mailing. Therefore, bidders should request the postal clerk to place a hand cancellation bull's-eye postmark on both the receipt and the envelope or wrapper.

(d) The only acceptable evidence to establish the time of receipt at the PHA/IHA is the time/date stamp of PHA/IHA on the proposal wrapper or other documentary evidence of receipt maintained by the PHA/IHA.

(e) The only acceptable evidence to establish the date of mailing of a late bid, modification, or withdrawal sent by Express Mail Next Day Service-Post Office to Addressee is the date entered by the post office receiving clerk on the "Express Mail Next Day Service-Post Office to Addressee" label and the postmark on both the envelope or wrapper and on the original receipt from the U.S. Postal Service. "Postmark" has the same meaning as defined in paragraph (c) of this provision, excluding postmarks of the Canadian Postal Service. Therefore, bidders should request the postal clerk to place a legible hand cancellation bull's eye postmark on both the receipt and Failure by a bidder to acknowledge receipt of the envelope or wrapper.

(f) Notwithstanding paragraph (a) of this provision, a late modification of an otherwise successful bid that makes its terms more favorable to the PHA/IHA will be considered at any time it is received and may be accepted.

(g) Bids may be withdrawn by written notice, or if authorized by this solicitation, by telegram (including mailgram) or facsimile machine transmission received at any time before the exact time set for opening of bids; provided that written confirmation of telegraphic or facsimile withdrawals over the signature of the bidder is mailed and postmarked prior to the specified bid opening time. A bid may be withdrawn in person by a bidder or its authorized representative if, before the exact time set for opening of bids, the identity of the person requesting withdrawal is established and the person signs a receipt for the bid.

## 6. Bid Opening

All bids received by the date and time of receipt specified in the solicitation will be publicly opened and read. The time and place of opening will be as specified in the solicitation. Bidders and other interested persons may be present.

## 7. Service of Protest

(a) Definitions. As used in this provision:

"Interested party" means an actual or prospective bidder whose direct economic interest would be affected by the award of the contract.

"Protest" means a written objection by an interested party to this solicitation or to a proposed or actual award of a contract pursuant to this solicitation.

(b) Protests shall be served on the Contracting Officer by obtaining written and dated acknowledgement from —

Austin Y. Crotts, MA.

Procurement Manager

Houston Housing Authority

2640 Fountain View Drive

Houston, Texas 77057

[Contracting Officer designate the official or location where a protest may be served on the Contracting Officer]

(c) All protests shall be resolved in accordance with the PHA's/IHA's protest policy and procedures, copies of which are maintained at the PHA/IHA.

## 8. Contract Award

(a) The PHA/IHA will evaluate bids in response to this solicitation without discussions and will award a contract to the responsible bidder whose bid, conforming to the solicitation, will be most advantageous to the PHA/IHA considering only price and any price-related factors specified in the solicitation.

(b) If the apparent low bid received in response to this solicitation exceeds the PHA's/IHA's available funding for the proposed contract work, the PHA/IHA may either accept separately priced items (see 8(e) below) or use the following procedure to determine contract award. The PHA/IHA shall apply in turn to each bid (proceeding in order from the apparent low bid to the high bid) each of the separately priced bid deductible items, if any, in their priority order set forth in this solicitation. If upon the application of the first deductible item to all initial bids, a new low bid is within the PHA's/IHA's available funding, then award shall be made to that bidder. If no bid is within the available funding amount, then the PHA/IHA shall apply the second deductible item. The PHA/IHA shall continue this process until an evaluated low bid, if any, is within the PHA's/IHA's available funding. If upon the application of all deductibles, no bid is within the PHA's/IHA's available funding, or if the solicitation does not request separately priced deductibles, the PHA/IHA shall follow its written policy and procedures in making any award under this solicitation.

(c) In the case of tie low bids, award shall be made in accordance with the PHA's/IHA's written policy and procedures.

(d) The PHA/IHA may reject any and all bids, accept other than the lowest bid (e.g., the apparent low bid is unreasonably low), and waive informalities or minor irregularities in bids received, in accordance with the PHA's/IHA's written policy and procedures.

(e) Unless precluded elsewhere in the solicitation, the PHA/IHA may accept any item or combination of items bid.

(f) The PHA/IHA may reject any bid as nonresponsive if it is materially unbalanced as to the prices for the various items of work to be performed. A bid is materially unbalanced when it is based on prices significantly less than cost for some work and prices which are significantly overstated for other work.

(g) A written award shall be furnished to the successful bidder within the period for acceptance specified in the bid and shall result in a binding contract without further action by either party.

#### **9. Bid Guarantee (applicable to construction and equipment contracts exceeding \$25,000)**

All bids must be accompanied by a negotiable bid guarantee which shall not be less than five percent (5%) of the amount of the bid. The bid guarantee may be a certified check, bank draft, U.S. Government Bonds at par value, or a bid bond secured by a surety company acceptable to the U.S. Government and authorized to do business in the state where the work is to be performed. In the case where the work under the contract will be performed on an Indian reservation area, the bid guarantee may also be an irrevocable Letter of Credit (see provision 10, Assurance of Completion, below). Certified checks and bank drafts must be made payable to the order of the PHA/IHA. The bid guarantee shall insure the execution of the contract and the furnishing of a method of assurance of completion by the successful bidder as required by the solicitation. Failure to submit a bid guarantee with the bid shall result in the rejection of the bid. Bid guarantees submitted by unsuccessful bidders will be returned as soon as practicable after bid opening.

#### **10. Assurance of Completion**

(a) Unless otherwise provided in State law, the successful bidder shall furnish an assurance of completion prior to the execution of any contract under this solicitation. This assurance may be [Contracting Officer check applicable items] —

☒ (1) a performance and payment bond in a penal sum of 100 percent of the contract price; or, as may be required or permitted by State law;

☐ (2) separate performance and payment bonds, each for 50 percent or more of the contract price;

☐ (3) a 20 percent cash escrow;

☐ (4) a 25 percent irrevocable letter of credit; or,

☐ (5) an irrevocable letter of credit for 10 percent of the total contract price with a monitoring and disbursements agreement with the IHA (applicable only to contracts awarded by an IHA under the Indian Housing Program).

(b) Bonds must be obtained from guarantee or surety companies acceptable to the U.S. Government and authorized to do business in the state where the work is to be performed. Individual sureties will not be considered. U.S. Treasury Circular Number 570, published annually in the Federal Register, lists companies approved to act as sureties on bonds securing Government contracts, the maximum underwriting limits on each contract bonded, and the States in which the company is licensed to do business. Use of companies listed in this circular is mandatory. Copies of the circular may be downloaded on the U.S. Department of Treasury website <http://www.fms.treas.gov/c570/index.html>, or ordered for a minimum fee by contacting the Government Printing Office at (202) 512-2168.

(c) Each bond shall clearly state the rate of premium and the total amount of premium charged. The current power of attorney for the person who signs for the surety company must be attached to the bond. The effective date of the power of attorney shall not precede the date of the bond. The effective date of the bond shall be on or after the execution date of the contract.

(d) Failure by the successful bidder to obtain the required assurance of completion within the time specified, or within such extended period as the PHA/IHA may grant based upon reasons determined adequate by the PHA/IHA, shall render the bidder ineligible for award. The PHA/IHA may then either award the contract to the next lowest responsible bidder or solicit new bids. The PHA/IHA may retain the ineligible bidder's bid guarantee.

#### **11. Preconstruction Conference (applicable to construction contracts)**

After award of a contract under this solicitation and prior to the start of work, the successful bidder will be required to attend a preconstruction conference with representatives of the PHA/IHA and its architect/engineer, and other interested parties convened by the PHA/IHA. The conference will serve to acquaint the participants with the general plan of the construction operation and all other requirements of the contract (e.g., Equal Employment Opportunity, Labor Standards). The PHA/IHA will provide the successful bidder with the date, time, and place of the conference.

#### **12. Indian Preference Requirements (applicable only if this solicitation is for a contract to be performed on a project for an Indian Housing Authority)**

(a) HUD has determined that the contract awarded under this solicitation is subject to the requirements of section 7(b) of the Indian Self-Determination and Education Assistance Act (25 U.S.C. 450e(b)). Section 7(b) requires that any contract or subcontract entered into for the benefit of Indians shall require that, to the greatest extent feasible

(1) Preferences and opportunities for training and employment (other than core crew positions; see paragraph (h) below) in connection with the administration of such contracts or subcontracts be given to qualified "Indians." The Act defines "Indians" to mean persons who are members of an Indian tribe and defines "Indian tribe" to mean any Indian tribe, band, nation, or other organized group or community, including any Alaska Native village or regional or village corporation as defined in or established pursuant to the Alaska Native Claims Settlement Act, which is recognized as eligible for the special programs and services provided by the United States to Indians because of their status as Indians; and,

(2) Preference in the award of contracts or subcontracts in connection with the administration of contracts be given to Indian organizations and to Indian-owned economic enterprises, as defined in section 3 of the Indian Financing Act of 1974 (25 U.S.C. 1452). That Act defines "economic enterprise" to mean any Indian-owned commercial, industrial, or business activity established or organized for the purpose of profit, except that the Indian ownership must constitute not less than 51 percent of the enterprise; "Indian organization" to mean the governing body of any Indian tribe or entity established or recognized by such governing body; "Indian" to mean any person who is a member of any tribe, band, group, pueblo, or community which is recognized by the Federal Government as eligible for services from the Bureau of Indian Affairs and any "Native" as defined in the Alaska Native Claims Settlement Act; and Indian "tribe" to mean any Indian tribe, band, group, pueblo, or community including Native villages and Native groups (including

corporations organized by Kenai, Juneau, Sitka, and Kodiak) as defined in the Alaska Native Claims Settlement Act, which is recognized by the Federal Government as eligible for services from the Bureau of Indian Affairs.

(b) (1) The successful Contractor under this solicitation shall comply with the requirements of this provision in awarding all subcontracts under the contract and in providing training and employment opportunities.

(2) A finding by the IHA that the contractor, either (i) awarded a subcontract without using the procedure required by the IHA, (ii) falsely represented that subcontracts would be awarded to Indian enterprises or organizations; or, (iii) failed to comply with the contractor's employment and training preference bid statement shall be grounds for termination of the contract or for the assessment of penalties or other remedies.

(c) If specified elsewhere in this solicitation, the IHA may restrict the solicitation to qualified Indian-owned enterprises and Indian organizations. If two or more (or a greater number as specified elsewhere in the solicitation) qualified Indian-owned enterprises or organizations submit responsive bids, award shall be made to the qualified enterprise or organization with the lowest responsive bid. If fewer than the minimum required number of qualified Indian-owned enterprises or organizations submit responsive bids, the IHA shall reject all bids and readvertise the solicitation in accordance with paragraph (d) below.

(d) If the IHA prefers not to restrict the solicitation as described in paragraph (c) above, or if after having restricted a solicitation an insufficient number of qualified Indian enterprises or organizations submit bids, the IHA may advertise for bids from non-Indian as well as Indian-owned enterprises and Indian organizations. Award shall be made to the qualified Indian enterprise or organization with the lowest responsive bid if that bid is -

(1) Within the maximum HUD-approved budget amount established for the specific project or activity for which bids are being solicited; and

(2) No more than the percentage specified in 24 CFR 905.175(c) higher than the total bid price of the lowest responsive bid from any qualified bidder. If no responsive bid by a qualified Indian-owned economic enterprise or organization is within the stated range of the total bid price of the lowest responsive bid from any qualified enterprise, award shall be made to the bidder with the lowest bid.

(e) Bidders seeking to qualify for preference in contracting or subcontracting shall submit proof of Indian ownership with their bids. Proof of Indian ownership shall include but not be limited to:

(1) Certification by a tribe or other evidence that the bidder is an Indian. The IHA shall accept the certification of a tribe that an individual is a member.

(2) Evidence such as stock ownership, structure, management, control, financing and salary or profit sharing arrangements of the enterprise.

(f) (1) All bidders must submit with their bids a statement describing how they will provide Indian preference in the award of subcontracts. The specific requirements of that statement and the factors to be used by the IHA in determining the statement's adequacy are included as an attachment to this solicitation. Any bid that fails to include the required statement shall be rejected as nonresponsive. The IHA may require that comparable statements be provided by subcontractors to the successful Contractor, and may require the Contractor to reject any bid or proposal by a subcontractor that fails to include the statement.

(2) Bidders and prospective subcontractors shall submit a certification (supported by credible evidence) to the IHA in any instance where the bidder or subcontractor believes it is infeasible to provide Indian preference in subcontracting. The acceptance or rejection by the IHA of the certification shall be final. Rejection shall disqualify the bid from further consideration.

(g) All bidders must submit with their bids a statement detailing their employment and training opportunities and their plans to provide preference to Indians in implementing the contract; and the number or percentage of Indians anticipated to be employed and trained. Comparable statements from all proposed subcontractors must be submitted. The criteria to be used by the IHA in determining the statement(s)'s adequacy are included as an attachment to this solicitation. Any bid that fails to include the required statement(s), or that includes a statement that does not meet minimum standards required by the IHA shall be rejected as nonresponsive.

(h) Core crew employees. A core crew employee is an individual who is a bona fide employee of the contractor at the time the bid is submitted; or an individual who was not employed by the bidder at the time the bid was submitted, but who is regularly employed by the bidder in a supervisory or other key skilled position when work is available. Bidders shall submit with their bids a list of all core crew employees.

(i) Preference in contracting, subcontracting, employment, and training shall apply not only on-site, on the reservation, or within the IHA's jurisdiction, but also to contracts with firms that operate outside these areas (e.g., employment in modular or manufactured housing construction facilities).

(j) Bidders should contact the IHA to determine if any additional local preference requirements are applicable to this solicitation.

(k) The IHA [ ] does [X] does not [Contracting Officer check applicable box] maintain lists of Indian-owned economic enterprises and Indian organizations by specialty (e.g., plumbing, electrical, foundations), which are available to bidders to assist them in meeting their responsibility to provide preference in connection with the administration of contracts and subcontracts.

# General Contract Conditions for Small Construction/Development Contracts

U.S. Department of Housing and Urban Development  
Office of Public and Indian Housing  
OMB Approval No. 2577-0157 (exp. 11/30/2023)

## See Page 7 for Burden Statement

**Applicability.** The following contract clauses are applicable and must be inserted into **small construction/development contracts, greater than \$2,000 but not more than \$250,000.**

### 1. Definitions

Terms used in this form are the same as defined in form HUD-5370

### 2. Prohibition Against Liens

The Contractor is prohibited from placing a lien on the PHA's property. This prohibition shall apply to all subcontractors at any tier and all materials suppliers. The only liens on the PHA's property shall be the Declaration of Trust or other liens approved by HUD.

### 3. Disputes

- (a) Except for disputes arising under the **Labor Standards** clauses, all disputes arising under or relating to this contract, including any claims for damages for the alleged breach thereof which are not disposed of by agreement, shall be resolved under this clause.
- (b) All claims by the Contractor shall be made in writing and submitted to the Contracting Officer for a written decision. A claim by the PHA against the Contractor shall be subject to a written decision by the Contracting Officer.
- (c) The Contracting Officer shall, within 30 days after receipt of the request, decide the claim or notify the Contractor of the date by which the decision will be made.
- (d) The Contracting Officer's decision shall be final unless the Contractor (1) appeals in writing to a higher level in the PHA in accordance with the PHA's policy and procedures, (2) refers the appeal to an independent mediator or arbitrator, or (3) files suit in a court of competent jurisdiction. Such appeal must be made within 30 days after receipt of the Contracting Officer's decision.
- (e) The Contractor shall proceed diligently with performance of this contract, pending final resolution of any request for relief, claim, appeal, or action arising under or relating to the contract, and comply with any decision of the Contracting Officer.

### 4. Default

- (a) If the Contractor refuses or fails to prosecute the work, or any separable part thereof, with the diligence that will insure its completion within the time specified in this contract, or any extension thereof, or fails to complete said work within this time, the Contracting Officer may, by written notice to the Contractor, terminate the right to proceed with the work (or separable part of the work) that has been delayed. In the event, the PHA may take over the work and complete it by contract or otherwise, and may take possession of and use any materials, equipment, and plant on the work site necessary for completing the work. The Contractor and its sureties shall be liable for any damage to the PHA resulting from the Contractor's refusal or failure to complete the work within the specified time, whether or not the Contractor's right to proceed with the work is terminated. This liability includes any increased costs incurred

- (b) The Contractor's right to proceed shall not be terminated or the Contractor charged with damages under this clause if —
  - (1) The delay in completing the work arises from unforeseeable causes beyond the control and without the fault or negligence of the Contractor; and
  - (2) The Contractor, within 10 days from the beginning of such delay notifies the Contracting Officer in writing of the causes of delay. The Contracting Officer shall ascertain the facts and the extent of the delay. If, in the judgment of the Contracting Officer, the findings of Fact warrant such action, time for completing the work shall be extended by written modification to the contract. The findings of the Contracting Officer shall be reduced to a written decision which shall be subject to the provisions of the **Disputes** clause of this contract
- (c) If, after termination of the Contractor's right to proceed, it is determined that the Contractor was not in default, or that the delay was excusable, the rights and obligation of the parties will be the same as if the termination had been for convenience of the PHA.

### 5. Termination for Convenience

- (a) The Contracting Officer may terminate this contract in whole, or in part, whenever the Contracting Officer determines that such termination is in the best interest of the PHA. Any such termination shall be effected by delivery to the Contractor of a Notice of Termination specifying the extent to which the performance of the work under the contract is terminated, and the date upon which such termination becomes effective.
- (b) If the performance of the work is terminated, either in whole or in part, the PHA shall be liable to the Contractor for reasonable and proper costs resulting from such termination upon the receipt by the PHA of a properly presented claim setting out in detail: (1) the total cost of the work performed to date of termination less the total amount of contract payments made to the Contractor; (2) the cost (including reasonable profit) of settling and paying claims under subcontracts and material orders for work performed and materials and supplies delivered to the site, payment for which has not been made by the PHA to the Contractor or by the Contractor to the subcontractor or supplier; (3) the cost of preserving and protecting the work already performed until the PHA or assignee takes possession thereof or assumes responsibility therefore; (4) the actual or estimated cost of legal and accounting services reasonably necessary to prepare and present the termination claim to the PHA; and (5) an amount constituting a reasonable profit on the value of the work performed by the Contractor.
- (c) The Contracting Officer will act on the Contractor's claim within days (60 days unless otherwise indicated) of receipt of the Contractor's claim.
- (d) Any disputes with regard to this clause are expressly made subject to the provisions of the **Disputes** clause of this contract

### 6. Insurance

- (a) Before commencing work, the Contractor and each subcontractor shall furnish the PHA with certificates of insurance showing the following insurance is in force and will insure all operations under the Contract.

(1) Workers' Compensation, in accordance with state or Territorial Workers' Compensation laws.

(2) Commercial General Liability with a combined single limit for bodily injury and property damage of not less than \$ \_\_\_\_\_ [Contracting Officer insert amount] per occurrence to protect the Contractor and each subcontractor against claims for bodily injury or death and damage to the property of others. This shall cover the use of all equipment, hoists, and vehicles on the site(s) not covered by Automobile Liability under (3) below. If the Contractor has a "claims-made" policy, then the following additional requirements apply: the policy must provide a "retroactive date" which must be on or before the execution date of the Contract; and the extended reporting period may not be less than five years following the completion date of the Contract

(3) Automobile Liability on owned and non-owned motor vehicles used on the site(s) or in connection therewith for a combined single limit for bodily injury and property damage of not less than \$ \_\_\_\_\_ [Contracting Officer insert amount] per occurrence.

(b) Before commencing work, the Contractor shall furnish the PHA with a certificate of insurance evidencing that Builder's Risk (fire and extended coverage) Insurance on all work in place and/or materials stored at the building site(s), including foundations and building equipment, is in force. The Builder's Risk Insurance shall be for the benefit of the Contractor and the PHA as their interests may appear and each shall be named in the policy or policies as an insured. The Contractor in installing equipment supplied by the PHA shall carry insurance on such equipment from the time the Contractor takes possession thereof until the Contract work is accepted by the PHA. The Builder's Risk Insurance need not be carried on excavations, piers, footings, or foundations until such time as work on the superstructure is started. It need not be carried on landscape work. Policies shall furnish coverage at all times for the full cash value of all completed construction, as well as materials in place and/or stored at the site(s), whether or not partial payment has been made by the PHA. The Contractor may terminate this insurance on buildings as of the date taken over for occupancy by the PHA. The Contractor is not required to carry Builder's Risk Insurance for modernization work which does not involve structural alterations or additions and where the PHA's existing fire and extended coverage policy can be endorsed to include such work.

(c) All insurance shall be carried with companies which are financially responsible and admitted to do business in the State in which the project is located. If any such insurance is due to expire during the construction period, the Contractor (including subcontractors, as applicable) shall not permit the coverage to lapse and shall furnish evidence of coverage to the Contracting Officer. All certificates of insurance, as evidence of coverage, shall provide that no coverage may be canceled or non-renewed by the insurance company until at least 30 days prior written notice has been given to the Contracting Officer.

## 7. Contract Modifications

(a) Only the Contracting Officer has authority to modify any term or condition of this contract. Any contract modification shall be authorized in writing.

(b) The Contracting Officer may modify the contract unilaterally (1) pursuant to a specific authorization stated in a contract clause (e.g., Changes); or (2) for administrative matters which

do not change the rights or responsibilities of the parties (e.g., change in the PHA address). All other contract modifications shall be in the form of supplemental agreements signed by the Contractor and the Contracting Officer.

(c) When a proposed modification requires the approval of HUD prior to its issuance (e.g., a change order that exceeds the PHA's approved threshold), such modification shall not be effective until the required approval is received by the PHA.

## 8. Changes

(a) The Contracting Officer may, at any time, without notice to the sureties, by written order designated or indicated to be a change order, make changes in the work within the general scope of the contract including changes:

(1) In the specifications (including drawings and designs);

(2) In the method or manner of performance of the work;

(3) PHA-furnished facilities, equipment, materials, services, or site; or,

(4) Directing the acceleration in the performance of the work (b) Any other written order or oral order (which, as used in this paragraph (b), includes direction, instruction, interpretation, or determination) from the Contracting Officer that causes a change shall be treated as a change order under this clause; provided, that the Contractor gives the Contracting Officer written notice stating (1) the date, circumstances and source of the order and (2) that the Contractor regards the order as a change order.

(c) Except as provided in this clause, no order, statement or conduct of the Contracting Officer shall be treated as a change under this clause or entitle the Contractor to an equitable adjustment.

(d) Many change under this clause causes an increase or decrease in the Contractor's cost of, or the time required for the performance of any part of the work under this contract, whether or not changed by any such order, the Contracting Officer shall make an equitable adjustment and modify the contract in writing. However, except for a adjustment based on defective specifications, no proposal for any change under paragraph (b) above shall be allowed for any costs incurred more than 20 days (5 days for oral orders) before the Contractor gives written notice as required. In the case of defective specifications for which the PHA is responsible, the equitable adjustment shall include any increased cost reasonably incurred by the Contractor in attempting to comply with the defective specifications.

(e) The Contractor must assert its right to an adjustment under this clause within 30 days after (1) receipt of a written change order under paragraph (a) of this clause, or (2) the furnishing of a written notice under paragraph (b) of this clause, by submitting a written statement describing the general nature and the amount of the proposal. If the facts justify it, the Contracting Officer may extend the period for submission. The proposal may be included in the notice required under paragraph (b) above. No proposal by the Contractor for an equitable adjustment shall be allowed if asserted after final payment under this contract

(f) The Contractor's written proposal for equitable adjustment shall be submitted in the form of a lump sum proposal supported with an itemized breakdown of all increases and decreases in the contract in at least the following details:

(1) Direct Costs. Materials (list individual items, the quantity and unit cost of each, and the aggregate cost); Transportation and delivery costs associated with materials; Labor



breakdowns by hours or unit costs (identified with specific work to be performed); Construction equipment exclusively necessary for the change; Costs of preparation and/ or revision to shop drawings resulting from the change; Worker's Compensation and Public Liability Insurance; Employment taxes under FICA and FUTA; and, Bond Costs - when size of change warrants revision.

- (2) Indirect Costs. Indirect costs may include overhead, general and administrative expenses, and fringe benefits not normally treated as direct costs.
- (3) Profit. The amount of profit shall be negotiated and may vary according to the nature, extent, and complexity of the work required by the change.

The allowability of the direct and indirect costs shall be determined in accordance with the Contract Cost Principles and Procedures for Commercial Firms in Part 31 of the Federal Acquisition Regulation (48 CFR 1-31), as implemented by HUD Handbook 2210.18, in effect on the date of this contract. The Contractor shall not be allowed a profit on the profit received by any subcontractor. Equitable adjustments for deleted work shall include a credit for profit and may include a credit for indirect costs. On proposals covering both increases and decreases in the amount of the contract, the application of indirect costs and profit shall be on the net-change in direct costs for the Contractor or subcontractor performing the work

- (g) The Contractor shall include in the proposal its request for time extension (if any), and shall include sufficient information and dates to demonstrate whether and to what extent the change will delay the completion of the contract in its entirety.
- (h) The Contracting Officer shall act on proposals within 30 days after their receipt, or notify the Contractor of the date when such action will be taken.
- (i) Failure to reach an agreement on any proposal shall be a dispute under the clause entitled Disputes herein. Nothing in this clause, however, shall excuse the Contractor from proceeding with the contract as changed.
- (j) Except in an emergency endangering life or property, no change shall be made by the Contractor without a prior order from the Contracting Officer.

#### 9. Examination and Retention of Contractor's Records

The HA, HUD, or Comptroller General of the United States, or any of their duly authorized representatives shall, until three years after final payment under this contract, have access to and the right to examine any of the Contractor's directly pertinent books, documents, papers, or other records involving transactions related to this contract for the purpose of making audit, examination, excerpts, and transcriptions.

#### 10. Rights in Data and Patent Rights (Ownership and Proprietary Interest)

The HA shall have exclusive ownership of, all proprietary interest in, and the right to full and exclusive possession of all information, materials, and documents discovered or produced by Contractor pursuant to the terms of this Contract, including but not limited to reports, memoranda or letters concerning the research and reporting tasks of this Contract.

#### 11. Energy Efficiency

The Contractor shall comply with all mandatory standards and policies relating to energy efficiency which are contained in the energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub.L. 94-163) for the State in which the work under this contract is performed.

#### 12. Procurement of Recovered Materials

- (a) In accordance with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act, the Contractor shall procure items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition. The Contractor shall procure items designated in the EPA guidelines that contain the highest percentage of recovered materials practicable unless the Contractor determines that such items: (1) are not reasonably available in a reasonable period of time; (2) fail to meet reasonable performance standards, which shall be determined on the basis of the guidelines of the National Institute of Standards and Technology, if applicable to the item; or (3) are only available at an unreasonable price.
- (b) Paragraph (a) of this clause shall apply to items purchased under this contract where: (1) the Contractor purchases in excess of \$10,000 of the item under this contract; or (2) during the preceding Federal fiscal year, the Contractor: (i) purchased any amount of the items for use under a contract that was funded with Federal appropriations and was with a Federal agency or a State agency or agency of a political subdivision of a State; and (ii) purchased a total of in excess of \$10,000 of the item both under and outside that contract

#### 13. Training and Employment Opportunities for Residents in the Project Area (Section 3, HUD Act of 1968; 24 CFR 75)

- (a) The work to be performed under this contract is subject to the requirements of section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1701u (section 3). The purpose of section 3 is to ensure that employment and other economic opportunities generated by HUD assistance or HUD-assisted projects covered by section 3, shall, to the greatest extent feasible, be directed to low- and very low-income persons, particularly persons who are recipients of HUD assistance for housing.
- (b) The parties to this contract agree to comply with HUD's regulations in 24 CFR Part 75, which implement section 3. As evidenced by their execution of this contract, the parties to this contract certify that they are under no contractual or other impediment that would prevent them from complying with the Part 75 regulations.
- (c) The contractor agrees to send to each labor organization or representative of workers with which the contractor has a collective bargaining agreement or other understanding, if any, a notice advising the labor organization or workers' representative of the contractor's commitments under this section 3 clause, and will post copies of the notice in conspicuous places at the work site where both employees and applicants for training and employment positions can see the notice. The notice shall describe the section 3 prioritization requirements, and shall state the minimum percentages of labor hour requirements established in the Benchmark Notice (FR-6085-N-04).



- (d) The contractor agrees to include this section 3 clause in every subcontract subject to compliance with regulations in 24 CFR Part 75, and agrees to take appropriate action, as provided in an applicable provision of the subcontract or in this section 3 clause, upon a finding that the subcontractor is in violation of the regulations in 24 CFR Part 75. The contractor will not subcontract with any subcontractor where the contractor has notice or knowledge that the subcontractor has been found in violation of the regulations in 24 CFR Part 75.
- (e) Noncompliance with HUD's regulations in 24 CFR Part 75 may result in sanctions, termination of this contract for default, and debarment or suspension from future HUD assisted contracts.
- (f) Contracts, subcontracts, grants, or subgrants subject to Section 7(b) of the Indian Self-Determination and Education Assistance Act (25 U.S.C. 5307(b)) or subject to tribal preference requirements as authorized under 101(k) of the Native American Housing Assistance and Self-Determination Act (25 U.S.C. 4111(k)) must provide preferences in employment, training, and business opportunities to Indians and Indian organizations, and are therefore not subject to the requirements of 24 CFR Part 75.

#### 14. Labor Standards - Davis-Bacon and Related Acts

##### (a) Minimum Wages.

(1) All laborers and mechanics employed under this contract in the construction or development of the project(s) involved will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR Part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the Contractor and such laborers and mechanics. Contributions made or costs reasonably anticipated for bona fide fringe benefits under Section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of 29 CFR 5.5(a)(1)(iv); also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the regular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits in the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein; provided, that the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under 29 CFR 5.5(a)(1)(ii) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the Contractor and its subcontractors at the site of the work in

a prominent and accessible place where it can be easily seen by the workers.

- (2) (i) Any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. HUD shall approve an additional classification and wage rate and fringe benefits therefor only when all the following criteria have been met:
- (a) The work to be performed by the classification requested is not performed by a classification in the wage determination; and
  - (b) The classification is utilized in the area by the construction industry; and
  - (c) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.
- (ii) If the Contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and HUD or its designee agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action shall be sent by HUD or its designee to the Administrator of the Wage and Hour Division, Employee Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise HUD or its designee or will notify HUD or its designee within the 30-day period that additional time is necessary.
- (iii) In the event the Contractor, the laborers or mechanics to be employed in the classification or their representatives, and HUD or its designee do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), HUD or its designee shall refer the questions, including the views of all interested parties and the recommendation of HUD or its designee, to the Administrator of the Wage and Hour Division for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise HUD or its designee or will notify HUD or its designee within the 30-day period that additional time is necessary.
- (iv) The wage rate (including fringe benefits where appropriate) determined pursuant to subparagraphs (a)(2)(ii) or (iii) of this clause shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.
- (3) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the Contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.
- (4) If the Contractor does not make payments to a trustee or other third person, the Contractor may consider as part

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of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program; **provided**, that the Secretary of Labor has found, upon the written request of the Contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the Contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

- (b) Withholding of Funds. HUD or its designee shall, upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the Contractor under this contract or any other Federal contract with the same prime Contractor, or any other Federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime Contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the Contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working in the construction or development of the project, all or part of the wages required by the contract, HUD or its designee may, after written notice to the Contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased. HUD or its designee may, after written notice to the Contractor, disburse such amounts withheld for and on account of the Contractor or subcontractor to the respective employees to whom they are due.

(c) Payrolls and Basic Records.

- (1) Payrolls and basic records relating thereto shall be maintained by the Contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working in the construction or development of the project. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made, and actual wages paid. Whenever the Secretary of Labor has found, under 29 CFR 5.5(a)(1)(iv), that the wages of any laborer or mechanic include the amount of costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the Contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of

the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

- (2) (i) The Contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the Contracting Officer for transmission to HUD or its designee. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under subparagraph (c)(1) of this clause. This information may be submitted in any form desired. Optional Form WH-347 (Federal Stock Number 029-005-00014-1) is available for this purpose and may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. The prime Contractor is responsible for the submission of copies of payrolls by all subcontractors. (Approved by the Office of Management and Budget under OMB Control Number 1214-0149.)
- (ii) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:
- (A) That the payroll for the payroll period contains the information required to be maintained under paragraph (c)(1) of this clause and that such information is correct and complete;
- (B) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in 29 CFR Part 3; and
- (C) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract
- (iii) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirements for submission of the "Statement of Compliance" required by subparagraph (c)(2)(ii) of this clause.
- (iv) The falsification of any of the above certifications may subject the Contractor or subcontractor to civil or criminal prosecution under Section 1001 of Title 18 and Section 3729 of Title 31 of the United States Code.
- (3) The Contractor or subcontractor shall make the records required under subparagraph (c)(1) available for inspection, copying, or transcription by authorized representatives of HUD or its designee, the Contracting Officer, or the Department of Labor and shall permit such representatives to interview employees during working hours on the job. If the Contractor or subcontractor fails to submit the required records or to make them available, HUD or its designee may, after written notice to the Contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

- (d) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services (OATELS), or with a State Apprenticeship Agency recognized by OATELS, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by OATELS or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the Contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated in this paragraph, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the Contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator of the Wage and Hour Division determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event OATELS, or a State Apprenticeship Agency recognized by OATELS, withdraws approval of an apprenticeship program, the Contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

- (e) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate

specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed in the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate in the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate in the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate in the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the Contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

- (f) Equal Employment Opportunity. The utilization of apprentices, trainees, and journeymen under this clause shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR Part 30.
- (g) Compliance with Copeland Act Requirements. The Contractor shall comply with the requirements of 29 CFR Part 3, which are hereby incorporated by reference in this contract
- (h) Contract Termination; Debarment. A breach of the labor standards clauses in this contract may be grounds for termination of the contract and for debarment as a Contractor and a subcontractor as provided in 29 CFR 5.12.
- (i) Compliance with Davis-Bacon and related Act Requirements. All rulings and interpretations of the Davis-Bacon and related Acts contained in 29 CFR Parts 1, 3, and 5 are herein incorporated by reference in this contract
- (j) Disputes Concerning Labor Standards. Disputes arising out of the labor standards provisions of this clause shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR Parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the Contractor (or any of its subcontractors) and the PHA, HUD, the U.S. Department of Labor, or the employees or their representatives.
- (k) Certification of Eligibility.
- (1) By entering into this contract, the Contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the Contractor's firm is a person or firm ineligible to be awarded contracts by the United States Government by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
- (2) No part of this contract shall be subcontracted to any person or firm ineligible for award of a United States Government

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contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(3) The penalty for making false statements is prescribed in the U. S. Criminal Code, 18 U.S.C. 1001.

(1) Subcontracts. The Contractor or subcontractor shall insert in any subcontracts all the provisions contained in this clause, and such other clauses as HUD or its designee may by appropriate instructions require, and also a clause requiring the subcontractors to include these provisions in any lower tier subcontracts. The prime Contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all these provisions.

(m) Non-Federal Prevailing Wage Rates. Any prevailing wage rate (including basic hourly rate and any fringe benefits), determined under State law to be prevailing, with respect to any employee in any trade or position employed under the contract, is inapplicable to the contract and shall not be enforced against the Contractor or any subcontractor, with respect to employees engaged under the contract whenever such non-Federal prevailing wage rate exceeds:

- (i) the applicable wage rate determined by the Secretary of Labor pursuant to the Davis-Bacon Act (40 U.S.C. 3141 et seq.) to be prevailing in the locality with respect to such trade;
- (ii) an applicable apprentice wage rate based thereon specified in an apprenticeship program registered with the U.S. Department of Labor (DOL) or a DOL-recognized State Apprenticeship Agency; or
- (iii) an applicable trainee wage rate based thereon specified in a DOL-certified trainee program.

**Public reporting burden for this collection of information is estimated to average 1 hour. This includes the time for collecting, reviewing, and reporting the data. The information requested is required to obtain a benefit. This form includes those clauses required by OMB's common rule on grantee procurement, implemented at HUD in 2 CFR 200, and those requirements set forth in Section 3 of the Housing and Urban Development Act of 1968 and its amendment by the Housing and Community Development Act of 1992, implemented by HUD at 24 CFR Part 7575. The form is required for construction contracts awarded by Public Housing Agencies (PHAs). The form is used by Housing Authorities in so licitations to provide necessary contract clauses. If the form were not used, PHAs would be unable to enforce their contracts.. There are no assurances of confidentiality. HUD may not conduct or sponsor, and an applicant is not required to respond to a collection of information unless it displays a currently valid OMB control number.**

## Attachment J IFB 23-02

"General Decision Number: TX20220067 02/18/2022

Superseded General Decision Number: TX20210067

State: Texas

Construction Type: Residential

County: Harris County in Texas.

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022, Executive Order 14026 generally applies to the contract. The contractor must pay all covered workers at least \$15.00 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2022.

If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022, Executive Order 13658 generally applies to the contract. The contractor must pay all covered workers at least \$11.25 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2022.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Modification Number	Publication Date
0	01/07/2022
1	02/18/2022

\* ELEV0031-002 01/01/2022

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 47.04	36.885+a+b

Footnotes:

A. 6% under 5 years based on regular hourly rate for all hours worked. 8% over 5 years based on regular hourly rate for all hours worked.

B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day.

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SFTX0669-001 04/01/2021

	Rates	Fringes
SPRINKLER FITTER (Fire Sprinklers).....	\$ 31.68	22.20

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SHEE0054-008 04/01/2020

	Rates	Fringes
Sheetmetal Worker (Excluding HVAC Work).....	\$ 29.70	13.85

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SUTX2005-030 12/15/2005

	Rates	Fringes
Bricklayer.....	\$ 15.00	
Plasterer.....	\$ 16.60	
Tile setter.....	\$ 14.08	
Acoustical Ceiling Installer.....	\$ 12.50	
Carpenter (Includes Batt/Blown Insulation, Formwork & Overhead Door Installation).....	\$ 12.06	1.41
Carport Structural Supports Installer.....	\$ 11.46	2.61

Cement Manson/Concrete Finisher.....	\$ 13.68	.75
Drywall Finishers.....	\$ 12.00	
Drywall Hanger.....	\$ 12.71	
Electrician(Incl. Low Voltage Wiring and Installation of Alarms).....	\$ 17.05	6.32
Gutter and Siding Installer.....	\$ 18.59	1.41
HVAC MECHANIC (Pipe & System Installation Only).....	\$ 12.82	
Ironworker		
Ornamental.....	\$ 16.29	
Reinforcing.....	\$ 11.25	2.35
Structural.....	\$ 17.21	
Laborers:		
Common.....	\$ 8.88	1.10
Landscape and Irrigation....	\$ 9.02	
Mason Tender Brick.....	\$ 9.97	.68
Mason Tender Cement.....	\$ 9.46	.68
Pipelayer.....	\$ 10.06	
Plaster Tender.....	\$ 11.10	
Painter:		
Brush, Roller, and Spray....	\$ 11.41	
Parking Lot Striping.....	\$ 14.21	
Plumbers (Excluding HVAC Pipe)...	\$ 17.96	1.15
Power Equipment Operator		
Backhoe.....	\$ 13.55	.69
Bulldozer.....	\$ 12.67	.69
Forklift.....	\$ 12.54	
Front End Loader.....	\$ 12.00	.69
Grader.....	\$ 13.67	
Roofers.....	\$ 10.00	
Sheet Metal Worker (HVAC Duct Only).....	\$ 12.76	1.95
Soft Floor Layers, Carpet and Vinyl.....	\$ 14.50	

Truck drivers.....\$ 13.43

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WELDERS - Receive rate prescribed for craft performing  
operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were



prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union, which prevailed in the survey for this classification, which in this example would be Plumbers 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is

based.

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#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Division National Office Branch of Wage Surveys. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative

Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

Attachment K IFB 23-02  
**Schedule of Amounts  
for Contract Payments**

**U.S. Department of Housing  
and Urban Development**  
Office of Public and Indian Housing

OMB Approval No. 2577-0157  
(Exp. 3/31/2020)

No progress payments shall be made to the contractor unless a schedule of amounts for contract payments in accordance with the construction contract is received.

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless that collection displays a valid OMB control number.

Construction practices and HUD administrative requirements establish the need that HAs maintain certain records or submit certain documents in conjunction with the oversight of the award of construction contracts for the construction of new low-income housing developments or modernization of existing developments. These forms are used by HAs to provide information on the construction progress schedule and schedule of amounts for contract payments. Responses to the collection of information are required to obtain a benefit or to retain a benefit. The information requested does not lend itself to confidentiality.

Project Name and Location	Project Number

Name, Address, and Zip Code of Contractor

Nature of Contract	Contract Number
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Approved for Contractor by	Title	Date (mm/dd/yyyy)
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Approved for Architect by	Title	Date (mm/dd/yyyy)

Approved for Owner by	Title	Date (mm/dd/yyyy)
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Item No. (1)	Description of Item (2)	Quantity (3)	Unit of Measure (4)	Unit Price in Place (5)	Amount of Sub-Item (6)	Amount of Principal Item (7)

<b>Total Amount of Contract or Carried Forward</b>	<b>\$</b>
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To the best of my knowledge, all the information stated herein, as well as any information provided in the accompaniment herewith, is true and accurate. **Warning:** HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Signature of authorized representative	Date signed (mm/dd/yyyy)
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## Instructions for Preparation of form HUD-51000

1. A separate breakdown is required for each project and prime contract instructions for preparation are given below.
  - a. **Heading.** Enter all identifying information required for both forms.
  - b. **Columns 1 and 2.** In column 1, enter the item numbers starting with No. 1, and in column 2 enter each principal division of work incorporated in the contract work.
    - (1) **Master List.** The Master list contains the basic items into which any construction contract may be subdivided for the purpose of preparing the Construction Progress Schedule and the Periodical Estimates for Partial Payments. Only those items shall be selected which apply to the particular contract. To ensure uniformity, no change shall be made in the item numbers. Generally, about 25 to 40 major items appear in a contract.
    - (2) **Items Subdivided.** In the Contractor's breakdown, against which all periodical estimates will be checked prior to payment, each major item must be subdivided into sub-items pertinent to the project involved and in agreement with the Contractor's intended basis for requesting monthly payments.
  - c. **Column 3.** Enter the total quantity for each sub-item of each principal division of work listed in the breakdown.
  - d. **Column 4.** Enter the appropriate unit of measure for each sub-item of work opposite the quantities described in column 3, such as "sq. ft.," "yd.," "tons," "lb.," "lumber per M/BM," "brickwork per M," etc., applicable to the particular sub-item. Items shown on "lump sum" or equivalent basis will be paid for only on completion of the whole item and not on a percentage of completion basis.
  - e. **Column 5.** Enter the unit price, in place, of each sub-item of work.
  - f. **Column 6.** Enter the amount of each sub-item obtained by multiplying the quantities in column 3 by the corresponding unit prices in column 5.
  - g. **Column 7.** Enter the amount of principal item only, obtained by adding the amounts of all sub-items of each principal division of work listed in column 6. Continue with the breakdown on form HUD-51000.
  - h. The "Schedule of Amounts for Contract Payments" shall be signed and dated in the space provided at the bottom of each sheet of the form by the individual who prepared the breakdown for the Contractor.
2. The minimum number of copies required for each submission for approval is an original and two copies. When approved, one fully approved copy will be returned to the Contractor.

### Master List of Items

Item No.	Division of Work	Item No.	Division of Work	Item No.	Division of Work
21	Bond	20	Rough Carpentry	44	<b>Site Improvements</b>
	General Conditions \1	21	Metal Bucks	44	Retaining Walls
	Demolition & Clearing	22	Caulking	45	Storm Sewers
	<b>Structures</b>	23	Weatherstripping	46	Sanitary Sewers
	General Excavation	24	Lath & Plastering-Drywall	47	Water Distribution System
	Footing Excavation	25	Stucco	48	Gas Distribution System
	Backfill	26	Finish Carpentry	49	Electrical Distribution System
	Foundation Piles & Caissons	27	Finish Hardware	50	Street & Yard Lighting Fire &
	Concrete Foundations	28	Glass & Glazing	51	Police Alarm System Fire
	Concrete Superstructures	29	Metal Doors	52	Protection System Street
	Reinforcing Steel	30	Metal Base & Trim	53	Work
	Waterproofing & Dampproofing	31	Toilet Partitions	54	Yard Work
21	Spandrel Waterproofing	32	Floors	55	(Other)
	Structural Steel	33	Painting & Decorating	56	(Other)
	Masonry	34	Screens		<b>Equipment</b>
	Stonework	35	Plumbing	57	Shades & Drapery Rods
	Miscellaneous & Ornamental Metal	36	Heating	58	Ranges
1	Metal Windows	37	Ventilating System	59	Refrigerators
	Roofing	38	Electrical	60	Kitchen Cabinets & Work Tables
	Sheet Metal	39	Elevators	61	Laundry Equipment
		40	Elevator Enclosures—Metal	62	(Other)
		41	Incinerators—Masonry & Parts		<b>Punch List \2</b>
		42	(Other)	63	Lawns & Planting
		43	(Other)	64	

1 General Conditions should be 3% to 5% of contract amount.

2 Punch List should be approximately 1/2 of 1% or \$30 per dwelling unit, whichever is greater.

## **EXHIBT A**

### **Pre-Bid Teleconference Information**

**Date:** January 18, 2023

**Time:** 10:000 A.M. Central Standard Time (“CST”)

**You are encouraged to send an e-mail  
to [Purchasing@housingforhouston.com](mailto:Purchasing@housingforhouston.com)  
that you attended the Pre-Bid Teleconference associated with  
IFB 23-02 Remediation and Demolition of Bldg. 127 at Irvinton Village**

### **Zoom**

**Step 1: Using a phone Dial 1-346-248-7799**

**Step 2: When prompted enter code 864 3933 9288**

**Step 3: Press # a second time to enter the meeting**

**Step 4: When prompted enter Passcode 983310**

**Step 5: Join Zoom Meeting via computer:**

<https://us02web.zoom.us/j/86439339288?pwd=Qy9mSVpsTk5UWW1GVlpSSXFXUmhHZz09>

### **Meeting Instructions**

- Your phone will be automatically muted when you access the meeting, and will stay muted until HHA’s meeting facilitator has unmuted it.
- Press \*9 on your phone during the meeting to ask a question.
- Questions will be acknowledged by HHA’s meeting facilitator in the order they are received.
- You will be allowed to ask your question (which will be heard by all attendees), once HHA’s meeting facilitator identifies you by the last four (4) numbers of your phone number.
- After you have asked your question, HHA’s meeting facilitator will re-mute your phone.
- There will be a slight pause between the Sections of the solicitation that are being discussed to give bidders an opportunity to ask questions.
- Any statements made by HHA during the pre-bid conference, and during any site visits are not binding, unless they are incorporated into the above referenced solicitation via an Amendment.

## **PRE-BID CONFERENCE AGENDA**

**IFB 23-02: Remediation and Demolition of Bldg. 127 At Irvinton Village**

**Time and Date: 10:00 A.M. Central Standard Time (“CST”) January 18, 2023**

1. Welcome
2. Introductions
3. General
  - 3.1 Please send an email to [purchasing@housingforhouston.com](mailto:purchasing@housingforhouston.com) stating that you attended this meeting.
  - 3.2 Please review Exhibit A of the solicitation for instructions and call-in information for the Zoom Meeting.
  - 3.3 This Teleconference is being recorded.
  - 3.4 Note that this meeting utilizes the Zoom Software and that we may experience technical difficulties beyond our control. If you miss something or cannot hear something being said please hit \*9 or the hand icon to request clarification
4. Pre-Bid Format
  - 4.1 Oral statements made by HHA, or anyone else is not binding, unless they are incorporated into the above solicitation via an Amendment
  - 4.2 Monitor HHA’s website for Amendments to the above solicitation.
5. Review Solicitation
  - 5.1 Overview of Administrative / Submittal Requirements
    - Questions must be sent to [Purchasing@housingforhouston.com](mailto:Purchasing@housingforhouston.com)
    - Pay attention to Section 4.0 Procurement Schedule, and Section 8.0 Submittals
  - 5.2 Overview of Project / Technical Requirements
6. Recap Procurement Schedule
7. Adjourn

## **Exhibit B**

### **Scope of Work**

The successful bidder for the turnkey construction service is required to provide all the necessary licenses, permits, structural coordination, all delegated design, labor, personnel, supervision, transportation, materials, tools, supplies, equipment, machinery, signage, warning tape, barricades, lights, insurance, and any other ancillary item(s) or resource(s) needed to perform the demolition of building 127 at Irvinton Village Apartments.

### **Remediation, Demolition and Disposal**

1. This Statement of Work (SOW) is for services to provide abatement, demolition and disposal of improvement(s) per applicable laws and standards as outlined in this SOW.

### **Definitions of Terms and Acronyms**

2. The following acronyms are utilized in this Exhibit:
  - 2.1. CFR-Code of Federal Regulations
  - 2.2. HHA-Houston Housing Authority
  - 2.3. TAC-Texas Administrative Code
  - 2.4. TAHPR-Texas Asbestos Health Protection Rules
  - 2.5. TCP-Traffic Control Plan
  - 2.6. TDLR - Texas Department of licensing and Regulation
  - 2.7. TDSHS - Texas Department of State Health Services

### **Applicable Laws and Standards**

3. The primary vendor shall provide the specified service requirements in accordance with all federal, state and local applicable laws, standards and regulations necessary to perform the services, including, but not limited to:
  - 3.1. 29 CFR 1910.1001-Asbestos
  - 3.2. 29CFR 1910.134-Respiratory Protection
  - 3.3. 40 CFR 61- National Emissions Standards for Hazardous Air Pollutants
  - 3.4. Statutes, ordinances, and local permits required in the jurisdiction in which the service is provided
  - 3.5. 16 TAC, Part 1, Chapter 3, Oil and Gas Division
  - 3.6. 25 TAC, Part 1, Chapter 295, Subchapter C-T AH PR, Texas Asbestos Health Protection
  - 3.7. 16 TAC, Part 4, Chapter 76 - TDLR, Water Well Drillers and Water Well Pump Installers
  - 3.8. Texas Insurance Code, Sections 3503.001 through 3503.005



## **Respondent Qualifications**

4. Be a company or an individual engaged in the business of providing demolition and disposal services for a minimum of three years within the last five years. Recent start-up businesses do not meet the requirements of this solicitation.

NOTE: A start-up business is defined as a new company that has no previous operational history or expertise in the relevant business and is not affiliated with a company that has that history or expertise. Two companies are affiliated if the two companies have a common parent company or if one is the parent or subsidiary of the other.

5. Be a company involved in the business of providing asbestos abatement for a minimum of three years within the last five years or subcontract with a vendor meeting this requirement.

NOTE: Improvement(s) WILL BE TESTED under a separate purchase order for regulated asbestos containing material prior to HHA requesting demolition and disposal services. Asbestos testing services are not included in this solicitation and will be handled by a primary vendor awarded on a separate purchase order for testing services. A copy of the report findings will be available once completed. The testing will be performed without any direct supervision from HHA and the report will reflect the conclusions of the tester, not HHA. HHA makes no warranty, guarantee, or representation, express or implied, concerning the accuracy, correctness, or completeness of said report.

6. Currently hold an Asbestos Abatement Contractor's license in accordance with TAC §295.45 or subcontract with a vendor meeting this requirement.
7. Have an certified/licensed Asbestos Abatement Supervisor available for this project and on site during the abatement phase of the project.
8. Not listed on any State or Federal Debarment lists.

## **Respondent References**

9. The respondent shall submit a minimum of three business references to substantiate the qualifications and experience requirements for similar services completed for three years within the last five years. References shall illustrate respondent's ability to provide the services outlined in the specification. References shall include name, point of contact, telephone number, and dates services were performed. The response may be disqualified if HHA is unable to verify qualification and experience requirements from the respondent's references. The response may be disqualified if HHA receives negative responses. HHA will be the sole judge of references (Reference Respondent References).

## **Respondent Personnel Qualifications and Requirements**

10. The respondent shall provide the following personnel:

10.1. The respondent shall provide the following key personnel with the listed qualifications. HHA reserves the right to request proof of qualifications.

10.1.1. Project Manager (PM): The PM shall:

- a. Have a minimum of three years' experience within the last five years in supervising similar projects.
- b. Be a permanent staff employee and shall serve as a constant primary point of contact for HHA's Contract Manager.

10.1.2. The Crew Leader shall:

- a. Function as the liaison between HHA's Contract Manager and the Primary vendor's crew at the worksite and shall always be responsible for site supervision of the primary vendor's crew.
- b. Be on site for all jobs and ensure adherence to all requirements of the specification.

NOTE: All jobs refer to the type of trade they have been requested to be performed.

10.2. The respondent shall provide the following personnel to ensure accurate delivery of services in multiple locations simultaneously, as needed. Prime contractor may subcontract with a vendor with employees that meet the following requirements:

10.2.1. Asbestos Abatement Supervisor: Shall be licensed under  
TAC §295.46(d) (1)

10.2.2. Asbestos Abatement Workers: Shall be licensed under TAC §295.42(e)

10.2.3. Asbestos Transporters: Shall be licensed under TAC §295.56

11. All personnel shall:

11.1. Have the knowledge, skills and abilities to develop and implement the service requirements in this solicitation.

11.2. Be fluent in English with the ability to receive, give and understand written and oral instructions.

11.3. Not use personal multi-media devices while performing services for HHA unless furnished by the primary vendor to facilitate communication with HHA or the primary vendor.

11.4. Have a minimum of two years' experience within the last five years in performing service requirements specified within this solicitation.

12. All personnel who will be driving to and from HHA work locations shall:
  - 12.1. Possess a valid Driver License acceptable in the state of Texas.
  - 12.2. Have no Driving Under Influence (DUI) or Driving While Intoxicated (DWI) incidents on driving record within the past three years.
  - 12.3. Have no more than two moving violations on driving record within the past three years.

### **Service Requirements**

13. The vendor shall:
  - 13.1. Adhere to the HHA Terms and Conditions of this solicitation and the fully executed contract.
  - 13.2. Provide all labor, materials and equipment necessary to meet the requirements of the specified services throughout the term of the contract.
  - 13.4. Conduct and document driver's license checks periodically during the contract term on vendor staff that drive to and from HHA work locations to verify compliance.
  - 13.5. Currently hold and retain for the duration of the contract, all applicable licenses and permits necessary to perform all services pertaining to the contract or subcontract with a vendor(s) with the applicable license or permit.
  - 13.6. Provide a Crew Leader at the project anytime work is being performed with the authority to make on-site decisions with HHA approval.
  - 13.7. Provide an adequate number of staff members or subcontractors to perform services in multiple locations simultaneously, if needed.
  - 13.8. Provide copies of renewed licenses and permits to the designated HHA representative within five business days of a license or permits renewal.
14. Upon commencement of work:
  - 14.1. Submit a completed and signed original TDSHS Asbestos/Demolition Notification Form APB #5 and all amendments or modifications to that form to TDSHS prior to commencement of work.

NOTE: The name of the facility owner shall be the Houston Housing Authority.

- 14.2. Not commence work until the required ten work day waiting period as specified by TDSHS has lapsed.
- 14.3. Pay all applicable filing fees for each project, unless otherwise identified on the solicitation.
- 14.4. Submit the following to the designated HHA representative:
  - a. Proof of insurance
  - b. Applicable bond(s) (Performance and Payment Bonds)
  - c. A photocopy of the TDSHS Asbestos/Demolition Notification Form APB #5, including all amendments or modifications that has been provided to TDSHS
  - d. All additional permits and notifications required by any county resolution or city code or ordinance, including all amendments or modifications
  - e. A signed statement that the above referenced forms and all amendments or modifications were furnished as required.
- 14.5. Attend a pre-work site visit with the designated HHA representative before starting location work, if requested by HHA.
- 14.6. Collaborate with the designated HHA representative to coordinate beginning and end dates for project work schedules.
- 14.7. Demolish and dispose of improvement(s) and debris located on the HHA property as directed by the designated HHA representative, in accordance with all federal, state, and local laws and HHA policy requirements. As a minimum, the following shall be included, but may not be limited to buildings, structures, concrete or asphalt slabs, foundations, footings, driveways, parking lots, tires, fences, trees, shrubs, and swimming pools.
- 14.8. Recover all refrigerants from appliances in accordance with all applicable laws prior to demolishing the improvement, if applicable.
15. Arrange for all private utility lines servicing the property to be disconnected, capped or relocated, including all electrical, sewer, water, and natural gas lines.
16. Apply water to the ground and to debris prior to and during demolition to minimize demolition dust.
17. Contain all loose trash and debris in a properly sized container to prevent debris from blowing away or spilling. The vendor may haul loose trash and debris from the premises daily to prevent debris from blowing away or spilling.

18. Conduct operations to ensure little or no obstruction or interference with roads, streets, sidewalks, and other adjacent occupied or used facilities.
19. Secure property from unauthorized entrance. If applicable, return all materials used by HHA to secure the improvements to HHA prior to beginning work.
20. Backfill any hole or depression exposed because of removal of improvements with clean soil to meet the surrounding grade level. Clean soil shall be compacted to a density equivalent to that of the surrounding undisturbed soil. If applicable, place sod on bare patches of soil to establish new blade growth. Area shall be leveled to be suitable for future mowing and free of rocks, debris, etc.
21. Upon completion, leave the parcel(s) free of all debris and in orderly condition including sweeping sidewalks clear of dirt and debris. All used facilities should have unobstructed entrances.
22. Transport and dispose as follows:
  - 22.1. Recycle waste materials produced to reduce the amount of construction waste materials sent to the landfills.
  - 22.2. Properly and safely transport and dispose of all debris at an approved Texas Commission on Environmental Quality (TCEQ) disposal facility. A list of approved TCEQ disposal facilities can be found at the following web site: [https://www.tceq.texas.gov/assets/public/comm\\_exec/pubs/gi/gi-002.pdf](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/gi/gi-002.pdf)
23. Address manifests as follows:
  - 23.1. Prepare, sign, and provide a manifest for each shipment of waste upon task completion.
  - 23.2. Provide detailed and legible uniform manifests to HHA Contract Manager, prepared, signed, and dated by a vendor agent for the waste material treatment or disposal facility. The vendor agent shall certify the type and amount of materials delivered to the treatment or disposal facility with a copy of the service invoice.
24. Address asbestos abatement as follows:
  - 24.1. If asbestos is identified, HHA's environmental representative shall provide HHA's Site-Specific Specification Manual for asbestos inspection and abatement guidelines to the vendor. Vendor shall:
    - a. Coordinate with HHA's environmental representative prior to starting abatement work.
    - b. Follow all applicable federal, state, and local rules and regulations for asbestos abatement.

25. Address Traffic Control Plans (TCPs) as follows:

- 25.1. TCPs will be selected and verified by HHA's representative, if required.
- 25.2. The vendor shall adhere to the guidelines and procedures set forth in the Texas Manual on Uniform Traffic Control Devices, latest issue, regarding lane closures.

26. PROJECT SCHEDULE: A detailed project schedule and work plan for all project tasks.

27. The PM shall monitor and update the project schedule and work plan, revising as appropriate, with approval from HHA. The plan shall include, but not be limited to, the following:

- a. An Implementation Schedule.
- b. A logical sequence of tasks included in each project period.
- c. A clear definition of each task.
- d. Staff requirements for each task.
- e. A specific target completion date for each task.
- f. Task relationships and dependencies.
- g. Use of a Gated approach.
- h. Project Schedule and work plan shall be in accordance with Federal, State, and Local rules and regulations and HHA policies.

28. As requested by HHA, Reports and format standards will be approved by HHA and shall be delivered to the designated HHA representative. Reports shall include, but not be limited to, the following:

- 28.1 Summary Reports: Summarized by debt collection type, date range, method of payment, method of contact, amount collected, status, and any unique identifiers requested by HHA.
- 28.2 Daily Transmittal Report: With requirements as established between the vendor and HHA.

### **Quality Assurance Plan**

29. The vendor shall provide a comprehensive, continuous, and measurable quality assurance program. The plan shall include:

- 29.1. Procedures to periodically measure and report quality performance to HHA throughout the contract period.
- 29.2. How often the vendor conducts internal audits and engages external audit firms to conduct audits of its operations.

- 29.3. Controls to be used within the project to assure quality and consistency throughout the term of the purchase order.

### **Vendor Use of Premises and Vendor Personnel Safety**

30. The vendor shall provide all required safety equipment and instruct personnel to observe all safety policies, rules and requirements always, including, but not limited to, wearing hard hats, safety shoes, goggles, etc.
31. Do not use any explosives without written approval from HHA.
32. Be responsible for any materials or equipment or both left on site. Any loss of materials or equipment, or both, due to theft, vandalism, etc. shall be the vendor's sole responsibility.
33. Not utilize the work site or other associated HHA property for distributing or selling any portion of the improvement.
34. Not extend operations beyond the areas specified by the designated HHA representative.
35. Be responsible for the preservation of all public and private property and use every precaution necessary to prevent damage.
36. Be responsible for repairing damages caused to public and private property by vendor employees and subcontractors at the vendor's expense.
37. Handle and store equipment, materials, and supplies in a safe and orderly manner and keep the premises orderly and free from accumulation of waste materials or rubbish resulting from operations under this purchase order.
38. Ensure all work is completed in a manner that minimizes the possibility of any threat to human health and safety or the environment.

### **Hazardous Materials**

39. If hazardous materials, other than those identified on the solicitation, are found to be present at any project, then all work will be postponed immediately until such time that all hazardous materials can be remediated and disposed of properly. This work will be handled under a separate purchase order.

### **Business Continuity Procedures and Disaster Recovery Plan**

40. The respondent shall submit a business continuity procedures and disaster recovery plan. Plan include the following:

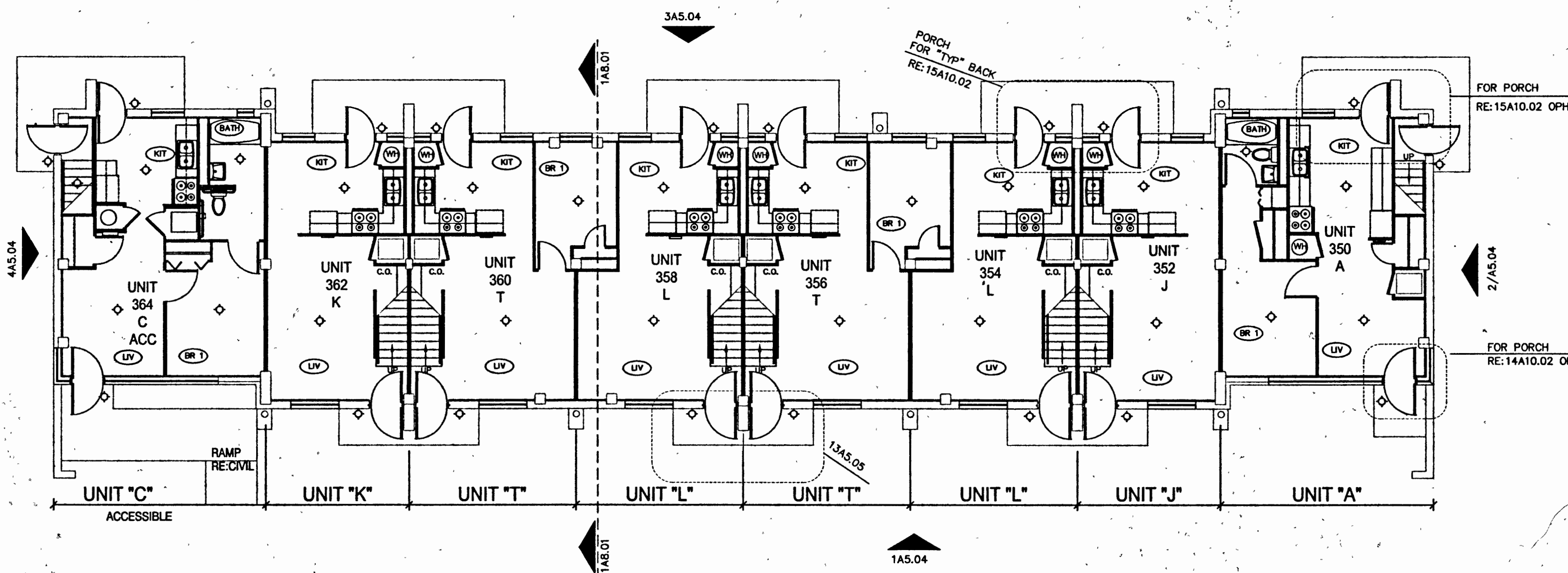
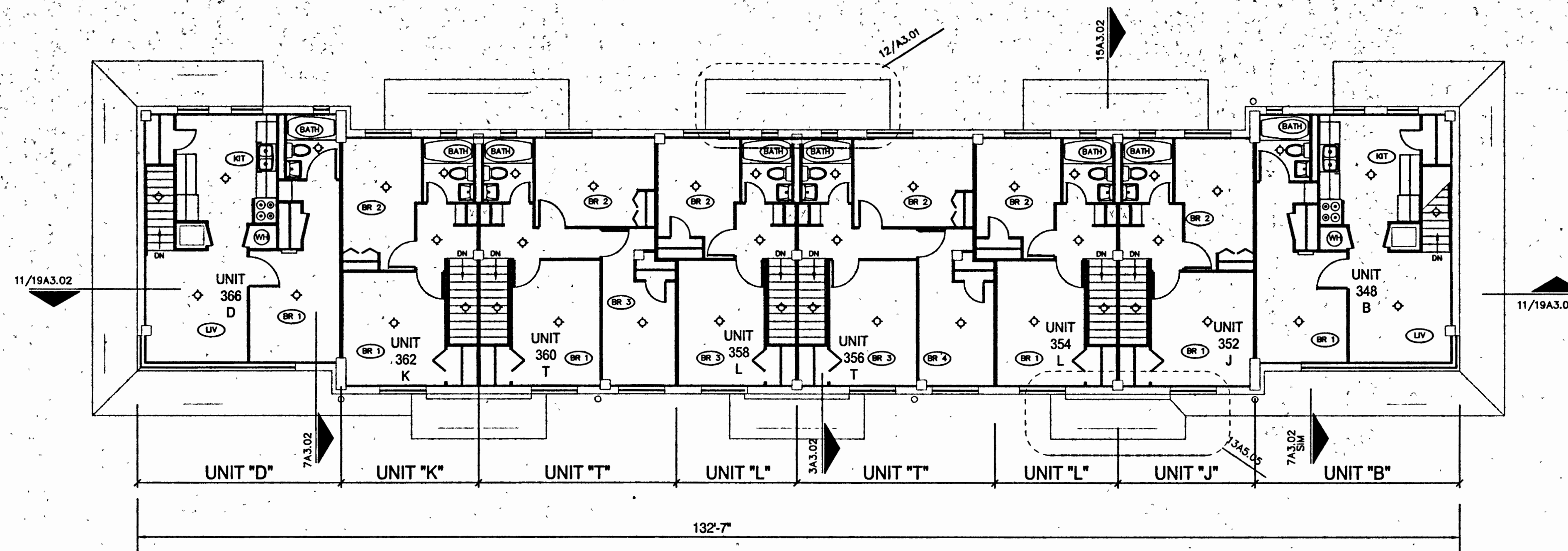
- 40.1 Business continuity procedures that shall be implemented to fulfill all requirements of the contract including, but not limited to: fire, theft, natural disaster, technical difficulty, workforce problems, equipment failure or other disruption of business.
- 40.2 A disaster recovery plan for this service that shall be maintained throughout the term of the contract. The vendor shall be responsible for all cost of disaster recovery.

### **Travel**

- 41. All travel and per diem shall be included in the contract price.



IFB 23-02- EXHIBIT C(1)



## FLOOR PLAN NOTES

### TYPICAL NOTES:

- REFER TO UNIT-SPECIFIC "ADDITIONAL WORK ITEMS" IN THE PROJECT MANUAL FOR "NON-TYPICAL" ADDITIONAL WORK ITEMS REQUIRED AT SPECIFIC UNITS.
- NEW VCT FLOORING AT ALL ROOMS, ALL UNITS.
- PREP AND PAINT ALL WALLS AND CEILINGS AT ALL ROOMS, ALL UNITS.
- PROVIDE AND INSTALL NEW SCHEDULED KITCHEN APPLIANCES (REFRIGERATORS, OVEN/RANGES, AND VENT HOODS) IN ALL KITCHENS, ALL UNITS. ALL WASHERS N.L.C.
- RE: PLUMBING DRAWINGS FOR REPLACEMENT OF EXISTING PLUMBING FIXTURES (SINKS, LAVATOIRES, WATER CLOSETS, TUBS, FITTINGS, ETC.)
- ALL INTERIOR & EXTERIOR DOORS TO RECEIVE NEW HARDWARE AS SCHEDULED.  
RE: "ADDITIONAL WORK ITEMS" FOR REPAIRS/REPLACEMENT OF SPECIFIC DOORS PER UNIT.

### KEYED NOTES: (APPLICABLE @ DWG:A2.17, A2.18, A2.19, A2.20 ONLY)

- NEW ELECTRICAL PANEL LOCATION. RE: ELECTRICAL.
- RE: MECHANICAL FOR EXTENT OF ADDITIONAL WORK REQUIRED FOR RELOCATION OF NEW FURNACE. VERIFY EXACT LOCATION AND SIZE OF CHASE IN FIELD. SEAL ALL PENETRATIONS THROUGH RATED WALLS, CEILINGS & FLOORS TO ADJOINING UNITS WITH APPROVED FIRE SAFING.
- BLOCKING IN WALLS.
- EXISTING CONCRETE STAIRS - PREP AND REPAINT. RE: FINISH SCHED.
- EXISTING STEEL HANDRAIL - PREP AND REPAINT HANDRAIL AND WALL BRACKETS.
- BROOM HOLDER ATTACHED @ 30" AFF-TO THE SIDE OF THE LOWER CABINETS
- 2 NEW PAINTED 12" DEEP WOOD SHELVES WITH 3/4" DIAMETER GALV. STL. HANGING RODS @ CLOS.
- STEEL CURTAIN ROD AT CLOSETS - RE: UNIT-SPECIFIC "ADDITIONAL WORK ITEMS" IN PROJECT MANUAL FOR REPLACEMENT OF MISSING CURTAIN RODS. NEW CURTAIN RODS TO BE 3/4" DIAMETER GALVANIZED STEEL PIPE WITH WALL FLANGE, ANCHORED TO BLOCKING IN WALLS.
- NEW 12" D PTD. WD. SHELVES - 3 BELOW STAIRS, 4 @ 2ND FLR. HALL LOCATIONS. RE: 10A7.03
- RE: 14 & 15A6.11 FOR PORCH/RAILING PLANS. ALSO REFER SITE/CIVIL PLANS.
- NEW EXTERIOR WALL OVERLAY CONSTRUCTION - RE: 4 & 8A2.11.
- NEW LIGHT FIXTURES - RE: ELECTRICAL.
- AREAWAY ACCESS GATE - RE: UNIT/BUILDING SPECIFIC "ADDITIONAL WORK ITEMS" IN PROJECT MANUAL FOR REPAIR/REPLACEMENT REQUIREMENTS.
- NEW FURR DOWN (1/2" GYPBD. ON 2 X 4 WOOD FRAMING) - PROVIDE 12" X 18" CEILING ACCESS PANEL FOR ACCESS TO PLUMBING ABOVE FURR DOWN. FURR DOWN DIMENSIONS TO MATCH EXISTING U.N.O.
- REMOVE EXISTING CEILING GRILLE AT 1ST FLOOR CEILING AND WALL FAN AT SHELVEY UNIT AT 2ND FLOOR HALL LANDING - PATCH CEILING AND SHELVEY UNIT TO MATCH EXISTING ADJACENT SOUND CONSTRUCTION.
- 1x12 PAINTED PLYWOOD SHELVES ON CLEATS. RE: 10/A7.03
- NEW ELECTRICAL PANEL LOCATION - RE: ELECTRICAL. RELOCATE & RECONNECT ELECT. SERVICE TO ELECTRICAL PANEL AT 2ND FLOOR UNIT ABOVE WHERE REQUIRED BY RELOCATION OF 1ST FLR. ELECTRICAL PANEL.
- AS NEEDED REPAIR/REPLACE CAPSTONE AT EXTERIOR MASONRY WING WALLS.
- NOT USED
- NOT USED
- NOT USED
- NEW 5/8" TYPE "X" GYPBD. (OR CEMENTITIOUS BACKER BOARD WHERE SPECIFIED) ON 2X4 FIRE RETARDANT TREATED WOOD STUDS @ 16" O.C.
- STAINLESS STEEL WALL PANEL ADJACENT TO RANGE.
- INFILL EXISTING WALL SLOT OPENING WITH MASONRY & FINISH TO MATCH  
REFER 4/A10.01

### LEGEND

- DEMOLITION
- EXISTING WALLS TO REMAIN
- NEW WALLS

### NOTES ON THIS SHEET

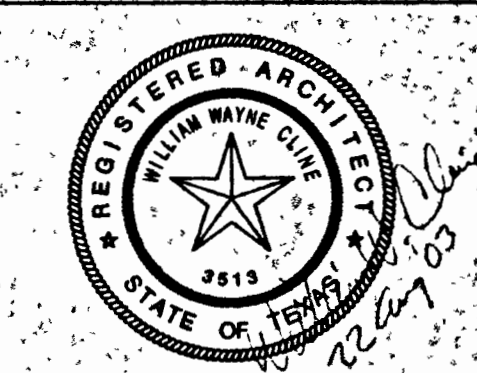
- DOORS, RE: A9.01
- WINDOWS, RE: A9.01
- PARTITION TYPES, RE: A8.02, ALL PARTITION TYPES SHALL BE TYPE A, U.N.O.
- FOR ENLARGED PLANS, RE: A2.16 - A2.20
- FOR BATH PLANS, RE: A8.04
- FOR KITCHEN PLANS, RE: A8.03

NOTE: BEDROOM CLOSET DOORS:  
CONTRACTOR SHALL PROVIDE CLOSET DOORS AT ALL BEDROOM CLOSETS AS PER DOOR SCHEDULE. RE: A5.01



**RATNALA & BAHL, INC.**

Engineers - Architects - Surveyors  
11787 KAY MEMORIAL BLVD. SUITE 510  
HOUSTON, TEXAS 77055



MEP ENGINEERING  
**B. J. MEHTA, INC.**  
CONSULTING ENGINEERS

9610 LONGPOINT  
SUITE 220  
HOUSTON, TEXAS 77055  
FAX 713-932-0197

## IRVINTON VILLAGE

2901 FULTON STREET  
HOUSTON, TX 77009

## PHASE VI IRVINTON VILLAGE MODERNIZATION AND SITE IMPROVEMENTS

BUILDING 105, 114, 115 & 122

TX005005  
IFB #03-18

HOUSING AUTHORITY OF THE  
CITY OF HOUSTON

### ISSUED FOR

NO.	DATE	DESCRIPTION
1	AUG. 2003	ISSUED FOR BID

PROJECT NO. DRAWN/DESIGN CHECKED  
2118-006 DM

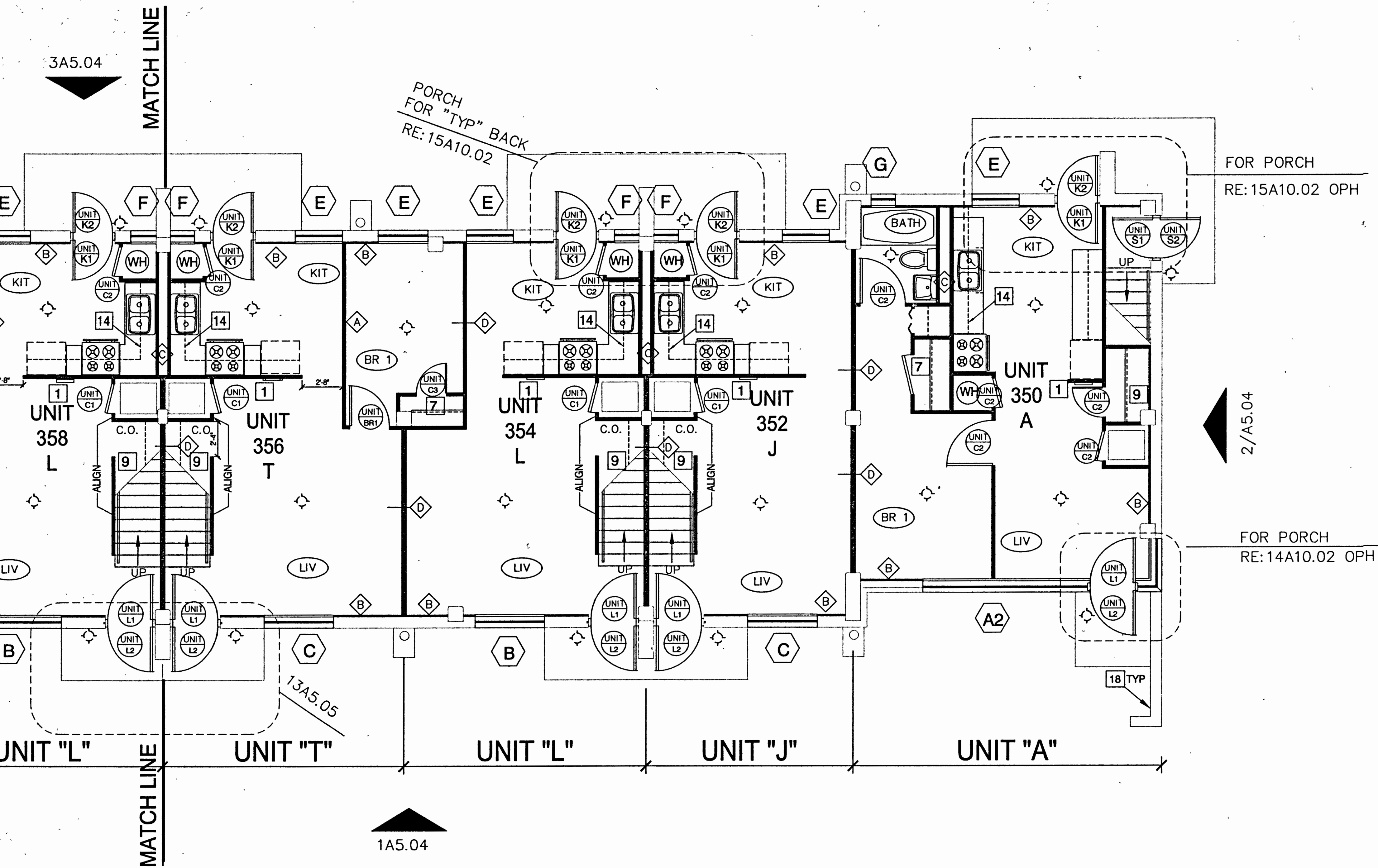
SHEET TITLE:  
**COMPOSITE FLOOR PLAN  
BUILDING 122**

SHEET NO.:

**A 2.16**

Exhibit C(1) IFB 23-02





1 BUILDING 122 - GROUND LEVEL - PARTIAL ENLARGED PLAN  
SCALE: 1/4" = 1'-0"

NOTE: REFER TO DWG.A2.16 FOR KEYED NOTES.

NOTE: REFER TO DWG.A8.02 FOR PARTITION TYPES.

**R B**  
**RATNALA & BAHL, INC.**  
Engineers - Architects - Surveyors  
11787 KIRBY FREEDWAY, SUITE 510  
HOUSTON, TEXAS 77058



MEP ENGINEERING  
**B. J. MEHTA, INC.**  
CONSULTING ENGINEERS  
9610 LONGPOINT  
SUITE 220  
HOUSTON, TEXAS 77055  
FAX 713-932-9197

**IRVINTON VILLAGE**  
2901 FULTON STREET  
HOUSTON, TX. 77009

**PHASE VI  
IRVINTON VILLAGE  
MODERNIZATION  
AND  
SITE IMPROVEMENTS**

BUILDING 105, 114, 115 & 122

TX005005  
IFB #03-18

HOUSING AUTHORITY OF THE  
CITY OF HOUSTON

ISSUED FOR	
NO.	DATE
1	AUG. 2003
ISSUED FOR BID	

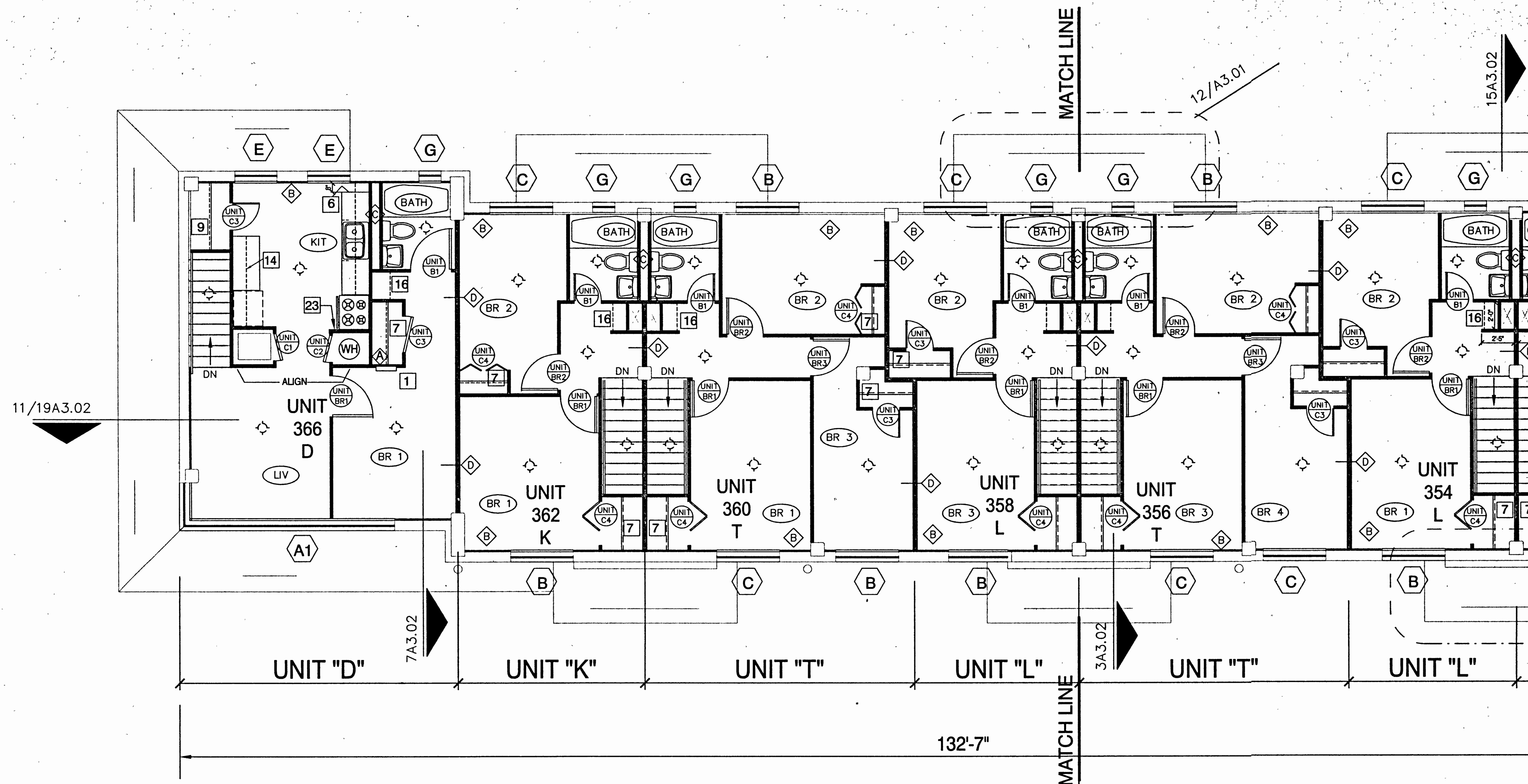
PROJECT NO.	DRAWN	DESIGN	CHECKED
2118-006			DM

SHEET TITLE:  
PARTIAL ENLARGED PLAN  
GROUND LEVEL  
BUILDING 122

SHEET NO.:

**A 2.18**

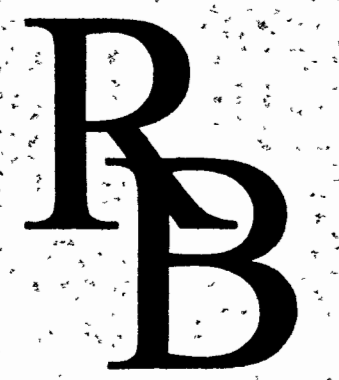




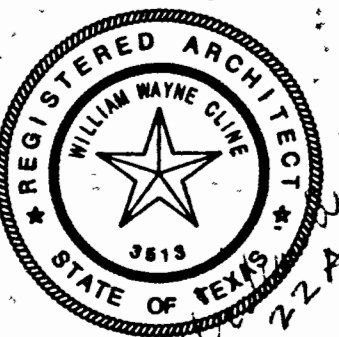
1 BUILDING 122 - SECOND LEVEL - PARTIAL ENLARGED PLAN  
SCALE: 1/4" = 1'-0"

NOTE: REFER TO DWG.A2.16 FOR KEYED NOTES.

NOTE: REFER TO DWG.A8.02 FOR PARTITION TYPES.



**RATNALA & BAHL, INC.**  
Engineers, Architects, & Surveyors  
11787 SATY TREEMAN, SUITE 810  
HOUSTON, TEXAS 77055



MEP ENGINEERING  
**B. J. MEHTA, INC.**  
CONSULTING ENGINEERS  
9610 LONGPOINT  
SUITE 220  
HOUSTON, TEXAS 77055  
FAX 713-932-9197

## IRVINTON VILLAGE

2901 FULTON STREET  
HOUSTON, TX. 77009

PHASE VI  
IRVINTON VILLAGE  
MODERNIZATION  
AND  
SITE IMPROVEMENTS

BUILDING 105, 114, 115 & 122

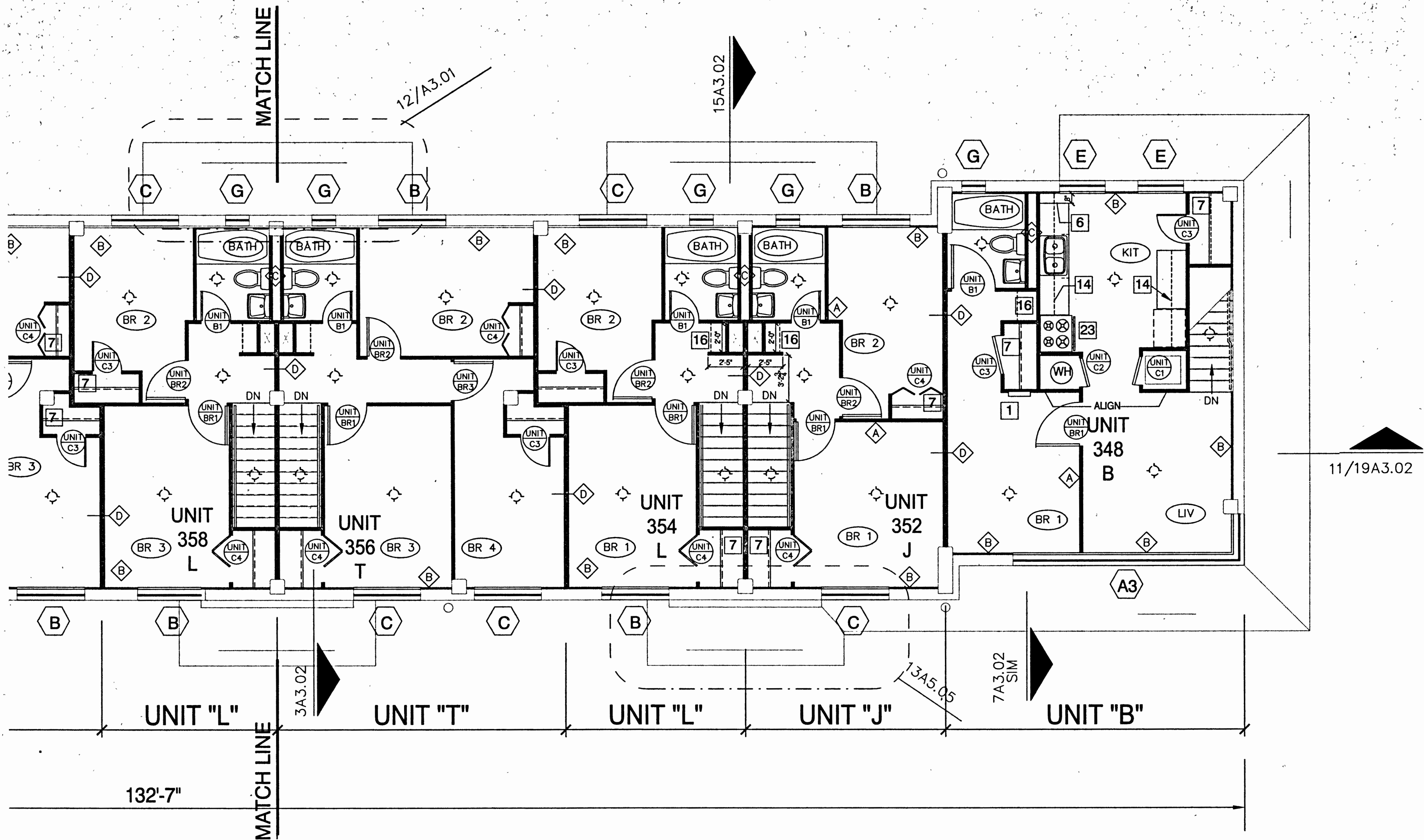
TX005005  
IFB #03-18

HOUSING AUTHORITY OF THE  
CITY OF HOUSTON

ISSUED FOR			
NO.	DATE	DESCRIPTION	
1	AUG. 2003	ISSUED FOR BID	
PROJECT NO.	DRAWN	DESIGN	CHECKED
2118-006			DM
SHEET TITLE:			
PARTIAL ENLARGED PLAN			
SECOND LEVEL			
BUILDING 122			
SHEET NO.:			

**A 2.19**



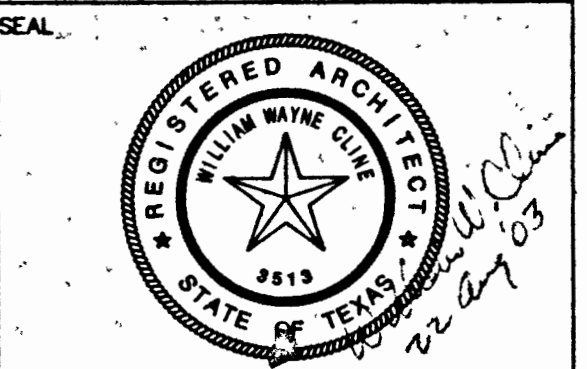


1 BUILDING 122 - SECOND LEVEL - PARTIAL ENLARGED PLAN  
SCALE: 1/4" = 1'-0"

NOTE: REFER TO DWG.A2.16 FOR KEYED NOTES.

NOTE: REFER TO DWG.A8.02 FOR PARTITION TYPES.

**R B**  
**RATNALA & BAHL, INC.**  
Engineers Architects Surveyors  
11767 KATY FREEDWAY, SUITE 810  
HOUSTON, TEXAS 77059



MEP ENGINEERING  
**B. J. MEHTA, INC.**  
CONSULTING ENGINEERS  
9610 LONGPOINT  
SUITE 220  
HOUSTON, TEXAS 77055  
FAX 713-932-9197

**IRVINTON VILLAGE**  
2901 FULTON STREET  
HOUSTON, TX 77009

**PHASE VI  
IRVINTON VILLAGE  
MODERNIZATION  
AND  
SITE IMPROVEMENTS**

BUILDING 105, 114, 115 & 122

TX005005  
IFB #03-18

HOUSING AUTHORITY OF THE  
CITY OF HOUSTON

ISSUED FOR	
NO.	DATE
1	AUG. 2003
DESCRIPTION	
ISSUED FOR BID	

PROJECT NO.	DRAWN	DESIGN	CHECKED
2118-006			DM

SHEET TITLE:  
PARTIAL ENLARGED PLAN -  
SECOND LEVEL  
BUILDING 122

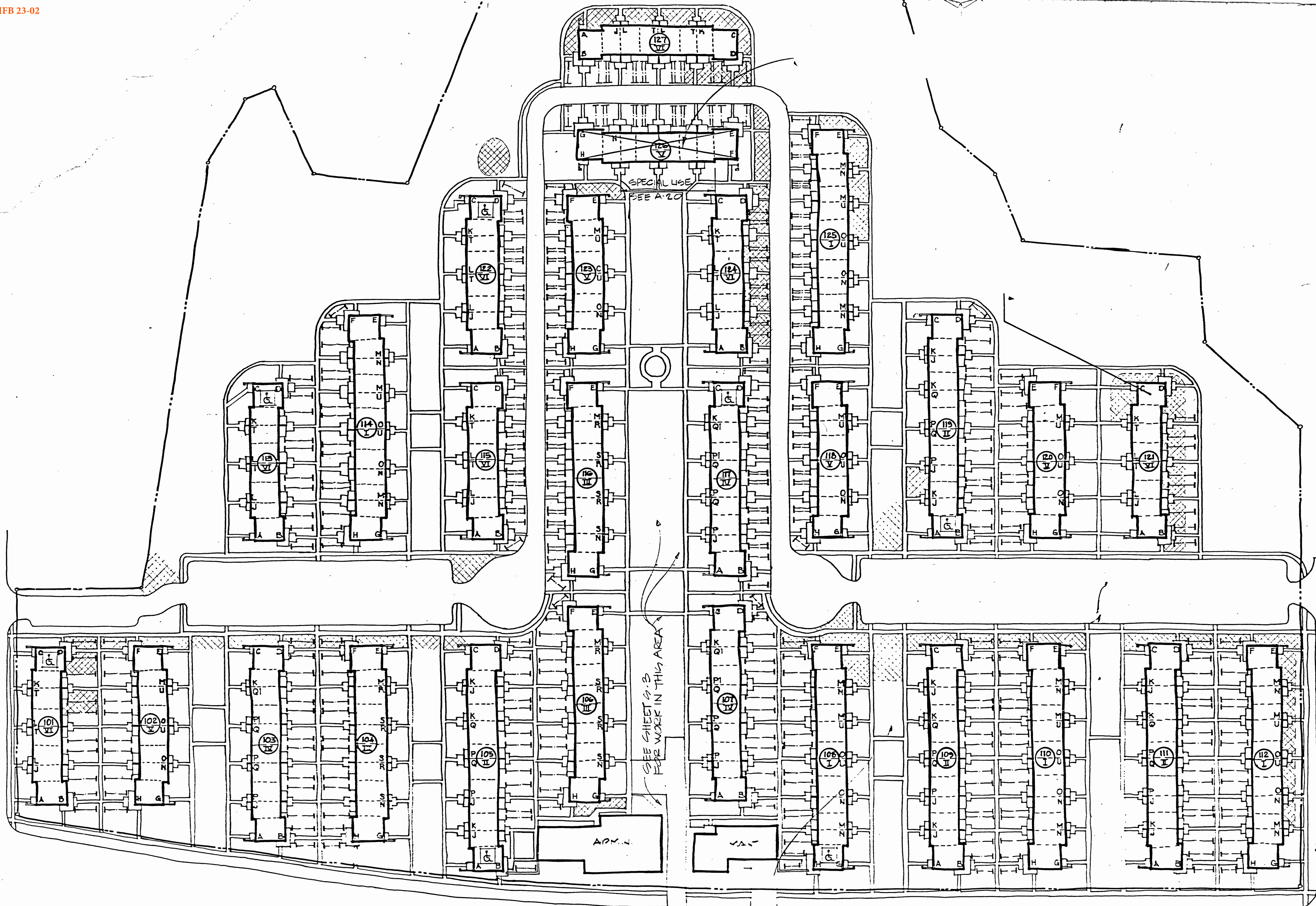
SHEET NO.:

**A 2.20**



BOOTH ST.

FULTON ST.





## **Exhibit D**

### **Price Sheet**

The undersigned agrees to provide all the necessary labor, personnel, supervision, equipment, signage, warning tape, insurance, transportation, licenses, permits, materials, tools, supplies, barricades, and any other ancillary item(s), or resource(s) needed to perform the work specified in the **Exhibit B Scope of Work** at the following fixed price:

<b>Item</b>	<b>Description</b>	<b>Total</b>
<b>1</b>	<b>Material</b>	<b>\$ _____</b>
<b>2</b>	<b>Labor</b> <b>Includes Davis Bacon Wages (See Attachment J)</b>	<b>\$ _____</b>
<b>3</b>	<b>Overhead</b>	<b>\$ _____</b>
<b>4</b>	<b>Profit</b>	<b>\$ _____</b>
<b>5</b>	<b>Total Bid Price:</b>	<b>\$ _____</b>

---

**NAME OF CONTRACTOR / OFFEROR / FIRM / INDIVIDUAL / CORPORATION**

---

**COMPLETE ADDRESS**

---

**CITY, STATE, ZIP CODE**

---

**E-MAIL ADDRESS**

---

**PHONE NUMBER / FAX NUMBER**

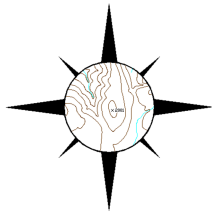
---

**E-SIGNATURE/SIGNATURE**

---

**TITLE**

**Note: This Form must contain a manual signature.**



# Terrain Solutions, Inc.

Texas Geoscience Firm Reg.#50018

10103 Fondren Road, Suite #426  
Houston, Texas 77096  
www.TerrainSolutionsInc.com

Telephone: 713 - 467 - 2900  
Fax: 1-713-583-1045  
Email: office@terrainsolutionsinc.com

December 15, 2021

Mr. Obed Diaz  
REID Director  
Houston Housing Authority  
2640 Fountainview Drive, Suite 400  
Houston, Texas 77057

Re: Asbestos Inspection Report  
Building 127 at Irvington Village Apartments  
2901 Fulton Street  
Houston, Texas 77009

Dear Mr. Diaz:

Attached are the results of the asbestos survey performed at the above referenced site. The work was performed in accordance with TSI's Proposal P2021-146 dated August 17, 2021, and authorized by a micro-purchase on August 30, 2021.

Please call if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Alan R. Smith".

Terrain Solutions, Inc.

Attachments: Fern report No. 0121-318

**Asbestos Inspection Report**  
Irvington Village Apartments - Building 127  
2901 Fulton St.  
Houston, Texas 77009



By:

FERN Environmental, LLC  
10103 Fondren Rd., Ste. 425  
Houston, TX 77096  
(832) 797-3059 Fax: (713) 202-4717  
DSHS Asbestos Consultant Agency Lic. # 100455 Exp:2/15/22  
DSHS Asbestos Laboratory Lic. #300482 Exp:11/17/22  
TDLR Mold Assessment Company Lic. # ACO1147 Exp:12/16/22  
DSHS Lead Firm Lic. #2110668 Exp:11/30/22



Project No.: 0121-318

December 15, 2021

A handwritten signature in black ink, appearing to read 'Gregory Lall'.

Gregory Lall

DSHS Asbestos Consultant Lic. # 105216 Exp:2/29/22  
TDLR Mold Consultant Lic. # MAC0239 Exp:1/11/22  
DSHS Lead Risk Assessor Lic. #2070478 Exp:12/28/22





December 15, 2021

Mr. Obed Diaz  
REID Director  
Houston Housing Authority  
2640 Fountainview Dr., Ste. 400  
Houston, TX 77057

RE: Asbestos inspection Report  
Building 127 at Irvington Village Apartments  
2901 Fulton St.  
Houston, Texas 77009  
Project No. 0121-318

Dear Mr. Diaz,

Pursuant to your request, FERN Environmental, LLC (FERN) performed asbestos testing in Building 127 at Irvington Village Apartments at the above-referenced site on December 6, 2021.

Asbestos was detected in black mastic under floor tile.

We appreciate the opportunity to provide our environmental services. Should you have any questions, please feel free to contact us at (832) 797-3059.

Sincerely,  
FERN Environmental, LLC

A handwritten signature in black ink, appearing to read "Gregory Lall".

Gregory Lall  
DSHS Lic. Consultant #105216

Attachment: Asbestos Inspection Report

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### 1.1 BACKGROUND

FERN Environmental, LLC (FERN) performed testing for asbestos-containing materials in Building 127 at Irvington Village Apartments at 2901 Fulton St., in Houston, Texas 77009.

Due to the health effects associated with exposure to asbestos dust, building materials are tested for asbestos content prior to their disturbance. If an asbestos inspection reveals the presence of asbestos-containing materials, they must be properly handled by trained workers prior to renovation. Federal, state and local regulations apply to work involving Asbestos Containing Materials (ACM).

### 1.2 AUTHORIZATION

Authorization to perform this testing was given by Mr. Obed Diaz with Houston Housing Authority.

### 1.3 PURPOSE

The objective of the testing was to provide general information for specific areas of this facility regarding the presence of accessible and/or exposed building materials which commonly contain asbestos. Materials which contain more than one percent (1%) asbestos are considered to be ACM according to Environmental Protection Agency (EPA) and Texas Department of State Health Services (DSHS) regulations.

### 1.4 WARRANTY

The information contained in this report is based upon data furnished by the Client and observations and test results provided by FERN. Certain findings are time dependent, and subject to changing site conditions, and revisions to Federal, state, and local regulations.

These findings have been prepared in accordance with generally accepted practices in the asbestos testing and abatement industry. Building materials such as thermal insulation in pipe chases are typically inaccessible to the inspector. Roofs are not normally sampled due to concerns about voiding existing warranties. Occupied buildings should be revisited once they are vacated, and prior to commencing work, in order to evaluate formerly inaccessible materials/areas. If new materials are uncovered during demolition activities, the asbestos content of such materials may be assumed or verified by laboratory analysis.

This report has been prepared for the use of the Client for the described site. It is not an abatement specification and is not intended for the use or benefit of any other party and may not be reproduced, except in full, without written approval from FERN.

No other warranties are implied or expressed.

## 2.1 BACKGROUND

The scope of services included the performance of field and laboratory testing programs, and the preparation of a report detailing where and at what concentrations asbestos was found.

The inspection was conducted by Akin Olufuwa (Lic. #105845), EPA accredited and DSHS Licensed Asbestos Consultant, on December 6, 2021, to identify materials containing more than one percent (>1%) asbestos.

## 2.2 REGULATORY REQUIREMENTS

The visual inspection and asbestos sampling were conducted in general accordance with EPA/AHERA guidelines to determine the presence of asbestos in suspect asbestos-containing materials (ACM) which were accessible and/or exposed in the facility. Bulk samples obtained from the facility were delivered to the NVLAP accredited, and DSHS licensed (Lic. #30-0373) Environmental Analytical Services laboratory for analysis for asbestos by Polarized Light Microscopy (PLM) with dispersion staining in accordance with USEPA guidelines (EPA/600/R-93/116).

Asbestos-containing materials (ACM) that will be impacted during construction activities must be abated by trained and certified abatement workers.

An abatement specification is required for abatement projects in accordance with the regulations, and is typically prepared after the renovation scope is determined. Asbestos containing materials that will be impacted by the renovation are more extensively quantified during specification development.

Data tables containing a summary of results by building component are included in the Appendix of this report.

### 3.1 FIELD SURVEY

#### Inspection Procedures

Asbestos inspection and sample collection were performed by an EPA accredited and DSHS Licensed inspector. An initial facility walk-through was conducted to determine the presence of suspect materials which were accessible and/or exposed. Materials that are similar in appearance are grouped into 'homogeneous' sampling areas. Representative samples are collected from each homogeneous area.

#### Sampling Procedures

After a thorough visual examination, samples of suspect ACM were collected. Sampling is typically limited to materials that are accessible and do not involve destruction of floors, ceilings, roofs, physical barriers, etc. or the structural integrity of the item being tested.

EPA guidelines were used to determine the sampling protocol, and samples were collected from representative areas of each suspect material. A summary of the tested materials is presented in the appendix and includes information such as friability and condition (Good, Damaged or Significantly Damaged).

Inaccessible materials in locations such as pipe chases and behind walls, and any other materials which were not evaluated in this inspection may be assumed to be ACM or tested for asbestos, if they are uncovered during renovation or other operations which may disturb them.

The building generally consisted of gypsum board walls, vinyl floor coverings, brick exterior walls, wood frame construction, and concrete slab foundation.

After each sample was extracted, a spray encapsulant and/or tape covering may have been applied to the sampled area to prevent potential fiber release.

#### Laboratory Methods

Analysis was performed by using the bulk sample for visual observation and slide preparations for microscopic examination and identification. The samples were mounted on slides and then analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite and actinolite/tremolite), and fibrous non-asbestos constituents (mineral wool, paper, etc.) and non-fibrous constituents.

Asbestos is identified by Polarized Light Microscopy (PLM) in accordance with USEPA guidelines (EPA/600/R-93/116) for this method. The same method was used to identify the non-asbestos constituents. The microscopist visually estimates relative amounts of each constituent by determining the volume of each constituent in proportion to the total volume of the sample, using a stereoscope.

#### 4.1 INSPECTION RESULTS

A material is considered to be asbestos containing if at least one sample collected from the material contains asbestos fibers at a concentration greater than one percent (>1%).

Asbestos was not detected in samples collected from the gypsum board walls, gypsum board ceilings, cove base, HVAC duct mastic, brick mortar, exterior soffit panels, roof shingles or exterior window and door caulking.

**Asbestos Was Detected** in samples of the following materials:

- Black mastic under vinyl floor tile (approx. 11,000 SF)

#### AHERA CLASSIFICATION

In accordance with EPA AHERA regulations (40 CFR 763 Subpart E), ACM identified in a survey should be classified into one of the following categories:

- (1) Damaged or significantly damaged thermal system insulation ACM
- (2) Damaged friable surfacing ACM
- (3) Significantly damaged friable surfacing ACM
- (4) Damaged or significantly damaged friable miscellaneous ACM
- (5) ACBM with potential for damage
- (6) ACBM with potential for significant damage
- (7) Any remaining friable ACBM or friable suspected ACBM

The Asbestos AHERA classification for the ACM's identified at the site is 5. Disturbance of these materials should only be done by certified Asbestos Abatement Workers. Workers must wear appropriate Personal Protective Equipment and use approved work methods and engineering controls including negative air pressure, HEPA vacuums and wet methods to control dust and prevent contamination of non-work areas

These findings have been prepared in accordance with generally accepted practices in the asbestos testing and abatement industry. No other warranties are implied or expressed.

The laboratory analysis results are included in the Appendix.

## **APPENDIX 1**

### **BULK ASBESTOS SAMPLE SUMMARY**

## BULK ASBESTOS SAMPLE SUMMARY

2901 Fulton St.  
Houston, Texas 77009  
Project No. 0121-318

Sample #	Description/Location	Friable (F) / Non-friable (NF)	Condition	Analysis Result
01	Gypsum board wall / unit 1 – 1 <sup>st</sup> floor	F	D	N.D.
02	Plaster wall / unit 1 – 1 <sup>st</sup> floor	NF	D	N.D.
03	Beige 12"x12" floor tile with brown streaks / unit 1 – 1 <sup>st</sup> floor	NF	D	N.D.
04	White duct mastic / unit 1 – 1 <sup>st</sup> floor	NF	D	N.D.
05	Gypsum board ceiling / unit 1A – 2 <sup>nd</sup> floor	F	D	N.D.
06	Beige 12"x12" floor tile with brown streaks / unit 1A – 2 <sup>nd</sup> floor	NF	D	N.D.
07	Black cove base / unit 1A – 2 <sup>nd</sup> floor	NF	D	N.D.
08	Beige 12"x12" floor tile with brown streaks / unit 2 – 1 <sup>st</sup> floor	NF	D	N.D.
09	Brick mortar / unit 2 – 1 <sup>st</sup> floor – north	NF	D	N.D.
10	White duct insulation mastic / unit 2 – 1 <sup>st</sup> floor	NF	D	N.D.
11	Gypsum board ceiling / unit 2 – 1 <sup>st</sup> floor	F	D	N.D.
12	Plaster texture / unit 2 – 1 <sup>st</sup> floor – north	NF	D	N.D.
13	Cove base / unit 2 – 2 <sup>nd</sup> floor – north	NF	D	N.D.
14	Gypsum board wall / unit 2 – 2 <sup>nd</sup> floor - south	F	D	N.D.
15	Beige 12"x12" floor tile with brown streaks / unit 2 – 2 <sup>nd</sup> floor – south	NF	D	N.D.
16	Soffit panel / exterior – southeast	NF	D	N.D.
17	Soffit panel / exterior – south	NF	D	N.D.
18	Wall plaster / unit 3 – 1 <sup>st</sup> floor	NF	D	N.D.



19	Brown vinyl flooring / unit 3 – 1 <sup>st</sup> floor - south	NF	D	N.D.
20	White duct insulation seam mastic / unit 3 – 1 <sup>st</sup> floor	NF	D	N.D.
21	Gypsum board wall / unit 3 – 1 <sup>st</sup> floor	F	D	N.D.
22	Gypsum board ceiling / unit 3 – 2 <sup>nd</sup> floor	F	D	N.D.
23	Brown vinyl flooring / unit 3 – 2 <sup>nd</sup> floor	NF	D	N.D.
24	Brick mortar / unit 4 – 1 <sup>st</sup> floor – north	NF	D	N.D.
25	Wall plaster / unit 4 – 1 <sup>st</sup> floor	NF	D	N.D.
26	White duct insulation mastic / unit 4 – 1 <sup>st</sup> floor	NF	D	N.D.
27	Gypsum board wall / unit 4 – 1 <sup>st</sup> floor	F	D	N.D.
28	Brown vinyl flooring / unit 4 – 1 <sup>st</sup> floor – south	NF	D	N.D.
29	Brown vinyl flooring / unit 4 – 2 <sup>nd</sup> floor – south	NF	D	N.D.
30	Gypsum board ceiling / unit 4 – 2 <sup>nd</sup> floor - south	F	D	N.D.
31	Brick mortar / unit 5 – 1 <sup>st</sup> floor – south	NF	D	N.D.
32	Plaster wall / unit 5 – 1 <sup>st</sup> floor – south	NF	D	N.D.
33	Beige 12"x12" floor tile with brown streaks / unit 5 – 1 <sup>st</sup> floor – north	NF	D	N.D.
34	White duct insulation seam mastic / unit 5 – 1 <sup>st</sup> floor	NF	D	N.D.
35	Gypsum board ceiling / unit 5 – 1 <sup>st</sup> floor	F	D	N.D.
36	Gypsum board wall / unit 5 – 2 <sup>nd</sup> floor	F	D	N.D.
37	Cove base / unit 5 – 2 <sup>nd</sup> floor	NF	D	N.D.
38	Beige 12"x12" floor tile with brown streaks / unit 5 – 2 <sup>nd</sup> floor	NF	D	N.D.
39	Wall plaster / unit 6 – 1 <sup>st</sup> floor – north	NF	D	N.D.
40	Brow vinyl flooring / unit 6 – 1 <sup>st</sup> floor	NF	D	N.D.
41	Gypsum board wall / unit 6 – 1 <sup>st</sup> floor - north	F	D	N.D.

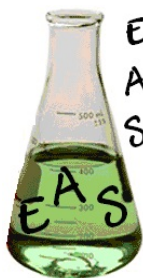
42	Gypsum board ceiling / unit 6 – 2 <sup>nd</sup> floor – north	F	D	N.D.
43	Brown vinyl flooring / unit 6 – 2 <sup>nd</sup> floor	NF	D	N.D.
44	Gypsum board ceiling / unit 7 – 1 <sup>st</sup> floor	F	D	N.D.
45	Plaster wall / unit 7 – 1 <sup>st</sup> floor – south	NF	D	N.D.
46	Beige 12"x12" floor tile with brown streaks / unit 6 – 1 <sup>st</sup> floor – north	NF	D	N.D.
47	Beige 12"x12" floor tile with brown streaks / unit 6 – 2 <sup>nd</sup> floor	NF	D	N.D.
48	Gypsum board wall / unit 7 – 2 <sup>nd</sup> floor	F	D	N.D.
49	Plaster wall / unit 8 – 1 <sup>st</sup> floor – north	NF	D	N.D.
50	Gypsum board wall / unit 8 – 1 <sup>st</sup> floor	F	D	N.D.
51	Brown vinyl flooring / unit 8 – 1 <sup>st</sup> floor	NF	D	N.D.
52	Beige 12"x12" floor tile / unit 8 – 2 <sup>nd</sup> floor – north	NF	D	2% Chr.
53	Gypsum board ceiling / unit 8 – 2 <sup>nd</sup> floor	F	D	N.D.
54	Soffit panel / exterior – southwest	NF	D	N.D.
55	Brick mortar / exterior – south	NF	D	N.D.
56	Brick mortar / exterior – southwest	NF	D	N.D.
57	Brick mortar / exterior – north	NF	D	N.D.
58	Roof shingle / exterior - north	NF	D	N.D.
59	Roof shingle / exterior – northeast	NF	D	N.D.
60	Window caulking / exterior – north	NF	D	N.D.
61	Door caulking / exterior – northeast	NF	D	N.D.
62	Door caulking / exterior – northwest	NF	D	N.D.
63	Door caulking / exterior – southwest	NF	D	N.D.
64	Door caulking / exterior – south	NF	D	N.D.

65	Roof shingle / exterior - south	NF	D	N.D.
----	---------------------------------	----	---	------

Note: Chr. = Chrysotile Asbestos Was Detected  
N.D. = Asbestos was Not Detected  
Condition = Good (G), Damaged (D), Significantly Damaged (SD)

## **APPENDIX 2**

### **LABORATORY ANALYTICAL RESULTS**



Environmental  
Analytical  
Services, LLC

13201 Northwest Freeway, Suite 520  
Houston, Texas 77040  
phone 713-343-4017 | fax 713-934-9942  
www.easlabs.com | facebook.com/easlabs | info@easlabs.com

## Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

**Phone:** 832-797-3059

**E-Mail:** greg@fernenvironmental.com

**Project:**

B127

0121-318

**EAS Job:** 21120801

**Attn:** Greg Lall

**Date Analyzed:** 12/13/2021 02:38 PM

**Date Received:** 12/08/2021 09:00 AM

**TAT Requested:** 3 Days

**Microscope:** PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
01 21120801.01	A	White Joint Compound Homogeneous	NO	None Detected	Cellulose 2%	Binders 98%
01 21120801.01	B	Brown/White Fibrous Drywall Non-Homogeneous	NO	None Detected	Cellulose 20%	Binders 80%
01 21120801.01	C	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%
01 21120801.01	D	White Fibrous Tape Homogeneous	NO	None Detected	Cellulose 100%	
02 21120801.02	A	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%
02 21120801.02	B	White Granular Plaster Homogeneous	NO	None Detected		Sand / Aggregates 65% Binders 35%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

Some samples (floor tiles, surfacing, etc.) may contain fibers too small to be detectable by PLM. TEM Chatfield analysis of bulk material is recommended in this case. All asbestos percentages are based on calibrated visual estimates traceable to NIST standards for regulated asbestos types. Analysts' percentages fall within a range of acceptable percentages, depending on the actual concentration of asbestos. This test report relates only to the items tested. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This report may not be reproduced except in full without permission from Environmental Analytical Services.

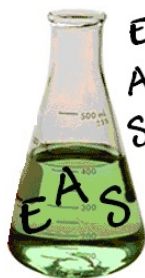
These results are submitted pursuant to EAS' current terms of sale, including the company's standard warranty and limitation of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, EAS will store the samples for a period of ninety (90) days before discarding. Percent ranges reported are estimates and not absolute percent range values.

**Analyzed By:**

*Terry Brindley*  
Terry Brindley

**Approved Signatory:**

*Terry Brindley*  
Terry Brindley



Environmental  
Analytical  
Services, LLC

13201 Northwest Freeway, Suite 520  
Houston, Texas 77040  
phone 713-343-4017 | fax 713-934-9942  
www.easlabs.com | facebook.com/easlabs | info@easlabs.com

### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

Phone: 832-797-3059

E-Mail: greg@fernenvironmental.com

**Project:**

B127

0121-318

EAS Job: 21120801

Attn: Greg Lall

Date Analyzed: 12/13/2021 03:33 PM

Date Received: 12/08/2021 09:00 AM

TAT Requested: 3 Days

Microscope: PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
03 21120801.03	A	White Floor Tile Homogeneous	NO	None Detected		Other Non-Fibrous 100%
03 21120801.03	B	Yellow Mastic Homogeneous	NO	None Detected	Cellulose 2%	Adhesive 98%
03 21120801.03	C	Brown Floor Tile Non-Homogeneous	NO	None Detected		Other Non-Fibrous 100%
03 21120801.03	D	Clear Mastic Homogeneous	NO	None Detected		Adhesive 100%
04 21120801.04	A	Silver/White Fibrous Mastic Wrapping w/ Foil Non-Homogeneous	NO	None Detected	Cellulose 25% Fiberglass 5%	Other Non-Fibrous 70%
04 21120801.04	B	Yellow Fibrous Insulation Homogeneous	NO	None Detected	Fiberglass 100%	

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

Some samples (floor tiles, surfacing, etc.) may contain fibers too small to be detectable by PLM. TEM Chatfield analysis of bulk material is recommended in this case. All asbestos percentages are based on calibrated visual estimates traceable to NIST standards for regulated asbestos types. Analysts' percentages fall within a range of acceptable percentages, depending on the actual concentration of asbestos. This test report relates only to the items tested. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This report may not be reproduced except in full without permission from Environmental Analytical Services.

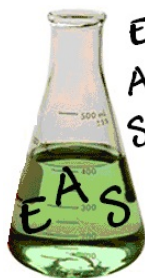
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Analyzed By:

*Terry Brindley*  
Terry Brindley

Approved Signatory:

*Terry Brindley*  
Terry Brindley



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### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

Phone: 832-797-3059

E-Mail: greg@fernenvironmental.com

**Project:**

B127

0121-318

EAS Job: 21120801

Attn: Greg Lall

Date Analyzed: 12/13/2021 02:38 PM

Date Received: 12/08/2021 09:00 AM

TAT Requested: 3 Days

Microscope: PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
05 21120801.05	A	White Joint Compound Homogeneous	NO	None Detected	Cellulose 2%	Binders 98%
05 21120801.05	B	Brown/White Fibrous Drywall Non-Homogeneous	NO	None Detected	Cellulose 20%	Binders 80%
05 21120801.05	C	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%
05 21120801.05	D	White Fibrous Tape Homogeneous	NO	None Detected	Cellulose 100%	
06 21120801.06	A	Beige Floor Tile Homogeneous	NO	None Detected		Other Non-Fibrous 100%
06 21120801.06	B	Yellow Mastic Homogeneous	NO	None Detected	Cellulose 2%	Other Non-Fibrous 98%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

Some samples (floor tiles, surfacing, etc.) may contain fibers too small to be detectable by PLM. TEM Chatfield analysis of bulk material is recommended in this case. All asbestos percentages are based on calibrated visual estimates traceable to NIST standards for regulated asbestos types. Analysts' percentages fall within a range of acceptable percentages, depending on the actual concentration of asbestos. This test report relates only to the items tested. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This report may not be reproduced except in full without permission from Environmental Analytical Services.

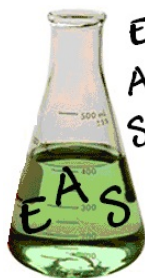
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Analyzed By:

*Terry Brindley*  
Terry Brindley

Approved Signatory:

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**Test: EPA 600/R-93/116**  
**Polarized Light Microscopy**

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

**Phone:** 832-797-3059

**E-Mail:** greg@fernenvironmental.com

**Project:**

B127

0121-318

**EAS Job:** 21120801

**Attn:** Greg Lall

**Date Analyzed:** 12/13/2021 03:23 PM

**Date Received:** 12/08/2021 09:00 AM

**TAT Requested:** 3 Days

**Microscope:** PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
07 21120801.07	A	Black Vinyl Cove Base Homogeneous	NO	None Detected		Vinyl 100%
07 21120801.07	B	Yellow Mastic Homogeneous	NO	None Detected	Cellulose 2%	Adhesive 98%
08 21120801.08	A	Beige Floor Tile Homogeneous	NO	None Detected		Other Non-Fibrous 100%
08 21120801.08	B	Yellow Mastic Homogeneous	NO	None Detected	Cellulose 2%	Other Non-Fibrous 98%
09 21120801.09	A	Gray Granular Mortar Homogeneous	NO	None Detected		Sand / Aggregates 80% Binders 20%
10 21120801.10	A	Silver/White Fibrous Mastic Wrapping w/ Foil Non-Homogeneous	NO	None Detected	Cellulose 25% Fiberglass 5%	Other Non-Fibrous 70%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

Some samples (floor tiles, surfacing, etc.) may contain fibers too small to be detectable by PLM. TEM Chatfield analysis of bulk material is recommended in this case. All asbestos percentages are based on calibrated visual estimates traceable to NIST standards for regulated asbestos types. Analysts' percentages fall within a range of acceptable percentages, depending on the actual concentration of asbestos. This test report relates only to the items tested. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This report may not be reproduced except in full without permission from Environmental Analytical Services.

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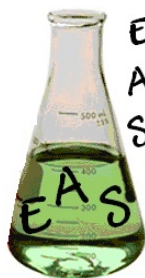
**Analyzed By:**

*Terry Brindley*  
Terry Brindley

**Approved Signatory:**

*Terry Brindley*  
Terry Brindley





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### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

Phone: 832-797-3059

E-Mail: greg@fernenvironmental.com

**Project:**

B127

0121-318

EAS Job: 21120801

Attn: Greg Lall

Date Analyzed: 12/13/2021 03:49 PM

Date Received: 12/08/2021 09:00 AM

TAT Requested: 3 Days

Microscope: PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
10 21120801.10	B	Yellow Fibrous Insulation Homogeneous	NO	None Detected	Fiberglass 100%	
11 21120801.11	A	White Joint Compound Homogeneous	NO	None Detected	Cellulose 2%	Binders 98%
11 21120801.11	B	Brown/White Fibrous Drywall Non-Homogeneous	NO	None Detected	Cellulose 20%	Binders 80%
11 21120801.11	C	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%
11 21120801.11	D	White Fibrous Tape Homogeneous	NO	None Detected	Cellulose 100%	
12 21120801.12	A	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

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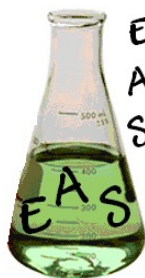
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### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

**Phone:** 832-797-3059

**E-Mail:** greg@fernenvironmental.com

**Project:**

B127

0121-318

**EAS Job:** 21120801

**Attn:** Greg Lall

**Date Analyzed:** 12/13/2021 02:38 PM

**Date Received:** 12/08/2021 09:00 AM

**TAT Requested:** 3 Days

**Microscope:** PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
12 21120801.12	B	White Granular Plaster Homogeneous	NO	None Detected		Sand / Aggregates 65% Binders 35%
13 21120801.13	A	Black Vinyl Cove Base Homogeneous	NO	None Detected		Vinyl 100%
13 21120801.13	B	Yellow Mastic Homogeneous	NO	None Detected	Cellulose 2%	Adhesive 98%
14 21120801.14	A	White Joint Compound Homogeneous	NO	None Detected	Cellulose 2%	Binders 98%
14 21120801.14	B	Brown/White Fibrous Drywall Non-Homogeneous	NO	None Detected	Cellulose 20%	Binders 80%
14 21120801.14	C	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

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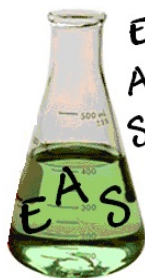
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### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
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Phone: 832-797-3059

E-Mail: greg@fernenvironmental.com

**Project:**

B127

0121-318

EAS Job: 21120801

Attn: Greg Lall

Date Analyzed: 12/13/2021 02:38 PM

Date Received: 12/08/2021 09:00 AM

TAT Requested: 3 Days

Microscope: PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
14 21120801.14	D	White Fibrous Tape Homogeneous	NO	None Detected	Cellulose 100%	
15 21120801.15	A	Beige Floor Tile Homogeneous	NO	None Detected		Other Non-Fibrous 100%
15 21120801.15	B	Yellow Mastic Homogeneous	NO	None Detected	Cellulose 2%	Other Non-Fibrous 98%
16 21120801.16	A	Gray Fibrous Wallboard Homogeneous	NO	None Detected	Cellulose 40%	Binders 60%
17 21120801.17	A	Gray Fibrous Wallboard Homogeneous	NO	None Detected	Cellulose 40%	Binders 60%
18 21120801.18	A	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

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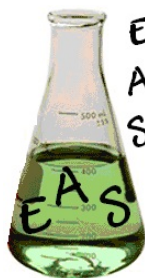
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Terry Brindley

Approved Signatory:

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Terry Brindley



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### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

**Phone:** 832-797-3059

**E-Mail:** greg@fernenvironmental.com

**Project:**

B127

0121-318

**EAS Job:** 21120801

**Attn:** Greg Lall

**Date Analyzed:** 12/13/2021 02:38 PM

**Date Received:** 12/08/2021 09:00 AM

**TAT Requested:** 3 Days

**Microscope:** PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
18 21120801.18	B	White Granular Plaster Homogeneous	NO	None Detected		Sand / Aggregates 65% Binders 35%
18 21120801.18	C	Gray Granular Plaster Homogeneous	NO	None Detected		Sand / Aggregates 80% Binders 20%
19 21120801.19	A	White Floor Tile Homogeneous	NO	None Detected		Other Non-Fibrous 100%
19 21120801.19	B	Black Tar Mastic Homogeneous	NO	None Detected	Cellulose 2%	Bitumen 98%
19 21120801.19	C	Yellow Mastic Homogeneous	NO	None Detected	Cellulose 2%	Adhesive 98%
19 21120801.19	D	Brown Floor Tile Non-Homogeneous	NO	None Detected		Other Non-Fibrous 100%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

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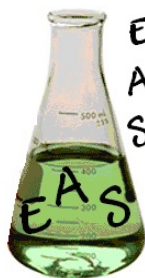
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Terry Brindley

**Approved Signatory:**

*Terry Brindley*  
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### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

Phone: 832-797-3059

E-Mail: greg@fernenvironmental.com

**Project:**

B127

0121-318

EAS Job: 21120801

Attn: Greg Lall

Date Analyzed: 12/13/2021 03:26 PM

Date Received: 12/08/2021 09:00 AM

TAT Requested: 3 Days

Microscope: PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
19 21120801.19	E	Clear Mastic Homogeneous	NO	None Detected		Adhesive 100%
20 21120801.20	A	Black Fibrous Mastic Wrapping w/ Foil Non-Homogeneous	NO	None Detected	Cellulose 25% Fiberglass 5%	Other Non-Fibrous 70%
20 21120801.20	B	Yellow Fibrous Insulation Homogeneous	NO	None Detected	Fiberglass 100%	
21 21120801.21	A	White Joint Compound Homogeneous	NO	None Detected	Cellulose 2%	Binders 98%
21 21120801.21	B	Brown/White Fibrous Drywall Non-Homogeneous	NO	None Detected	Cellulose 20%	Binders 80%
21 21120801.21	C	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

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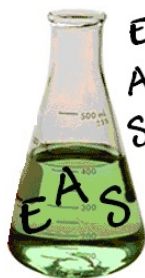
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Terry Brindley

Approved Signatory:

*Terry Brindley*  
Terry Brindley



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**Test: EPA 600/R-93/116**  
**Polarized Light Microscopy**

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

**Phone:** 832-797-3059

**E-Mail:** greg@fernenvironmental.com

**Project:**

B127

0121-318

**EAS Job:** 21120801

**Attn:** Greg Lall

**Date Analyzed:** 12/13/2021 02:38 PM

**Date Received:** 12/08/2021 09:00 AM

**TAT Requested:** 3 Days

**Microscope:** PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
21 21120801.21	D	White Fibrous Tape Homogeneous	NO	None Detected	Cellulose 100%	
22 21120801.22	A	White Joint Compound Homogeneous	NO	None Detected	Cellulose 2%	Binders 98%
22 21120801.22	B	Brown/White Fibrous Drywall Non-Homogeneous	NO	None Detected	Cellulose 20%	Binders 80%
22 21120801.22	C	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%
22 21120801.22	D	White Fibrous Tape Homogeneous	NO	None Detected	Cellulose 100%	
23 21120801.23	A	White Floor Tile Homogeneous	NO	None Detected		Other Non-Fibrous 100%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

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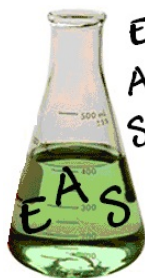
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**Approved Signatory:**

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### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

Phone: 832-797-3059

E-Mail: greg@fernenvironmental.com

**Project:**

B127

0121-318

EAS Job: 21120801

Attn: Greg Lall

Date Analyzed: 12/13/2021 03:33 PM

Date Received: 12/08/2021 09:00 AM

TAT Requested: 3 Days

Microscope: PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
23 21120801.23	B	Yellow Mastic Homogeneous	NO	None Detected	Cellulose 2%	Adhesive 98%
23 21120801.23	C	Brown Floor Tile Non-Homogeneous	NO	None Detected		Other Non-Fibrous 100%
23 21120801.23	D	Clear Mastic Homogeneous	NO	None Detected		Adhesive 100%
24 21120801.24	A	Gray Granular Mortar Homogeneous	NO	None Detected		Sand / Aggregates 80% Binders 20%
25 21120801.25	A	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%
25 21120801.25	B	White Granular Plaster Homogeneous	NO	None Detected		Sand / Aggregates 65% Binders 35%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

Some samples (floor tiles, surfacing, etc.) may contain fibers too small to be detectable by PLM. TEM Chatfield analysis of bulk material is recommended in this case. All asbestos percentages are based on calibrated visual estimates traceable to NIST standards for regulated asbestos types. Analysts' percentages fall within a range of acceptable percentages, depending on the actual concentration of asbestos. This test report relates only to the items tested. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This report may not be reproduced except in full without permission from Environmental Analytical Services.

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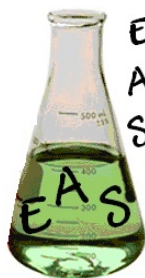
Analyzed By:

*Terry Brindley*  
Terry Brindley

Approved Signatory:

*Terry Brindley*  
Terry Brindley





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### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

**Phone:** 832-797-3059

**E-Mail:** greg@fernenvironmental.com

**Project:**

B127

0121-318

**EAS Job:** 21120801

**Attn:** Greg Lall

**Date Analyzed:** 12/13/2021 02:38 PM

**Date Received:** 12/08/2021 09:00 AM

**TAT Requested:** 3 Days

**Microscope:** PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
25 21120801.25	C	Gray Granular Plaster Homogeneous	NO	None Detected		Sand / Aggregates 80% Binders 20%
26 21120801.26	A	Black Fibrous Mastic Wrapping w/ Foil Non-Homogeneous	NO	None Detected	Cellulose 25% Fiberglass 5%	Other Non-Fibrous 70%
26 21120801.26	B	Yellow Fibrous Insulation Homogeneous	NO	None Detected	Fiberglass 100%	
27 21120801.27	A	White Joint Compound Homogeneous	NO	None Detected	Cellulose 2%	Binders 98%
27 21120801.27	B	Brown/White Fibrous Drywall Non-Homogeneous	NO	None Detected	Cellulose 20%	Binders 80%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

Some samples (floor tiles, surfacing, etc.) may contain fibers too small to be detectable by PLM. TEM Chatfield analysis of bulk material is recommended in this case. All asbestos percentages are based on calibrated visual estimates traceable to NIST standards for regulated asbestos types. Analysts' percentages fall within a range of acceptable percentages, depending on the actual concentration of asbestos. This test report relates only to the items tested. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This report may not be reproduced except in full without permission from Environmental Analytical Services.

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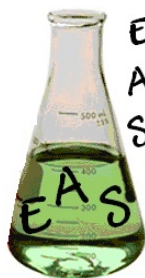
**Analyzed By:**

*Terry Brindley*  
Terry Brindley

**Approved Signatory:**

*Terry Brindley*  
Terry Brindley





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### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

Phone: 832-797-3059

E-Mail: greg@fernenvironmental.com

**Project:**

B127

0121-318

EAS Job: 21120801

Attn: Greg Lall

Date Analyzed: 12/13/2021 02:38 PM

Date Received: 12/08/2021 09:00 AM

TAT Requested: 3 Days

Microscope: PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
27 21120801.27	C	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%
27 21120801.27	D	White Fibrous Tape Homogeneous	NO	None Detected	Cellulose 100%	
28 21120801.28	A	White Floor Tile Homogeneous	NO	None Detected		Other Non-Fibrous 100%
28 21120801.28	B	Black Tar Mastic Homogeneous	NO	None Detected	Cellulose 2%	Bitumen 98%
28 21120801.28	C	Yellow Mastic Homogeneous	NO	None Detected	Cellulose 2%	Adhesive 98%
28 21120801.28	D	Brown Floor Tile Non-Homogeneous	NO	None Detected		Other Non-Fibrous 100%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

Some samples (floor tiles, surfacing, etc.) may contain fibers too small to be detectable by PLM. TEM Chatfield analysis of bulk material is recommended in this case. All asbestos percentages are based on calibrated visual estimates traceable to NIST standards for regulated asbestos types. Analysts' percentages fall within a range of acceptable percentages, depending on the actual concentration of asbestos. This test report relates only to the items tested. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This report may not be reproduced except in full without permission from Environmental Analytical Services.

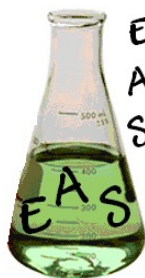
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Analyzed By:

*Terry Brindley*  
Terry Brindley

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### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
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Phone: 832-797-3059

E-Mail: greg@fernenvironmental.com

**Project:**

B127

0121-318

EAS Job: 21120801

Attn: Greg Lall

Date Analyzed: 12/13/2021 03:26 PM

Date Received: 12/08/2021 09:00 AM

TAT Requested: 3 Days

Microscope: PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
28 21120801.28	E	Clear Mastic Homogeneous	NO	None Detected		Adhesive 100%
29 21120801.29	A	White Floor Tile Homogeneous	NO	None Detected		Other Non-Fibrous 100%
29 21120801.29	B	Yellow Mastic Homogeneous	NO	None Detected	Cellulose 2%	Adhesive 98%
29 21120801.29	C	Brown Floor Tile Non-Homogeneous	NO	None Detected		Other Non-Fibrous 100%
29 21120801.29	D	Clear Mastic Homogeneous	NO	None Detected		Adhesive 100%
30 21120801.30	A	White Joint Compound Homogeneous	NO	None Detected	Cellulose 2%	Binders 98%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

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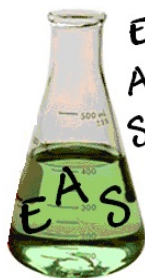
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### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

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Phone: 832-797-3059

E-Mail: greg@fernenvironmental.com

**Project:**

B127

0121-318

EAS Job: 21120801

Attn: Greg Lall

Date Analyzed: 12/13/2021 02:38 PM

Date Received: 12/08/2021 09:00 AM

TAT Requested: 3 Days

Microscope: PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
30 21120801.30	B	Brown/White Fibrous Drywall Non-Homogeneous	NO	None Detected	Cellulose 20%	Binders 80%
30 21120801.30	C	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%
30 21120801.30	D	White Fibrous Tape Homogeneous	NO	None Detected	Cellulose 100%	
31 21120801.31	A	Gray Granular Mortar Homogeneous	NO	None Detected		Sand / Aggregates 80% Binders 20%
32 21120801.32	A	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

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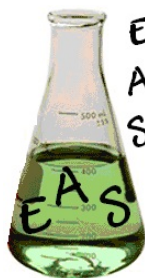
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### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

Fern Environmental  
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E-Mail: greg@fernenvironmental.com

**Project:**

B127

0121-318

EAS Job: 21120801

Attn: Greg Lall

Date Analyzed: 12/13/2021 02:38 PM

Date Received: 12/08/2021 09:00 AM

TAT Requested: 3 Days

Microscope: PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
32 21120801.32	B	White Granular Plaster Homogeneous	NO	None Detected		Sand / Aggregates 65% Binders 35%
32 21120801.32	C	Gray Granular Plaster Homogeneous	NO	None Detected		Sand / Aggregates 80% Binders 20%
33 21120801.33	A	Beige Floor Tile Homogeneous	NO	None Detected		Other Non-Fibrous 100%
33 21120801.33	B	Yellow Mastic Homogeneous	NO	None Detected	Cellulose 2%	Other Non-Fibrous 98%
34 21120801.34	A	Black Fibrous Mastic Wrapping w/ Foil Non-Homogeneous	NO	None Detected	Cellulose 25% Fiberglass 5%	Other Non-Fibrous 70%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

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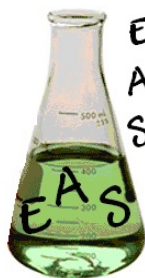
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Terry Brindley

Approved Signatory:

*Terry Brindley*  
Terry Brindley



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### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

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E-Mail: greg@fernenvironmental.com

**Project:**

B127

0121-318

EAS Job: 21120801

Attn: Greg Lall

Date Analyzed: 12/13/2021 03:49 PM

Date Received: 12/08/2021 09:00 AM

TAT Requested: 3 Days

Microscope: PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
34 21120801.34	B	Yellow Fibrous Insulation Homogeneous	NO	None Detected	Fiberglass 100%	
35 21120801.35	A	White Joint Compound Homogeneous	NO	None Detected	Cellulose 2%	Binders 98%
35 21120801.35	B	Brown/White Fibrous Drywall Non-Homogeneous	NO	None Detected	Cellulose 20%	Binders 80%
35 21120801.35	C	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%
35 21120801.35	D	White Fibrous Tape Homogeneous	NO	None Detected	Cellulose 100%	
36 21120801.36	A	White Joint Compound Homogeneous	NO	None Detected	Cellulose 2%	Binders 98%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

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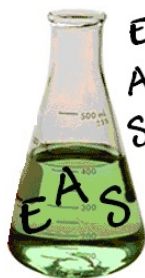
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Terry Brindley

Approved Signatory:

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Terry Brindley



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### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

**Phone:** 832-797-3059

**E-Mail:** greg@fernenvironmental.com

**Project:**

B127

0121-318

**EAS Job:** 21120801

**Attn:** Greg Lall

**Date Analyzed:** 12/13/2021 02:38 PM

**Date Received:** 12/08/2021 09:00 AM

**TAT Requested:** 3 Days

**Microscope:** PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
36 21120801.36	B	Brown/White Fibrous Drywall Non-Homogeneous	NO	None Detected	Cellulose 20%	Binders 80%
36 21120801.36	C	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%
36 21120801.36	D	White Fibrous Tape Homogeneous	NO	None Detected	Cellulose 100%	
37 21120801.37	A	Black Vinyl Cove Base Homogeneous	NO	None Detected		Vinyl 100%
37 21120801.37	B	Yellow Mastic Homogeneous	NO	None Detected	Cellulose 2%	Adhesive 98%
38 21120801.38	A	Beige Floor Tile Homogeneous	NO	None Detected		Other Non-Fibrous 100%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

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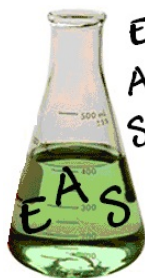
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Terry Brindley

**Approved Signatory:**

*Terry Brindley*  
Terry Brindley



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**Test: EPA 600/R-93/116**  
**Polarized Light Microscopy**

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

**Phone:** 832-797-3059

**E-Mail:** greg@fernenvironmental.com

**Project:**

B127

0121-318

**EAS Job:** 21120801

**Attn:** Greg Lall

**Date Analyzed:** 12/13/2021 03:09 PM

**Date Received:** 12/08/2021 09:00 AM

**TAT Requested:** 3 Days

**Microscope:** PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
38 21120801.38	B	Yellow Mastic Homogeneous	NO	None Detected	Cellulose 2%	Other Non-Fibrous 98%
39 21120801.39	A	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%
39 21120801.39	B	White Granular Plaster Homogeneous	NO	None Detected		Sand / Aggregates 65% Binders 35%
40 21120801.40	A	White Floor Tile Homogeneous	NO	None Detected		Other Non-Fibrous 100%
40 21120801.40	B	Yellow Mastic Homogeneous	NO	None Detected	Cellulose 2%	Adhesive 98%
40 21120801.40	C	Brown Floor Tile Non-Homogeneous	NO	None Detected		Other Non-Fibrous 100%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

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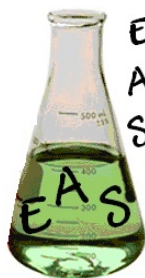
**Analyzed By:**

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Terry Brindley

**Approved Signatory:**

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### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

Phone: 832-797-3059

E-Mail: greg@fernenvironmental.com

**Project:**

B127

0121-318

EAS Job: 21120801

Attn: Greg Lall

Date Analyzed: 12/13/2021 03:33 PM

Date Received: 12/08/2021 09:00 AM

TAT Requested: 3 Days

Microscope: PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
40 21120801.40	D	Clear Mastic Homogeneous	NO	None Detected		Adhesive 100%
41 21120801.41	A	White Joint Compound Homogeneous	NO	None Detected	Cellulose 2%	Binders 98%
41 21120801.41	B	Brown/White Fibrous Drywall Non-Homogeneous	NO	None Detected	Cellulose 20%	Binders 80%
41 21120801.41	C	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%
41 21120801.41	D	White Fibrous Tape Homogeneous	NO	None Detected	Cellulose 100%	
42 21120801.42	A	White Joint Compound Homogeneous	NO	None Detected	Cellulose 2%	Binders 98%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

Some samples (floor tiles, surfacing, etc.) may contain fibers too small to be detectable by PLM. TEM Chatfield analysis of bulk material is recommended in this case. All asbestos percentages are based on calibrated visual estimates traceable to NIST standards for regulated asbestos types. Analysts' percentages fall within a range of acceptable percentages, depending on the actual concentration of asbestos. This test report relates only to the items tested. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This report may not be reproduced except in full without permission from Environmental Analytical Services.

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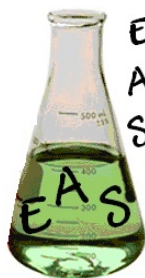
Analyzed By:

*Terry Brindley*  
Terry Brindley

Approved Signatory:

*Terry Brindley*  
Terry Brindley





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**Test: EPA 600/R-93/116**  
**Polarized Light Microscopy**

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

**Phone:** 832-797-3059

**E-Mail:** greg@fernenvironmental.com

**Project:**

B127

0121-318

**EAS Job:** 21120801

**Attn:** Greg Lall

**Date Analyzed:** 12/13/2021 02:38 PM

**Date Received:** 12/08/2021 09:00 AM

**TAT Requested:** 3 Days

**Microscope:** PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
42 21120801.42	B	Brown/White Fibrous Drywall Non-Homogeneous	NO	None Detected	Cellulose 20%	Binders 80%
42 21120801.42	C	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%
42 21120801.42	D	White Fibrous Tape Homogeneous	NO	None Detected	Cellulose 100%	
43 21120801.43	A	White Floor Tile Homogeneous	NO	None Detected		Other Non-Fibrous 100%
43 21120801.43	B	Yellow Mastic Homogeneous	NO	None Detected	Cellulose 2%	Adhesive 98%
43 21120801.43	C	Brown Floor Tile Non-Homogeneous	NO	None Detected		Other Non-Fibrous 100%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

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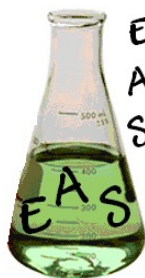
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**Analyzed By:**

*Terry Brindley*  
Terry Brindley

**Approved Signatory:**

*Terry Brindley*  
Terry Brindley



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### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

Phone: 832-797-3059

E-Mail: greg@fernenvironmental.com

**Project:**

B127

0121-318

EAS Job: 21120801

Attn: Greg Lall

Date Analyzed: 12/13/2021 03:33 PM

Date Received: 12/08/2021 09:00 AM

TAT Requested: 3 Days

Microscope: PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
43 21120801.43	D	Clear Mastic Homogeneous	NO	None Detected		Adhesive 100%
44 21120801.44	A	White Joint Compound Homogeneous	NO	None Detected	Cellulose 2%	Binders 98%
44 21120801.44	B	Brown/White Fibrous Drywall Non-Homogeneous	NO	None Detected	Cellulose 20%	Binders 80%
44 21120801.44	C	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%
44 21120801.44	D	White Fibrous Tape Homogeneous	NO	None Detected	Cellulose 100%	
45 21120801.45	A	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

Some samples (floor tiles, surfacing, etc.) may contain fibers too small to be detectable by PLM. TEM Chatfield analysis of bulk material is recommended in this case. All asbestos percentages are based on calibrated visual estimates traceable to NIST standards for regulated asbestos types. Analysts' percentages fall within a range of acceptable percentages, depending on the actual concentration of asbestos. This test report relates only to the items tested. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This report may not be reproduced except in full without permission from Environmental Analytical Services.

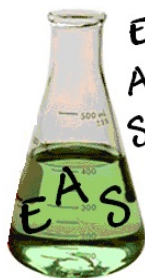
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*Terry Brindley*  
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### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
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**Phone:** 832-797-3059

**E-Mail:** greg@fernenvironmental.com

**Project:**

B127

0121-318

**EAS Job:** 21120801

**Attn:** Greg Lall

**Date Analyzed:** 12/13/2021 02:38 PM

**Date Received:** 12/08/2021 09:00 AM

**TAT Requested:** 3 Days

**Microscope:** PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
45 21120801.45	B	White Granular Plaster Homogeneous	NO	None Detected		Sand / Aggregates 65% Binders 35%
45 21120801.45	C	Gray Granular Plaster Homogeneous	NO	None Detected		Sand / Aggregates 80% Binders 20%
46 21120801.46	A	Beige Floor Tile Homogeneous	NO	None Detected		Other Non-Fibrous 100%
46 21120801.46	B	Yellow Mastic Homogeneous	NO	None Detected	Cellulose 2%	Other Non-Fibrous 98%
47 21120801.47	A	Beige Floor Tile Homogeneous	NO	None Detected		Other Non-Fibrous 100%
47 21120801.47	B	Yellow Mastic Homogeneous	NO	None Detected	Cellulose 2%	Other Non-Fibrous 98%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

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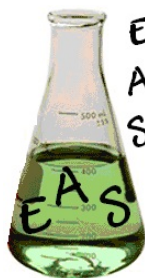
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**Analyzed By:**

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Terry Brindley

**Approved Signatory:**

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## **Test: EPA 600/R-93/116 Polarized Light Microscopy**

### **Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

**Phone:** 832-797-3059

**E-Mail:** greg@fernenvironmental.com

### **Project:**

B127

0121-318

**EAS Job:** 21120801

**Attn:** Greg Lall

**Date Analyzed:** 12/13/2021 02:38 PM

**Date Received:** 12/08/2021 09:00 AM

**TAT Requested:** 3 Days

**Microscope:** PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
48 21120801.48	A	White Joint Compound Homogeneous	NO	None Detected	Cellulose 2%	Binders 98%
48 21120801.48	B	Brown/White Fibrous Drywall Non-Homogeneous	NO	None Detected	Cellulose 20%	Binders 80%
48 21120801.48	C	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%
48 21120801.48	D	White Fibrous Tape Homogeneous	NO	None Detected	Cellulose 100%	
49 21120801.49	A	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%
49 21120801.49	B	White Granular Plaster Homogeneous	NO	None Detected		Sand / Aggregates 65% Binders 35%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

### **Notes:**

Some samples (floor tiles, surfacing, etc.) may contain fibers too small to be detectable by PLM. TEM Chatfield analysis of bulk material is recommended in this case. All asbestos percentages are based on calibrated visual estimates traceable to NIST standards for regulated asbestos types. Analysts' percentages fall within a range of acceptable percentages, depending on the actual concentration of asbestos. This test report relates only to the items tested. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This report may not be reproduced except in full without permission from Environmental Analytical Services.

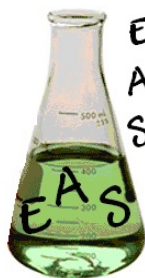
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**Analyzed By:**

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Terry Brindley

**Approved Signatory:**

*Terry Brindley*  
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### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
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Phone: 832-797-3059

E-Mail: greg@fernenvironmental.com

**Project:**

B127

0121-318

EAS Job: 21120801

Attn: Greg Lall

Date Analyzed: 12/13/2021 02:38 PM

Date Received: 12/08/2021 09:00 AM

TAT Requested: 3 Days

Microscope: PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
49 21120801.49	C	Gray Granular Plaster Homogeneous	NO	None Detected		Sand / Aggregates 80% Binders 20%
50 21120801.50	A	White Joint Compound Homogeneous	NO	None Detected	Cellulose 2%	Binders 98%
50 21120801.50	B	Brown/White Fibrous Drywall Non-Homogeneous	NO	None Detected	Cellulose 20%	Binders 80%
50 21120801.50	C	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%
50 21120801.50	D	White Fibrous Tape Homogeneous	NO	None Detected	Cellulose 100%	
51 21120801.51	A	Brown Floor Tile Non-Homogeneous	NO	None Detected		Other Non-Fibrous 100%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

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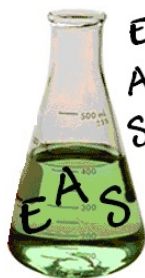
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Terry Brindley

Approved Signatory:

*Terry Brindley*  
Terry Brindley



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### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

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Phone: 832-797-3059

E-Mail: greg@fernenvironmental.com

**Project:**

B127

0121-318

EAS Job: 21120801

Attn: Greg Lall

Date Analyzed: 12/13/2021 03:55 PM

Date Received: 12/08/2021 09:00 AM

TAT Requested: 3 Days

Microscope: PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
51 21120801.51	B	Clear Mastic Homogeneous	NO	None Detected		Adhesive 100%
51 21120801.51	C	White Floor Tile Homogeneous	NO	None Detected		Other Non-Fibrous 100%
51 21120801.51	D	Yellow Mastic Homogeneous	NO	None Detected	Cellulose 2%	Adhesive 98%
52 21120801.52	A	Beige Floor Tile Homogeneous	NO	None Detected		Other Non-Fibrous 100%
52 21120801.52	B	Black Tar Mastic Homogeneous	YES	Chrysotile 2%		Bitumen 98%
53 21120801.53	A	White Joint Compound Homogeneous	NO	None Detected	Cellulose 2%	Binders 98%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

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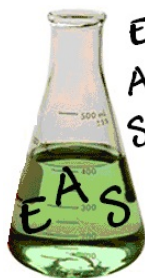
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Terry Brindley

Approved Signatory:

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**Test: EPA 600/R-93/116**  
**Polarized Light Microscopy**

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

**Phone:** 832-797-3059

**E-Mail:** greg@fernenvironmental.com

**Project:**

B127

0121-318

**EAS Job:** 21120801

**Attn:** Greg Lall

**Date Analyzed:** 12/13/2021 02:38 PM

**Date Received:** 12/08/2021 09:00 AM

**TAT Requested:** 3 Days

**Microscope:** PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
53 21120801.53	B	Brown/White Fibrous Drywall Non-Homogeneous	NO	None Detected	Cellulose 20%	Binders 80%
53 21120801.53	C	White Texture Non-Homogeneous	NO	None Detected	Cellulose 2%	Binders / Paint 98%
53 21120801.53	D	White Fibrous Tape Homogeneous	NO	None Detected	Cellulose 100%	
54 21120801.54	A	Gray Fibrous Wallboard Homogeneous	NO	None Detected	Cellulose 40%	Binders 60%
55 21120801.55	A	Gray Granular Mortar Homogeneous	NO	None Detected		Sand / Aggregates 80% Binders 20%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

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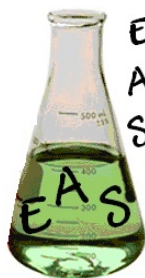
**Analyzed By:**

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**Approved Signatory:**

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**Test: EPA 600/R-93/116**  
**Polarized Light Microscopy**

**Client Information:**

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1900 West Gray, #131631  
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**Phone:** 832-797-3059

**E-Mail:** greg@fernenvironmental.com

**Project:**

B127

0121-318

**EAS Job:** 21120801

**Attn:** Greg Lall

**Date Analyzed:** 12/13/2021 03:05 PM

**Date Received:** 12/08/2021 09:00 AM

**TAT Requested:** 3 Days

**Microscope:** PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
56 21120801.56	A	Gray Granular Mortar Homogeneous	NO	None Detected		Sand / Aggregates 80% Binders 20%
57 21120801.57	A	Gray Granular Mortar Homogeneous	NO	None Detected		Sand / Aggregates 80% Binders 20%
58 21120801.58	A	Black Fibrous/Granular Shingle Non-Homogeneous	NO	None Detected	Fiberglass 20%	Sand / Aggregates 15% Asphaltic Matrix 65%
59 21120801.59	A	Black Fibrous/Granular Shingle Non-Homogeneous	NO	None Detected	Fiberglass 20%	Sand / Aggregates 15% Asphaltic Matrix 65%
60 21120801.60	A	White Caulk Homogeneous	NO	None Detected	Cellulose 2%	Other Non-Fibrous 98%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

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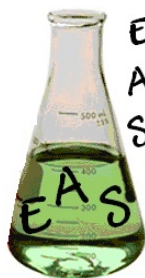
**Analyzed By:**

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Terry Brindley

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### Test: EPA 600/R-93/116 Polarized Light Microscopy

**Client Information:**

Fern Environmental  
1900 West Gray, #131631  
Houston, TX 77219

**Phone:** 832-797-3059

**E-Mail:** greg@fernenvironmental.com

**Project:**

B127

0121-318

**EAS Job:** 21120801

**Attn:** Greg Lall

**Date Analyzed:** 12/13/2021 03:59 PM

**Date Received:** 12/08/2021 09:00 AM

**TAT Requested:** 3 Days

**Microscope:** PLM Olympus BH-2,

Sample # Lab ID #	Layer	Sample Description	Asbestos Detected (Yes/No)	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
61 21120801.61	A	Red Caulk Homogeneous	NO	None Detected	Cellulose 2%	Other Non-Fibrous 98%
62 21120801.62	A	Red Caulk Homogeneous	NO	None Detected	Cellulose 2%	Other Non-Fibrous 98%
63 21120801.63	A	Red Caulk Homogeneous	NO	None Detected	Cellulose 2%	Other Non-Fibrous 98%
54 21120801.64	A	White Caulk Homogeneous	NO	None Detected	Cellulose 2%	Other Non-Fibrous 98%
65 21120801.65	A	Black Fibrous/Granular Shingle Non-Homogeneous	NO	None Detected	Fiberglass 20%	Sand / Aggregates 15% Asphaltic Matrix 65%

NVLAP Lab Code: 200784-0

TDSHS License No. 300373

LDEQ LELAP Certificate No: 04161, Agency Interest No. 149571

**Notes:**

Some samples (floor tiles, surfacing, etc.) may contain fibers too small to be detectable by PLM. TEM Chatfield analysis of bulk material is recommended in this case. All asbestos percentages are based on calibrated visual estimates traceable to NIST standards for regulated asbestos types. Analysts' percentages fall within a range of acceptable percentages, depending on the actual concentration of asbestos. This test report relates only to the items tested. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This report may not be reproduced except in full without permission from Environmental Analytical Services.

These results are submitted pursuant to EAS' current terms of sale, including the company's standard warranty and limitation of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, EAS will store the samples for a period of ninety (90) days before discarding. Percent ranges reported are estimates and not absolute percent range values.

**Analyzed By:**

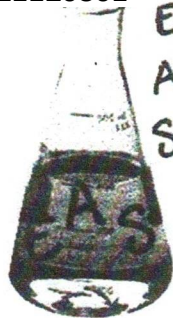
*Terry Brindley*  
Terry Brindley

**Approved Signatory:**

*Terry Brindley*  
Terry Brindley




Environmental  
Analytical  
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(713) 343 4017 • Fax (713) 934-9942  
E-mail [easlabs@aol.com](mailto: easlabs@aol.com)  
Lone Star Overnight Account #123757**

## CHAIN OF CUSTODY

Fern Environmental 1900 West Gray, #131631 Houston, TX 77219	Project Name B127	* Job ID:21120801  Fern Environmental
Number & Type of Sample: 65 PLM	Project Number 0121-318	

**TURNAROUND TIME:** ☐ 2 Hour ☐ 8 Hour ☐ 24 HOURS

☐ 2 Day ☒ 3 Day ☐ 5 DAY (ROUTINE)

☐ OTHER:

(Specify)

(NOTE: All Turnaround Times are Based on the Date / Time the Sample is Received by the Laboratory)

Contact Person: Greg Lall

Phone: #832-797-3059

Fax: #281-357-8868

Special Instructions: E-mail [greg@fernenvironmental.com](mailto:greg@fernenvironmental.com)

[illegible]

Relinquished By:

(signature) Date and Time: 12-7-21

Accepted By:

Jan 12/8/21 9:50  
(signature) Date and Time:

Page 1 of 5

# Sample Summary



Site: \_\_\_\_\_ Date: 12-6 Inspector: \_\_\_\_\_

Project #: \_\_\_\_\_ Building Info.: \_\_\_\_\_

Sample #	Description/Location
01	Unit 1 / GYPSUM BOARD WALL - 1st FLR
02	" PLASTER WALL - "
03	" FLOOR TILE - "
04	" WHITE GREY MASTIC - AC DUCT "
05	GYP BOARD CEILING 2nd fl
06	BEIGE 12"x12" W. BROWN STREAKS "
07	BLACK COVE BASE
08	Unit 2 BEIGE 12"x12" W. BROWN STREAKS / 1st FLR
09	BRICK MORTAR - N - 1st FL
10	WHITE DUCT INSULATION MASTIC "
11	GYP CEILING T "
12	PLASTER TEXTURE - CEILING - N - "
13	COVE BASE - N 2nd fl.
14	GYP WALL - S "
15	BEIGE 12"x12" FLOOR TILE S "
16	SOFFIT PANEL EXT. SE
17	" " " S
18	Unit 3 - WALL PLASTER 1st FL
19	BROWN VINYL FLOORING - N "
20	DUCT INSULATION SEAM MASTIC "
21	GYP WALL "

21120801 page 2 of 5



# Sample Summary



Site: \_\_\_\_\_ Date: 12-6- Inspector: \_\_\_\_\_

Project #: \_\_\_\_\_ Building Info.: \_\_\_\_\_

Sample #	Description/Location		
22	UNIT 3 GYP CLG.		2ND FLR
23	VINYL FLOORING		2ND FLR
24	UNIT 4 BRICK MORTAR - N		1ST FL
25	WALL PLASTER		"
26	AC DUCT INSULATION MASTIC		"
27	GYP WALL		"
28	BROWN VINYL FLOORING	S	"
29	" " "	S	2nd fl.
30	GYP CLG	S	
31	UNIT 5 BRICK MORTAR	S	1ST FL
32	PLASTER WALL	S	"
33	BEIGE 12"x12" FLOOR TILE	N	"
34	DUCT INSULATION SEAM MASTIC		"
35	GYP CEILING		1st
36	GYP WALL		2ND FLR
37	COVE BASE		2ND
38	BEIGE 12"x12" FLOOR TILE w BROWN STREAKS		"
39	UNIT 6 WALL PLASTER	N	1ST
40	BROWN VINYL FLOORING		"
41	GYP WALL	N	"
42	GYP CEILING	N	2ND

*A. Farn*  
12/8/21

# Sample Summary



Site: \_\_\_\_\_ Date: \_\_\_\_\_ Inspector: \_\_\_\_\_

Project #: \_\_\_\_\_ Building Info.: \_\_\_\_\_

Sample #	Description/Location
43	UNIT 6 BROWN FLOORING 2ND
44	UNIT 7 GYP CEILING 1ST
45	PLASTER WALL - S "
46	BEIGE 12"x12" FLOOR TILE N "
47	" " 2nd
48	GYP WALL "
49	UNIT 8 PLASTER WALL N 1st
50	GYP WALL "
51	BROWN VINYL FLOORING
52	BEIGE 12"x12" FLOOR TILE N 2nd
53	GYP CEILING 2nd
54	SOFFIT PANEL - EXT SW
55	BRICK MORTAR - S
56	" " - SW
57	" " - N
58	ROOF SHINGLE - N
59	" " - NE
60	WINDOW CAULKING - N
61	DOOR CAULKING - NE
62	" " - NW
63	DOOR, CAULKING - SW

*A. Farn*  
12/8/21

page 4 of 5



### Sample Summary



Site: \_\_\_\_\_ Date: \_\_\_\_\_ Inspector: \_\_\_\_\_

Project #: \_\_\_\_\_ Building Info.: \_\_\_\_\_

[illegible]

L. King  
12/8/24

page 5 of 5

**APPENDIX 3**  
**PHOTOGRAPHS**



## Photos



1. Beige 12"x12" floor tile with brown streaks



2. Brown vinyl flooring



3. Gypsum board wall and ceiling





4. White duct insulation seam mastic



5. Roof shingles and brick mortar