



PROJECT MANUAL

Renovation of 10 Scattered Sites Homes

IFB for Contract No. 600-31-24

GENERAL CONSTRUCTION

ELECTRICAL CONSTRUCTION

PLUMBING CONSTRUCTION

MECHANICAL CONSTRUCTION

Bids Due

October 25, 2024

10:00 am

Procurement Dept.
412 Boulevard of the Allies
6th Floor, Pittsburgh, PA
15219

**Attn:
Procurement
Department**

CONSULTANT: Fukui Architects

Issued: September 23, 2024

Caster D. Binion
Executive Director

Housing Authority of the City of Pittsburgh

Point of Contact: Darnell.Walker@hacp.org or 412-643-2806

FOR QUESTIONS ONLY: brandon.havranek@hacp.org

NOTICE TO PROSPECTIVE BIDDERS**September 12, 2024****INVITATION FOR BIDS (IFB)****Renovation of 10 Scattered Sites Homes**

The **HOUSING AUTHORITY OF THE CITY OF PITTSBURGH** will receive separate sealed bids for the following contracts:

GENERAL CONSTRUCTION**ELECTRICAL CONSTRUCTION****MECHANICAL CONSTRUCTION****PLUMBING CONSTRUCTION**

The estimated values of the project per contract noted above are in the following ranges:

GENERAL CONSTRUCTION	\$ 254,606.08	\$ 373,422.25
ELECTRICAL CONSTRUCTION	\$ 37,157.00	\$ 40,872.70
PLUMBING CONSTRUCTION	\$ 51,167.25	\$ 75,045.00
MECHANICAL CONSTRUCTION	\$ 39,243.00	\$ 57,556.40

Bid documents will be available on **September 23, 2024, AT 10:00 AM**

A Pre-Bid Conference will be held on **October 8, 2024, at 10:00 a.m.** at **412 Boulevard of the Allies, Pittsburgh, PA 15219 6th Floor (Conference Room C)**. The last day for submission of written questions will be **October 15, 2024, at 12:00 p.m.**

In addition to electronic submission, The Housing Authority of the City of Pittsburgh will only be accepting physical bids dropped off in person from 8:30 AM until the bid opening time of **10:00 a.m. on October 25, 2024**, in the lobby of **412 Boulevard of the Allies, Pittsburgh, PA 15219**. Sealed bids may still be mailed via USPS at which time they will be Time and Date Stamped at **412 Boulevard of the Allies, Pittsburgh, PA 15219**. All bids must be received at the above address no later than **10:00 a.m. on October 25, 2024**, regardless of the selected delivery mechanism.

The work must be substantially complete within **245** calendar days of the Notice to Proceed.

Point of contact for questions at the Housing Authority is Brandon Havranek at brandon.havranek@hacp.org.

Bid Documents, including the Bid Forms, Project Manual, and Drawings, may be obtained from the Business Opportunities Section of the HACP website, www.hacp.org. Prospective Bidders may register as a vendor on the website and download the documents free of charge. Electronic Versions of the Bid Documents may also be obtained in person, **Monday through Friday 8:30 a.m. to 4:30 p.m.** at the Housing Authority of the City of Pittsburgh located at **412 Boulevard of the Allies, Pittsburgh, PA 15219**.

PRE-BID MEETING

The Pre-Bid meeting will be held on **10/08/2024** at **10:00am** at the address listed below. Interested bidders may decide to attend.

LOCATION: 412 Boulevard of the Allies, 6th Floor, Pittsburgh, PA 15210 (Dev/Mod Dept., Conf Rm C)

PROPOSAL SUBMISSION

The Housing Authority of the City of Pittsburgh will be accepting physical proposals dropped off in person up until **October 25, 2024** at the closing time of **10:00am**. Bids may also be submitted electronically at the following Dropbox link (copy+past):

<https://www.dropbox.com/request/CEzYFFQoPFWO7Y81N3lx>

Bids can still be mailed via USPS at which time they will be Time and Date Stamped at Procurement Department, 412 Boulevard of the Allies, 6th Floor, Pittsburgh, PA 15219. All Bids must be received at the above address no later than October 25, 2024, at 10:00am., regardless of the selected delivery mechanism.

BID OPENING

The bid opening will be on **October 25, 2024**, at **10:00am** and will be conducted virtually via Zoom.

<https://hacp-org.zoom.us/j/84475279803?pwd=ddv9oIMcrbLbHCkLiEjMeCJw8ZA8fc.1>

Meeting ID: 844 7527 9803

Passcode: 260167

One tap mobile

+13126266799,,84475279803#,,, *260167# US (Chicago)

AWARD OF CONTRACT (S):

It is the intention of the Authority to award a contract to the lowest responsive and responsible bidder.

All bids shall remain open for the period specified in the IFB, which in no case shall be less than sixty (60) calendar days from the bid opening.

All bids of \$10,000 or more must be accompanied by a negotiable bid guarantee that shall not be less than 5% of the amount of the bid. No bid guarantee is required for bids under \$10,000. In accordance with 2 CFR 200.318(h) formerly 24 CFR Section 85.36(b)(8), the Authority is permitted to make awards only to responsible bidders possessing the ability to perform successfully under the terms and conditions of the proposed contract. Prior to award of any contract, the Authority shall conduct a pre-contract survey. Consideration will be given to such matters as bidder integrity, compliance with public policy, record of past performance, and financial and technical resources.

All bids must include a completed and signed Form of Agreement (Form 00500) as part of the bid. If the bid is successful and approved by HACP Board of Commissioners (if applicable), HACP will also sign the Form of Agreement thus creating a binding contract.

The successful bidder will be required to furnish an assurance of completion (performance and payment bond) each equal to 100% of the contract price.

The Authority reserves the right to reject any or all bids or to waive any informality in the bidding.

EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS:

The Contractor will be required to comply with all applicable Equal Employment Opportunity requirements for Federally-Assisted Construction Contracts. The Contractor must insure that employees and applicants for employment are not discriminated against because of race, color, religion, sexual preference, handicap or national origin.

A. Section 3 Participation

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 and with HUD's regulations set forth at 24 CFR Part 135 ("Section 3"). The purpose of Section 3 is to ensure that employment and other economic opportunities generated by HUD assistance shall be directed to low and very low-income persons, particularly persons who are recipients of HUD assistance for housing.

Please describe ways the Bidder will assist HACP to comply with HUD's Section 3 requirements for hiring HACP residents and/or local disadvantaged individuals and businesses by reviewing the Section 3 Clause and by completing **Document 00433 – Section 3 Form**.

Section 3 of the Housing and Urban Development Act of 1968, as amended (12 U.S.C. 1701, et seq.) (the “Act”) requires the Housing Authority of the City of Pittsburgh to ensure that employment and other economic and business opportunities generated by financial assistance from the Department of Housing and Urban Development (“HUD”), to the greatest extent feasible, are directed to public housing residents and other low income persons, particularly recipients of government housing assistance, and business concerns that provide economic opportunities to low and very low income persons.

To comply with the Act HACP requires its contractors to provide equal employment opportunity to all employees and applicants for employment without regard to race, color, religion, sex, national origin, disability, veteran’s or marital status, or economic status and to take affirmative action to ensure that both job applicants and existing employees are given fair and equal treatment.

The goal of this policy is to obtain a reasonable level of success in the recruitment, employment, and utilization of HACP residents and other eligible persons and/or businesses by contractors working on contracts partially or wholly funded with HUD monies. HACP shall examine and consider a contractor’s potential for success in providing employment and business opportunities to those covered under Section 3 prior to acting on any proposed contract award. In response to any RFP, RFQ or IFB HACP will require submission of the Section 3 Opportunities Plan and roster of current employees, and certification that the bidder will comply with the requirements of Section 3 either by hiring Section 3 employees to directly perform under the contract or by committing a dollar amount to HACP’s Section 3 program in an amount consistent with the chart below. Below are the HACP Section 3 Guidelines as listed in the HACP Section 3 Program Manual:

RESIDENT HIRING REQUIREMENTS / RESIDENT HIRING SCALE

TOTAL LABOR DOLLARS USE TOTAL CONTRACT AMOUNT FOR SERVICE CONTRACTS	RESIDENT LABOR AS A % OF TOTAL LABOR A. DOLLARS
Labor dollars \$25,000 but less than \$100,000	10% of the labor dollars
\$100,000, but less than \$200,000	9% of the labor dollars
At least \$200,000, but less than \$300,000	8% of the labor dollars
At least \$300,000, but less than \$400,000	7% of the labor dollars
At least \$400,000, but less than \$500,000	6% of the labor dollars
At least \$500,000, but less than \$1 million	5% of the labor dollars
At least \$1 million, but less than \$2 million	4% of the labor dollars
At least \$2 million, but less than \$4 million	3% of the labor dollars
At least \$4 million, but less than \$7 million	2% of the labor dollars
\$7 million or more	½ to 1 % of the labor dollars

****A copy of HACP’s Section 3 Program Manual is available for download at www.hacp.org**

A copy of HUD's Section 3 requirement is provided herein. If you have any questions regarding the Section 3 Requirements or would like to discuss goals and planning for Section 3 Requirements please contact Mr. Lloyd Wilson, Resident Employment Manager/Section 3 Coordinator, by e-mail at lloyd.wilson@hacp.org or by contacting him at the Housing Authority of the City of Pittsburgh, Resident Employment Program located at the Bedford Hope Center, 2305 Bedford Ave, Pittsburgh PA 15219, telephone (412) 395-3950, ext. 1048. Proposals must demonstrate how the Offeror intends to meet or exceed the Authority's Section 3 requirements. Proposals submitted without a Section 3 plan may be deemed nonresponsive. Also, please complete **Section 3 Opportunities Plan** and include with your proposal.

Any bid or proposal received from a contractor that does not contain a Section 3 Opportunities Plan or certification and back-up documentation acceptable to HACP shall be deemed non-responsive by HACP.

B. MBE/WBE Participation Plan

HACP MBE and WBE Goals. It is the policy of HACP to ensure that Minority Business Enterprises (MBEs) and Women-owned Businesses (WBEs) are provided maximum opportunity to participate in contracts let by HACP. In accordance with Executive Order 11625, HACP has established a minimum threshold of eighteen percent (18%) of the total dollar amount for MBE utilization in this contract. HACP has established a seven percent (7%) minimum threshold for participation of WBEs, and, HACP strongly encourages and affirmatively promotes the use of MBEs and WBEs in all HACP contracts. For these purposes, an MBE is defined as "any legal entity other than a joint venture, organized to engage in commercial transactions, that is at least fifty-one percent (51%) owned and controlled by one or more minority persons." Also, a minority person is defined as a member of a socially or economically disadvantaged minority group, which includes African-Americans, Hispanic-Americans, Native-Americans, and Asian-Americans. A WBE/MBE is defined as "any legal entity other than a joint venture, organized to engage in commercial transactions, that is at least fifty-one percent (51%) owned and controlled by a female.

Bids or proposals submitted in response to this solicitation MUST include an MBE/WBE participation plan which, at a minimum demonstrates "Best Efforts" have been taken to achieve compliance with MBE/WBE goals. HACP's Procurement Policy defines "Best Efforts" in compliance with MBE/WBE goals to mean that the contractor must certify and document with its bid or proposal that it has contacted in writing at least ten (10) certified MBE and ten (10) certified WBE subcontractors to participate in the proposed contract with or lesser number if the contractor provides documentation that ten (10) certified MBE/WBE contractors could not be identified. Each contractor shall certify as to same under penalty of perjury and shall submit the back-up documentation with its bid or proposal. Any bid or proposal received from a contractor that does not contain such certification and back-up documentation acceptable to HACP may be deemed non-responsive by HACP.

If you have any questions regarding the HACP MBE/WBE goals please contact Renelda Colvin, MBE/WBE Compliance Specialist, by e-mail at Renelda.colvin@hacp.org or by contacting her at the Procurement Department, Housing Authority of the City of Pittsburgh, 412 Boulevard of the Allies, Pittsburgh PA 15219, telephone (412) 643-2768. Bids or proposals must demonstrate how the Offerer intends to meet or exceed these goals.

The Authority's Minority and Woman Business (MBE/WBE) participation goals are as follows:

- MBE Goal: 18%
- WBE Goal: 7%

Additionally, please be advised that participation credit will be applied in accordance with the following classifications, as follows:

- Broker: 10% of contract face value
- Supplier: 60% of contract face value
- Bona Fide Contractor: 100% of contract face value
- All Professional Service Firms: 100% of contract face value

Vendor definitions for the above classifications are to be referenced in either the respective vendor MBE/WBE certifications or as defined in 49 CFR Part 26.

Please describe ways the Bidder will utilize MBE/WBE businesses to meet the goals above by completing **Document 00434 – MBE/WBE Solicitation & Commitment Record**.

Caster D. Binion
Executive Director
Housing Authority of the City of Pittsburgh



Development & Modernization

412 Boulevard of the Allies, 6th Floor

Pittsburgh, PA 15219

Phone: (412) 456-5116

Fax: (412) 456-5007

www.hacp.org

SPECIAL PROVISIONS

NOTICE TO ALL PROSPECTIVE BIDDERS

Renovation of 10 Scattered Sites Homes

CONTRACT NO. 600-31-24

Each successful bidder(s) shall be required to comply with the following special provisions:

A. Required Documents/Information

After bid opening and determination of the responsive and responsible bidder, but prior to Notice to Proceed each successful bidder for this project shall provide the following documents/information to HACP within ten (10) business days of receiving written notice thereof:

- (1) Insurance
- (2) Payment and Performance Bonds
- (3) Construction Schedule
- (4) Submittal Log and Corresponding Submittals

Please accept these special provisions by completing the information requested below:

Signature of Authorized Officer: _____ Date: _____

Name of Contractor: _____

Address: _____

Telephone Number: _____

Renovation of 10 Scattered Sites Homes

IFB CONTRACT NO. 600-31-24

HOUSING AUTHORITY OF THE CITY OF
PITTSBURGH DEVELOPMENT & MODERNIZATION
DEPARTMENT

412 Boulevard of the Allies
Pittsburgh, PA 15219
Phone: (412) 456-5020
Fax: (412) 456-5591

Issued: September 23, 2024

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

Renovation of 10 Scattered Sites Homes

HACP Contract No. 600-31-24

**PROJECT MANUAL
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<i>Instructions To Bidders</i>	HUD 5369 Document 00130	Instructions to Bidders for Contracts Pre-Bid Conference
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8/20/2024. PSI ASBESTOS ABATEMENT SPECIFICATION 02800 IS INCLUDED ALSO.

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To view the Matterport scan click on the link and provide the password. The password is the same for all the sites.

Password: HACP10TO117

7152 McPherson Blvd.

<https://my.matterport.com/show/?m=yZnpxWHj9xb>

2. 221 Wayside St.

<https://my.matterport.com/show/?m=nm8gFWgHhvU>

3. 1541 Chelton Avenue.

<https://my.matterport.com/show/?m=KU5L66Yze3B>

4. 958 Norwich Avenue.

<https://my.matterport.com/show/?m=14FXjdT2nSx>

5. 2337 Welford St.

<https://my.matterport.com/show/?m=HB4KZyCTGw6>

6. 2344 Palm Beach Avenue.

<https://my.matterport.com/show/?m=yyC9B8kLaMi>

7. 1318 Orangewood Avenue.

<https://my.matterport.com/show/?m=U9kuCRwSJjX>

8. 8332 Vidette St.

<https://my.matterport.com/show/?m=9BabQtcxgNP>

9. 1630 Dagmar Avenue.

<https://my.matterport.com/show/?m=mL2KpEMbKt7>

10. 2534 Neeld Avenue.

<https://my.matterport.com/show/?m=mcjUPcbxyv8>

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

Renovation of 10 Scattered Sites Homes

HACP CONTRACT NO. 600-31-24

INVITATION FOR BIDS LIST OF DOCUMENTS

The HOUSING AUTHORITY OF THE CITY OF PITTSBURGH will receive separate sealed bids for Renovation of 10 Scattered Sites Homes, for the following contracts:

GENERAL CONSTRUCTION
ELECTRICAL CONSTRUCTION
PLUMBING CONSTRUCTION
MECHANICAL CONSTRUCTION

A complete **Invitation for Bids (IFB)** consists of the following documents:

THE PROJECT MANUAL, dated September 23, 2024 consisting of:

Bidding Requirements, Contract Forms, Conditions of the Contract, Wage Determination, and the Specifications.

THE PROJECT DRAWINGS, as prepared by Fukui Architects, dated August 20, 2024.

THE BID PACKAGE, dated September 23, 2024 will be available online at hacp.org.

Blank bid document forms to be completed by the bidder;

ADDENDA will be issued as required.

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

IDENTIFICATION OF OWNER

The Owner of this project is the Housing Authority of the City of Pittsburgh, a body corporate and politic and created pursuant to the "Housing Authorities Law," an Act passed by the 1937 session of the Legislature of the Commonwealth of Pennsylvania, P.L. 955, approved May 28, 1937, hereinafter variously called the "Housing Authority of the City of Pittsburgh" (HACP), "The Authority," the "Local Housing Authority" (LHA), the "Public Housing Authority" (PHA), or the "Public Housing Authority/Indian Housing Authority" (PHA/IHA).

**Caster D. Binion
Executive Director
Housing Authority of the City of Pittsburgh**

**James D. Harris, Esquire
General Counsel
Housing Authority of the City of
Pittsburgh**

**Procurement Department
Housing Authority of the City of Pittsburgh**

**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 —

Contracting Officer
Legal Department
Housing Authority of the City of Pittsburgh
412 Boulevard of the Allies, 5th Floor
Pittsburgh, PA 15219

[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.

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

Renovation of 10 Scattered Sites Homes

HACP CONTRACT NO. 600-31-24

**NOTICE OF
PRE-BID CONFERENCE**

A Pre-Bid Conference will be held on October 8, 2024

- A Pre-Bid Conference will be held on October 8, 2024 at 10:00 am, at the _____. A site visit of the property will be conducted thereafter. Bidders shall be prepared to review all aspects of the site necessary to prepare a bid.
- Representatives of the Authority, the engineer and other interested parties will be in attendance.

All bidders are urged to attend.

- Bidders are responsible for examining the construction site. (Refer to "Instructions to Bidders for Contracts," Document HUD 5369, Clause 1, "Bid Preparation and Submission.") Notwithstanding the above, lack of attendance will not be a basis for rejecting a bid.
- Bidders are urged to examine the drawings and specifications prior to the Pre-Bid Conference.
- Nothing at the Pre-Bid Conference will change the terms of the IFB unless a subsequent Addendum is issued. (Refer to "Instructions to Bidders for Contracts," Document HUD 5369, Clause 2, "Explanations and Interpretations to Prospective Bidders.")

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

Renovation of 10 Scattered Sites Homes

HACP CONTRACT NO. 600-31-24

PROJECT SCHEDULE

NO LATER THAN
September 23, 2024

Invitation for Bids issued

October 8, 2024
10:00 am

Pre-Bid Conference

October 15, 2024
12:00 pm

Last day to submit written questions

October 25, 2024
10:00 am

Bids due

November 1, 2024
(estimated)

Notice of Award

December 1, 2024
(estimated)

Execution of Contracts

December 1, 2024
(estimated)

Pre-Construction Conference

December 1, 2024
(estimated)

Construction Start

245 calendar days
from effective date
of Notice to Proceed

All work required under this contract shall be complete

HACP Renovation of 10 Scattered Sites -**Project Details**

09-23-24

1. Units at Wolford and Vidette are Vacant and available immediately. They must be completed first and within 75 days of the Notice to Proceed. Liquidated damages apply thereafter. These units may be used for temporary relocation of residents. As such, the General Contractor will be required to perform a secondary final clean and touch up of each of these units prior to the conclusion of the project as directed by HACP.
2. The remaining 8 units are and are expected to remain Occupied during construction. These units will be available for start of construction after January 15, 2025. (See item 9. Below)
3. Completion of these 8 units shall be accomplished in the order designated by the General Contractor with the following to be achieved, and liquidated damages applied thereafter:

4 units (any addresses) substantially complete within 120 days of NTP

4 units (any addresses) substantially complete within 180 days of NTP

4. GC will be responsible for generating a comprehensive schedule with input and agreement from other primes. Other Primes must adhere to the schedule and liquidated damages apply to all Prime contractors. Any delay by any Prime will be monitored and documented.

Each Prime Contractor shall be required to sign the agreed upon schedule, attesting to their agreement with the Schedule and accepting their responsibility to 1) work with the General and all other Prime Contractors in completing the work according to the Schedule; 2) cooperate with others and work to avoid unnecessary delays whether caused by their workforce or others.

3) work with other Prime Contractors to mitigate unforeseen conditions and weather delays should they occur

5. All Prime Contractors shall be responsible for cooperating with all other Prime Contractors in the completion of their work. Punchlist Inspections will be performed at one time only per address and will include inspections for all primes. The General Contractor will be responsible for coordinating the date of the punch list inspection for all Primes so all punch list inspections will take place on the same day. Two weeks prior to scheduled Final Completion, the Prime Contractors shall inform the General that their work is completed or if there are any items that are incomplete, provide a list of those items to the General Contractor.
6. Several units have hazardous material abatement to be performed by a certified contractor in accordance with all applicable regulations. General Contractor is responsible for Hazardous Material abatement.

If it is practical, due to the nature and location of the materials, for the resident to remain in their home during abatement, all appropriate measures must be taken to ensure the resident is

properly safeguarded. Should temporary relocation of resident of any unit be required for abatement efforts, the duration of the abatement/clearance / relocation shall not exceed 3 days.

7. All Contractors must take care during construction in an occupied residence, keeping disruptions and dust/debris to a minimum. Prior to work being performed in occupied units, residents must be notified in writing 48 hours in advance. At the conclusion of each workday, the unit must be left tidy and with fully functioning utilities.
8. General Contractor will be required to move furniture or other resident belongings in order to access the work to be performed. Care shall be taken to catalog and protect all resident items. As such, the General Contractor will be required to fully photograph each unit prior to any construction efforts inclusive of packaging and or moving items.
9. The Units at McPherson, Chelton, Norwich, Orangewood and Dagmar include bathroom/kitchen renovations that may require the temporary relocation of residents. Should temporary relocation of residents be required for construction efforts, the duration of the construction efforts/ relocation shall not exceed 7 days.
10. To reduce the overall construction time and remove the uncertainty of material procurement, after Contract award, each Prime Contractor shall provide a list of long lead materials required to complete their work. Upon receipt of the Notice to Proceed, contractors are encouraged to pre- order long lead equipment and materials and have it available for construction. Each contractor is responsible for storage of their own materials/equipment. Approval of appropriate shop drawing(s) is required and should be considered in scheduling. Contractors shall field verify as needed.
11. Payment for stored materials is applicable per the requirements of HACP and HUD General Conditions.
12. Matterport files (3D Scan) of each unit are available and a link will be provided as part of the bid documents.

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

Renovation of 10 Scattered Sites Homes

HACP CONTRACT NO. 600-31-24

***SCOPE OF WORK FOR
GENERAL CONSTRUCTION***

The Contract for General Construction shall consist of the following component parts:

1. THE AGREEMENT

(Bound in the Project Manual)

THE BID	Document 00310 - Scope of Work for General Construction Document 00311 - Form of Bid for General Construction
THE FORM OF AGREEMENT	Document 00500 - Form of Agreement Document 00590 - Contracting Officer Certification
CONDITIONS OF THE CONTRACT	Document HUD - 5370 General Conditions HACP Document - Supplemental General Conditions Document 00830 - Wage Determination Schedule

2. PRIMARY SPECIFICATIONS FOR THE GENERAL CONSTRUCTION CONTRACT

(Bound in the Project Manual)

All Work contained in the Primary Specifications listed below is the Work of the Contractor for this General Construction Contract unless specifically indicated otherwise.

Any Reference in the Primary Specifications to the "Contractor," the "Prime Contractor," or the "General Contractor" shall be interpreted as meaning the Contractor for this General Construction Contract.

The General Contractor shall coordinate the schedule and activities of work performed by this and all other Prime Contracts, as identified by (G)-General, (P)-Plumbing, (H)-HVAC, and (E)-Electrical.

It is the contractual responsibility of the Contractor for General Construction to familiarize himself with the work of the other prime contractors so that the Project as a whole can proceed in an orderly fashion. Failure to familiarize work by other trades would not be an excuse for corrective measures at no cost to the City of Pittsburgh Housing Authority.

For example, the General Contractor shall coordinate installation of general construction work with the requirements of the Plumbing, Mechanical, and Electrical Contractors.

Reference Standard for Incidental Work: Incidental work, as used in this paragraph, is work which is not a basic part of other Prime Contracts but which is required by reference.

For example, the General Contractor is required by his Primary Specifications to install and repair all general work. In the event that the Plumbing Contractor disturbs the general work, the patching, repair shall be done and follow the same Specification requirements of the appropriate Specification Section by the Plumbing Contractor even if that specification section may not be part of the Plumbing Contractor's Primary Specification. The same applies to all trades where incidental work occurs.

TECHNICAL SPECIFICATIONS MAY BE FOUND AT PART FOUR
OF THE PROJECT MANUAL

PLEASE ALSO REFER TO DRAWINGS WHICH ALSO LIST THE SPECIFICATIONS

3. PRIMARY DRAWINGS FOR THE GENERAL CONSTRUCTION CONTRACT
(Contained in the set of Project Drawings issued simultaneously with this Project Manual)

All Work contained in the Primary Drawings listed below is the Work of this Contractor unless specifically indicated otherwise.

Any Reference to the "Contractor," the "Prime Contractor," or the "General Contractor" shall be interpreted as meaning the Contractor for this General Construction Contract.

The Primary Drawings for this contract consist of all Fukui Architects construction documents drawings, **dated** August 20, 2024 and specifications contained in this project manual.

In case of drawing conflict with specifications, it is understood that the specification shall supersede the drawings.

The Technical specifications are included in the drawings and therein General Contractor's work is identified by "(GC)".

The specification also includes PSI Specification for Asbestos Abatement 028000

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

Renovation of 10 Scattered Sites Homes

HACP Contract No. 600-31-24

FORM OF BID

GENERAL CONSTRUCTION

Contract No.: 600-31-24

TO: HOUSING AUTHORITY
CITY OF PITTSBURGH
*(Hereinafter called the
"Authority")*
412 Boulevard of the Allies
Pittsburgh, PA 15219

BIDDER:

(Bidder Name)

(Business Address)

(Telephone)

1. The undersigned Bidder, having visited the site, having become familiar with local conditions affecting the cost of the work, **including all City of Pittsburgh current code requirements**, and having become familiar with the Invitation for Bids (the IFB) issued by the Authority, which consists of the following:

- Project Manual, dated September 23, 2024 containing Bidding Requirements, Contract Forms, Conditions of the Contract, and Specifications
- Project Drawings, dated August 20, 2024
- Addenda (if any) as enumerated in this Form of Bid

hereby proposes to provide all supervision, technical personnel, labor, materials, machinery, tools, appurtenances, equipment and services required to construct and complete the General Construction Work as described in Document 00310 "Scope of Work for General Construction" and as indicated in the Drawings and Specifications, for the following Firm Fixed Price:

(Insert Bid Price in words) Dollars (\$ _____)
(Insert Bid Price in Figures)

2. Bid security [☐ is [☐ is not submitted with this bid.
(Check one)

Bid Security is in amount of:

_____ % of the bid OR _____ Dollars (\$ _____)

Bid Security is in the form of:

☐	Certified Check	☐	Bank Draft
☐	U.S. Govt. Bond	☐	Bid Bond (Document 00410)

3. The Bidder hereby acknowledges receipt of the following Addenda, if any, as issued by the Authority:

Total number of Addenda _____ (if none, so state)

Addendum No. _____ dated _____ Addendum No. _____ dated _____

Addendum No. _____ dated _____ Addendum No. _____ dated _____

Addendum No. _____ dated _____ Addendum No. _____ dated _____

Addendum No. _____ dated _____ Addendum No. _____ dated _____

Addendum No. _____ dated _____ Addendum No. _____ dated _____

Addendum No. _____ dated _____ Addendum No. _____ dated _____

4. The Bidder attaches hereto the Special Provisions (Document 00021);
5. The Bidder attaches hereto the Statement of Bidder's Qualifications (Document 00420);
6. The Bidder attaches hereto the Section 3 Opportunities Plan (Document 00433), MBE/WBE Solicitation and Commitment Record (Document 00434), Bidder Manpower Plan (Document 00435), and Previous Related Experience (Document 00436);
7. The Bidder attaches hereto the Bidder's Representations, Certifications and Other Statements of Bidders (Document HUD 5369-A), Previous Participation Certificate (Document HUD-2530);
8. The Bidder attaches hereto the Bidder's Special Provisions – Notice to All Prospective Bidders (Document 00437), Non-Collusion Affidavit (Document 00485);
9. The Bidder attaches hereto the completed Form of Agreement (Document 00500);
10. The Bidder attaches hereto the Supplemental General Conditions (HACP Document).

PROPRIETORSHIP SIGNATURE PAGE

SHEET - FB-I

(To be used when the Bidder is an individual doing business as a Sole Proprietorship.)

THE BIDDER CERTIFIES THAT THE BIDDER IS:

- ☐ An individual doing business in his/her own name
☐ An individual doing business under a fictitious or assumed name
(Complete Proprietorship Fictitious Name Disclosure below)

SIGNED, SEALED AND DELIVERED

this _____ day of _____ 20 _____.

	_____ (Printed or Typed Name)		_____ (Printed or Typed Name)	
Witness		Principal		
	{		{	
	_____ (Signature and Date)		_____ (Signature and Date)	

PROPRIETORSHIP FICTITIOUS NAME DISCLOSURE

(To be used when the Bidder is an individual doing business under a fictitious or assumed name.)

_____ is an individual trading under a fictitious or
(Proprietor's Name)

assumed name of _____ and ☐ has ☐ has not registered under
(Fictitious or Assumed Name Used as Bidder's Name) (Check one)

the Fictitious Names Act of Pennsylvania, namely the Act of May 24, 1945, P.L. 967, as amended, 54 P.S. sec. 281.1 et seq.

	_____ (Printed or Typed Name)		_____ (Printed or Typed Name)	
Witness		Principal		
	{		{	
	_____ (Signature and Date)		_____ (Signature and Date)	

PARTNERSHIP SIGNATURE PAGE

SHEET - FB-P-1

(To be used when the Bidder is an individual doing business as a Partnership.)

THE BIDDER CERTIFIES THAT THE BIDDER IS:

- ☐ A General Partnership (Attach completed Sheet FB-P-3)
 - ☐ Doing business under Partnership Name
 - ☐ Doing business under a fictitious or assumed name
(Complete Partnership Fictitious Name Disclosure Sheet FB-P-2)
- ☐ A Limited Partnership (Attach completed Sheet FB-P-3)
 - ☐ Doing business under Partnership Name
 - ☐ Doing business under a fictitious or assumed name
(Complete Partnership Fictitious Name Disclosure Sheet FB-P-2)

SIGNED, SEALED AND DELIVERED

this _____ day of _____ 20 _____.

<i>Witness</i>	_____ (Printed or Typed Name)	<i>Partner *</i>	_____ (Printed or Typed Name)
{		{	
	_____ (Signature and Date)		_____ (Signature and Date)
<i>Witness</i>	_____ (Printed or Typed Name)	<i>Partner *</i>	_____ (Printed or Typed Name)
{		{	
	_____ (Signature and Date)		_____ (Signature and Date)

- * If the Bidder is a partnership, the Bid and Contract must be signed in the name of the partnership by at least two general partners, and the names and addresses of all the partners must be listed on the certificate on Sheet FB-P-3.

PARTNERSHIP FICTITIOUS NAME DISCLOSURE

(To be used when the Bidder is a partnership doing business under a fictitious or assumed name.)

SHEET FB-P-2

_____ is a partnership trading under a fictitious or
(Partnership's Name)

assumed name of _____ and ☐ **has** ☐ **has not** registered under
(Fictitious or Assumed Name Used as Bidder's Name) *(Check one)*

the Fictitious Names Act of Pennsylvania, namely the Act of May 24, 1945,P.L.967, as amended, 54 P.S.sec.281.1 et seq.

<i>Witness</i>	_____ <i>(Printed or Typed Name)</i>	<i>Partner*</i>	_____ <i>(Printed or Typed Name)</i>
	{		{
	_____ <i>(Signature and Date)</i>		_____ <i>(Signature and Date)</i>

PARTNERSHIP CERTIFICATE
(To be used when the Bidder is a partnership.)

SHEET FB-P-3

I, as partner of _____,
(Name of Partnership)
certify that the following are the names and addresses of all the partners of said partnership.

Name: _____ Name: _____

Address: _____ Address: _____

City: _____ City: _____

Name: _____ Name: _____

Address: _____ Address: _____

City: _____ City: _____

Name: _____ Name: _____

Address: _____ Address: _____

City: _____ City: _____

Name: _____ Name: _____

Address: _____ Address: _____

City: _____ City: _____

(Use additional sheets as required.)

<i>Witness</i>	_____ <i>(Printed or Typed Name)</i>	<i>Partner*</i>	_____ <i>(Printed or Typed Name)</i>
{		{	
	_____ <i>(Signature and Date)</i>		_____ <i>(Signature and Date)</i>

CORPORATION SIGNATURE PAGE

(To be used when the bidder is a corporation.)

SHEET FB-C-1

THE BIDDER CERTIFIES THAT THE BIDDER IS:

- ☐ A corporation doing business in its own name
☐ A corporation doing business under a fictitious or assumed name
(Complete Corporation Fictitious Name Disclosure FB-C-2)

SIGNED, SEALED AND DELIVERED

this _____ day of _____ 20 _____.

(CORPORATE
SEAL)

(Corporate Name)

(Printed or Typed Name)

(Printed or Typed Name)

Witness

{

President
V.P. **

{

(Signature and Date)

(Signature and Date)

(Corporate Title)

(Corporate Title)

** If the bidder is a corporation, the Bid and the Contract must be executed in the Corporation's correct corporate name by its President or Vice President and attested to by its Secretary or Assistant Secretary or Treasurer or Assistant Treasurer, and the Certification of Corporate Principal (Doc. 00625) must be executed by the Secretary or Assistant Secretary.

CORPORATION FICTITIOUS NAME DISCLOSURE
(To be used when the Bidder is a corporation doing business under a fictitious or assumed name.)

SHEET FB-C-2

_____ is a corporation trading under a fictitious or
(Corporation's Name)

assumed name of _____ and ☐ **has** ☐ **has not** registered under
(Fictitious or Assumed Name Used as Bidder's Name) (Check one)

the Fictitious Names Act of Pennsylvania, namely the Act of May 24, 1945, P.L. 967, as amended, 54 P.S. sec. 281.1 et seq.

<i>Witness</i>	_____ <i>(Printed or Typed Name)</i> { _____ <i>(Signature and Date)</i>	<i>President</i> <i>V.P. **</i> {	_____ <i>(Printed or Typed Name)</i> { _____ <i>(Signature and Date)</i>
----------------	---	--	---

****** If the bidder is a corporation, the Bid and the Contract must be executed in the Corporation's correct corporate name by its President or Vice President and attested to by its Secretary or Assistant Secretary or Treasurer or Assistant Treasurer, and the Certification of Corporate Principal (Doc. 00625) must be executed by the Secretary or Assistant Secretary.

CORPORATION CERTIFICATE

(To be used when the bidder is a corporation)

SHEET FB-C-3

_____ is a corporation organized and existing
(Corporate name used as Bidder name)

under the laws of the state of _____ with its principal place of business at:

_____, _____, _____
(Street Address) (City) (State)

and, if a non-Pennsylvania corporation ☐ **has** ☐ **has not** (check one) been granted a certificate of authority to do business in Pennsylvania as required by the Pennsylvania Business Corporation Law, approved May 5, 1933, P.L. 364, as amended, 15 P.S. sec.2005 et seq.

I, _____, certify that I am the ☐ **Secretary** ☐ **Assistant Secretary** of the
(check one)
Corporation named a Bidder herein; that _____ who signed
this Bid on behalf of the Corporation was then _____ of said Corporation that
(President/V.P.) **

I know his signature and his signature thereto is genuine; and that said Bid was duly signed, sealed and attested in behalf of said Corporation by authority of its governing body.

(CORPORATE
SEAL)

(Signature and Date)

** If the bidder is a corporation, the Bid and the Contract must be executed in the Corporation's correct corporate name by its President or Vice President and its Secretary or Assistant Secretary or Treasurer or Assistant Treasurer, and the above Certificate must be executed by the Secretary or Assistant Secretary

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

Renovation of 10 Scattered Sites Homes

HACP CONTRACT NO. 600-31-24

***SCOPE OF WORK FOR
ELECTRICAL CONSTRUCTION***

The Contract for Electrical Construction shall consist of the following component parts:

1. THE AGREEMENT

(Bound in the Project Manual)

THE BID	Document 00320 - Scope of Work for Electrical Construction Document 00321 - Form of Bid for Electrical Construction
THE FORM OF AGREEMENT	Document 00500 - Form of Agreement Document 00590 - Contracting Officer Certification
CONDITIONS OF THE CONTRACT	Document HUD - 5370 General Conditions HACP Document - Supplemental General Conditions Document 00830 - Wage Determination Schedule

2. PRIMARY SPECIFICATIONS FOR THE ELECTRICAL CONSTRUCTION CONTRACT

(Bound in the Project Manual)

All Work contained in the Primary Specifications listed below is the Work of the Contractor for this Electrical Construction Contract unless specifically indicated otherwise.

Any Reference in the Primary Specifications to the "Contractor," the "Prime Contractor," or the "Electrical Contractor" shall be interpreted as meaning the Contractor for this Electrical Construction Contract.

The Electrical Contractor shall coordinate the schedule and activities of work performed under this contract with that of those contracts identified as (G)-General, (P)-Plumbing, and (H)-HVAC.

It is the contractual responsibility of the Contractor for Electrical Construction to familiarize himself with the work of the other prime contractors so that the Project as a whole can proceed in an orderly fashion. Failure to familiarize work by other trades would not be an excuse for corrective measures at no cost to the City of Pittsburgh Housing Authority.

For example, the Electrical Contractor shall coordinate installation of electrical construction work with the requirements of the Plumbing, Mechanical, and General Contractors.

Reference Standard for Incidental Work: Incidental work, as used in this paragraph, is work which is not a basic part of other Prime Contracts but which is required by reference.

For example, the General Contractor is required by his Primary Specifications to install and repair all general work. In the event that the Plumbing Contractor disturbs the general work, the patching, repair shall be done and follow the same Specification requirements of the appropriate Specification Section by the Plumbing Contractor even if that specification section may not be part of the Plumbing Contractor's Primary Specification. The same applies to all trades where incidental work occurs.

TECHNICAL SPECIFICATIONS MAY BE FOUND AT PART FOUR
OF THE PROJECT MANUAL

PLEASE ALSO REFER TO DRAWINGS THAT INCLUDE THE SPECIFICATIONS.

3. PRIMARY DRAWINGS FOR THE ELECTRICAL CONSTRUCTION CONTRACT
(Contained in the set of Project Drawings issued simultaneously with this Project Manual)

All Work contained in the Primary Drawings listed below is the Work of this Contractor unless specifically indicated otherwise.

Any Reference to the "Contractor," the "Prime Contractor," or the "Electrical Contractor" shall be interpreted as meaning the Contractor for this Electrical Construction Contract.

The Primary Drawings for this contract consist of all Fukui Architects construction documents drawings, **dated** August 20, 2024 and specifications contained in this project manual.

In case of drawing conflict with specifications, it is understood that the specification shall supersede the drawings.

Electrical Contractor's work is identified by "(E)".

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH
Renovation of 10 Scattered Sites Homes

HACP Contract No. 600-31-24

FORM OF BID

ELECTRICAL CONSTRUCTION

Contract No.: 600-31-24

TO: HOUSING AUTHORITY
CITY OF PITTSBURGH
*(Hereinafter called the
"Authority")*
412 Boulevard of the Allies
Pittsburgh, PA 15219

BIDDER:

(Bidder Name)

(Business Address)

(Telephone)

1. The undersigned Bidder, having visited the site, having become familiar with local conditions affecting the cost of the work, **including all City of Pittsburgh current code requirements**, and having become familiar with the Invitation for Bids (the IFB) issued by the Authority, which consists of the following:

- Project Manual, dated September 23, 2024, containing Bidding Requirements, Contract Forms, Conditions of the Contract, and Specifications
- Project Drawings, dated August 20, 2024
- Addenda (if any) as enumerated in this Form of Bid

hereby proposes to provide all supervision, technical personnel, labor, materials, machinery, tools, appurtenances, equipment and services required to construct and complete the Electrical Construction Work as described in Document 00320 "Scope of Work for Electrical Construction" and as indicated in the Drawings and Specifications, for the following Firm Fixed Price:

(Insert Bid Price in words) Dollars (\$ _____)
(Insert Bid Price in Figures)

2. Bid security [☐ is [☐ is not submitted with this bid.
(Check one)

Bid Security is in amount of:

_____ % of the bid OR _____ Dollars (\$ _____)

Bid Security is in the form of:

☐	Certified Check	☐	Bank Draft
☐	U.S. Govt. Bond	☐	Bid Bond (Document 00410)

3. The Bidder hereby acknowledges receipt of the following Addenda, if any, as issued by the Authority:

Total number of Addenda _____ (if none, so state)

Addendum No. _____ dated _____	Addendum No. _____ dated _____
Addendum No. _____ dated _____	Addendum No. _____ dated _____
Addendum No. _____ dated _____	Addendum No. _____ dated _____
Addendum No. _____ dated _____	Addendum No. _____ dated _____
Addendum No. _____ dated _____	Addendum No. _____ dated _____
Addendum No. _____ dated _____	Addendum No. _____ dated _____

4. The Bidder attaches hereto the Special Provisions (Document 00021);
5. The Bidder attaches hereto the Statement of Bidder's Qualifications (Document 00420);
6. The Bidder attaches hereto the Section 3 Opportunities Plan (Document 00433), MBE/WBE Solicitation and Commitment Record (Document 00434), Bidder Manpower Plan (Document 00435), and Previous Related Experience (Document 00436);
7. The Bidder attaches hereto the Bidder's Representations, Certifications and Other Statements of Bidders (Document HUD 5369-A), Previous Participation Certificate (Document HUD-2530);
8. The Bidder attaches hereto the Bidder's Special Provisions – Notice to All Prospective Bidders (Document 00437), Non-Collusion Affidavit (Document 00485);
9. The Bidder attaches hereto the completed Form of Agreement (Document 00500);
10. The Bidder attaches hereto the Supplemental General Conditions (HACP Document).

PROPRIETORSHIP SIGNATURE PAGE

SHEET - FB-I

(To be used when the Bidder is an individual doing business as a Sole Proprietorship.)

THE BIDDER CERTIFIES THAT THE BIDDER IS:

- ☐ An individual doing business in his/her own name
☐ An individual doing business under a fictitious or assumed name
(Complete Proprietorship Fictitious Name Disclosure below)

SIGNED, SEALED AND DELIVERED

this _____ day of _____ 20 _____.

	_____ (Printed or Typed Name)	<i>Principal</i>	_____ (Printed or Typed Name)
<i>Witness</i>	{		{
	_____ (Signature and Date)		_____ (Signature and Date)

PROPRIETORSHIP FICTITIOUS NAME DISCLOSURE

(To be used when the Bidder is an individual doing business under a fictitious or assumed name.)

_____ is an individual trading under a fictitious or
(Proprietor's Name)

assumed name of _____ and ☐ has ☐ has not registered under
(Fictitious or Assumed Name Used as Bidder's Name) (Check one)

the Fictitious Names Act of Pennsylvania, namely the Act of May 24, 1945, P.L. 967, as amended, 54 P.S. sec. 281.1 et seq.

	_____ (Printed or Typed Name)	<i>Principal</i>	_____ (Printed or Typed Name)
<i>Witness</i>	{		{
	_____ (Signature and Date)		_____ (Signature and Date)

PARTNERSHIP SIGNATURE PAGE

SHEET - FB-P-1

(To be used when the Bidder is an individual doing business as a Partnership.)

THE BIDDER CERTIFIES THAT THE BIDDER IS:

- ☐ A General Partnership (Attach completed Sheet FB-P-3)
 - ☐ Doing business under Partnership Name
 - ☐ Doing business under a fictitious or assumed name
(Complete Partnership Fictitious Name Disclosure Sheet FB-P-2)
- ☐ A Limited Partnership (Attach completed Sheet FB-P-3)
 - ☐ Doing business under Partnership Name
 - ☐ Doing business under a fictitious or assumed name
(Complete Partnership Fictitious Name Disclosure Sheet FB-P-2)

SIGNED, SEALED AND DELIVERED

this _____ day of _____ 20 _____.

<i>Witness</i>	_____ (Printed or Typed Name)	<i>Partner *</i>	_____ (Printed or Typed Name)
{		{	
	_____ (Signature and Date)		_____ (Signature and Date)
<i>Witness</i>	_____ (Printed or Typed Name)	<i>Partner *</i>	_____ (Printed or Typed Name)
{		{	
	_____ (Signature and Date)		_____ (Signature and Date)

- * If the Bidder is a partnership, the Bid and Contract must be signed in the name of the partnership by at least two general partners, and the names and addresses of all the partners must be listed on the certificate on Sheet FB-P-3.

PARTNERSHIP FICTITIOUS NAME DISCLOSURE

(To be used when the Bidder is a partnership doing business under a fictitious or assumed name.)

SHEET FB-P-2

_____ is a partnership trading under a fictitious or
(Partnership's Name)

assumed name of _____ and ☐ **has** ☐ **has not** registered under
(Fictitious or Assumed Name Used as Bidder's Name) *(Check one)*

the Fictitious Names Act of Pennsylvania, namely the Act of May 24, 1945,P.L.967, as amended, 54 P.S.sec.281.1 et seq.

<i>Witness</i>	_____ <i>(Printed or Typed Name)</i>	<i>Partner*</i>	_____ <i>(Printed or Typed Name)</i>
	{		{
	_____ <i>(Signature and Date)</i>		_____ <i>(Signature and Date)</i>

PARTNERSHIP CERTIFICATE
(To be used when the Bidder is a partnership.)

SHEET FB-P-3

I, as partner of _____,
(Name of Partnership)
certify that the following are the names and addresses of all the partners of said partnership.

Name: _____ Name: _____

Address: _____ Address: _____

City: _____ City: _____

Name: _____ Name: _____

Address: _____ Address: _____

City: _____ City: _____

Name: _____ Name: _____

Address: _____ Address: _____

City: _____ City: _____

Name: _____ Name: _____

Address: _____ Address: _____

City: _____ City: _____

(Use additional sheets as required.)

<i>Witness</i>	_____ (Printed or Typed Name)	<i>Partner*</i>	_____ (Printed or Typed Name)
{		{	
	_____ (Signature and Date)		_____ (Signature and Date)

CORPORATION SIGNATURE PAGE

(To be used when the bidder is a corporation.)

SHEET FB-C-1

THE BIDDER CERTIFIES THAT THE BIDDER IS:

- ☐ A corporation doing business in its own name
☐ A corporation doing business under a fictitious or assumed name
(Complete Corporation Fictitious Name Disclosure FB-C-2)

SIGNED, SEALED AND DELIVERED

this _____ day of _____ 20 _____.

(CORPORATE
SEAL)

(Corporate Name)

(Printed or Typed Name)

(Printed or Typed Name)

Witness

{

President
V.P. **

{

(Signature and Date)

(Signature and Date)

(Corporate Title)

(Corporate Title)

** If the bidder is a corporation, the Bid and the Contract must be executed in the Corporation's correct corporate name by its President or Vice President and attested to by its Secretary or Assistant Secretary or Treasurer or Assistant Treasurer, and the Certification of Corporate Principal (Doc. 00625) must be executed by the Secretary or Assistant Secretary.

CORPORATION FICTITIOUS NAME DISCLOSURE
(To be used when the Bidder is a corporation doing business under a fictitious or assumed name.)

SHEET FB-C-2

_____ is a corporation trading under a fictitious or
(Corporation's Name)

assumed name of _____ and ☐ **has** ☐ **has not** registered under
(Fictitious or Assumed Name Used as Bidder's Name) (Check one)

the Fictitious Names Act of Pennsylvania, namely the Act of May 24, 1945,P.L.967, as amended, 54 P.S.sec.281.1 et seq.

<i>Witness</i>	_____ (Printed or Typed Name)		_____ (Printed or Typed Name)
	<i>President</i>		
	<i>V.P. **</i>		
	{	{	
	_____ (Signature and Date)		_____ (Signature and Date)

****** If the bidder is a corporation, the Bid and the Contract must be executed in the Corporation's correct corporate name by its President or Vice President and attested to by its Secretary or Assistant Secretary or Treasurer or Assistant Treasurer, and the Certification of Corporate Principal (Doc. 00625) must be executed by the Secretary or Assistant Secretary.

CORPORATION CERTIFICATE

(To be used when the bidder is a corporation)

SHEET FB-C-3

_____ is a corporation organized and existing
(Corporate name used as Bidder name)

under the laws of the state of _____ with its principal place of business at:

_____, _____, _____
(Street Address) (City) (State)

and, if a non-Pennsylvania corporation ☐ **has** ☐ **has not** *(check one)* been granted a certificate of authority to do business in Pennsylvania as required by the Pennsylvania Business Corporation Law, approved May 5, 1933, P.L. 364, as amended, 15 P.S. sec.2005 et seq.

I, _____, certify that I am the ☐ **Secretary** ☐ **Assistant Secretary** of the
(check one)
Corporation named a Bidder herein; that _____ who signed

this Bid on behalf of the Corporation was then _____ of said Corporation that
*(President/V.P.) ***

I know his signature and his signature thereto is genuine; and that said Bid was duly signed, sealed and attested in behalf of said Corporation by authority of its governing body.

*(CORPORATE
SEAL)*

(Signature and Date)

****** If the bidder is a corporation, the Bid and the Contract must be executed in the Corporation's correct corporate name by its President or Vice President and its Secretary or Assistant Secretary or Treasurer or Assistant Treasurer, and the above Certificate must be executed by the Secretary or Assistant Secretary

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

Renovation of 10 Scattered Sites Homes

HACP CONTRACT NO. 600-31-24

***SCOPE OF WORK FOR
PLUMBING CONSTRUCTION***

The Contract for Plumbing Construction shall consist of the following component parts:

1. THE AGREEMENT
(Bound in the Project Manual)

THE BID	Document 00330 - Scope of Work for Plumbing Construction Document 00331 - Form of Bid for Plumbing Construction
THE FORM OF AGREEMENT	Document 00500 - Form of Agreement Document 00590 - Contracting Officer Certification
CONDITIONS OF THE CONTRACT	Document HUD - 5370 General Conditions HACP Document - Supplemental General Conditions Document 00830 - Wage Determination Schedule

2. PRIMARY SPECIFICATIONS FOR THE PLUMBING CONSTRUCTION CONTRACT
(Bound in the Project Manual)

All Work contained in the Primary Specifications listed below is the Work of the Contractor for this Plumbing Construction Contract unless specifically indicated otherwise.

Any Reference in the Primary Specifications to the "Contractor," the "Prime Contractor," or the "Plumbing Contractor" shall be interpreted as meaning the Contractor for this Plumbing Construction Contract.

The Plumbing Contractor shall coordinate the schedule and activities of work performed under this contract with that of those contracts identified as (G)-General, (E)-Electrical, and (H)-HVAC.

It is the contractual responsibility of the Contractor for Plumbing Construction to familiarize himself with the work of the other prime contractors so that the Project as a whole can proceed in an orderly fashion. Failure to familiarize work by other trades would not be an excuse for corrective measures at no cost to the City of Pittsburgh Housing Authority.

For example, the Plumbing Contractor shall coordinate installation of plumbing construction work with the requirements of the Electrical, Mechanical, and General Contractors.

Reference Standard for Incidental Work: Incidental work, as used in this paragraph, is work which is not a basic part of other Prime Contracts but which is required by reference.

For example, the General Contractor is required by his Primary Specifications to install and repair all general work. In the event that the Plumbing Contractor disturbs the general work, the patching, repair shall be done and follow the same Specification requirements of the appropriate Specification Section by the Plumbing Contractor even if that specification section may not be part of the Plumbing Contractor's Primary Specification. The same applies to all trades where incidental work occurs.

TECHNICAL SPECIFICATIONS MAY BE FOUND AT PART FOUR
OF THE PROJECT MANUAL

PLEASE ALSO REFER TO DRAWINGS

3. PRIMARY DRAWINGS FOR THE PLUMBING CONSTRUCTION CONTRACT
(Contained in the set of Project Drawings issued simultaneously with this Project Manual)

All Work contained in the Primary Drawings listed below is the Work of this Contractor unless specifically indicated otherwise.

Any Reference to the "Contractor," the "Prime Contractor," or the "Plumbing Contractor" shall be interpreted as meaning the Contractor for this Plumbing Construction Contract.

The Primary Drawings for this contract consist of all Fukui Architects construction documents drawings, **dated** August 20, 2024 and specifications contained in this project manual.

In case of drawing conflict with specifications, it is understood that the specification shall supersede the drawings.

Plumbing Contractor's work is identified by "(P)".

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

Renovation of 10 Scattered Sites Homes

HACP Contract No. 600-31-24

FORM OF BID

PLUMBING CONSTRUCTION

Contract No.: 600-31-24

TO: HOUSING AUTHORITY
CITY OF PITTSBURGH
*(Hereinafter called the
"Authority")*
412 Boulevard of the Allies
Pittsburgh, PA 15219

BIDDER:

(Bidder Name)

(Business Address)

(Telephone)

1. The undersigned Bidder, having visited the site, having become familiar with local conditions affecting the cost of the work, **including all City of Pittsburgh current code requirements**, and having become familiar with the Invitation for Bids (the IFB) issued by the Authority, which consists of the following:

- Project Manual, dated September 23, 2024, containing Bidding Requirements, Contract Forms, Conditions of the Contract, and Specifications
- Project Drawings, dated August 20, 2024
- Addenda (if any) as enumerated in this Form of Bid

hereby proposes to provide all supervision, technical personnel, labor, materials, machinery, tools, appurtenances, equipment and services required to construct and complete the Plumbing Construction Work as described in Document 00330 "Scope of Work for Plumbing Construction" and as indicated in the Drawings and Specifications, for the following Firm Fixed Price:

(Insert Bid Price in words) Dollars (\$ _____)
(Insert Bid Price in Figures)

2. Bid security [☐ is [☐ is not submitted with this bid.
(Check one)

Bid Security is in amount of:

_____ % of the bid OR _____ Dollars (\$ _____)

Bid Security is in the form of:

☐	Certified Check	☐	Bank Draft
☐	U.S. Govt. Bond	☐	Bid Bond (Document 00410)

3. The Bidder hereby acknowledges receipt of the following Addenda, if any, as issued by the Authority:

Total number of Addenda _____ (if none, so state)

Addendum No. _____ dated _____	Addendum No. _____ dated _____
Addendum No. _____ dated _____	Addendum No. _____ dated _____
Addendum No. _____ dated _____	Addendum No. _____ dated _____
Addendum No. _____ dated _____	Addendum No. _____ dated _____
Addendum No. _____ dated _____	Addendum No. _____ dated _____
Addendum No. _____ dated _____	Addendum No. _____ dated _____

4. The Bidder attaches hereto the Special Provisions (Document 00021);
5. The Bidder attaches hereto the Statement of Bidder's Qualifications (Document 00420);
6. The Bidder attaches hereto the Section 3 Opportunities Plan (Document 00433), MBE/WBE Solicitation and Commitment Record (Document 00434), Bidder Manpower Plan (Document 00435), and Previous Related Experience (Document 00436);
7. The Bidder attaches hereto the Bidder's Representations, Certifications and Other Statements of Bidders (Document HUD 5369-A), Previous Participation Certificate (Document HUD-2530);
8. The Bidder attaches hereto the Bidder's Special Provisions – Notice to All Prospective Bidders (Document 00437), Non-Collusion Affidavit (Document 00485);
9. The Bidder attaches hereto the completed Form of Agreement (Document 00500);
10. The Bidder attaches hereto the Supplemental General Conditions (HACP Document).

PROPRIETORSHIP SIGNATURE PAGE

SHEET - FB-I

(To be used when the Bidder is an individual doing business as a Sole Proprietorship.)

THE BIDDER CERTIFIES THAT THE BIDDER IS:

- ☐ An individual doing business in his/her own name
☐ An individual doing business under a fictitious or assumed name
(Complete Proprietorship Fictitious Name Disclosure below)

SIGNED, SEALED AND DELIVERED

this _____ day of _____ 20 _____.

	_____ (Printed or Typed Name)	<i>Principal</i>	_____ (Printed or Typed Name)
<i>Witness</i>	{		{
	_____ (Signature and Date)		_____ (Signature and Date)

PROPRIETORSHIP FICTITIOUS NAME DISCLOSURE

(To be used when the Bidder is an individual doing business under a fictitious or assumed name.)

_____ is an individual trading under a fictitious or
(Proprietor's Name)

assumed name of _____ and ☐ has ☐ has not registered under
(Fictitious or Assumed Name Used as Bidder's Name) (Check one)

the Fictitious Names Act of Pennsylvania, namely the Act of May 24, 1945, P.L. 967, as amended, 54 P.S. sec. 281.1 et seq.

	_____ (Printed or Typed Name)	<i>Principal</i>	_____ (Printed or Typed Name)
<i>Witness</i>	{		{
	_____ (Signature and Date)		_____ (Signature and Date)

PARTNERSHIP SIGNATURE PAGE

SHEET - FB-P-1

(To be used when the Bidder is an individual doing business as a Partnership.)

THE BIDDER CERTIFIES THAT THE BIDDER IS:

- ☐ A General Partnership (Attach completed Sheet FB-P-3)
 - ☐ Doing business under Partnership Name
 - ☐ Doing business under a fictitious or assumed name
(Complete Partnership Fictitious Name Disclosure Sheet FB-P-2)
- ☐ A Limited Partnership (Attach completed Sheet FB-P-3)
 - ☐ Doing business under Partnership Name
 - ☐ Doing business under a fictitious or assumed name
(Complete Partnership Fictitious Name Disclosure Sheet FB-P-2)

SIGNED, SEALED AND DELIVERED

this _____ day of _____ 20 _____.

<i>Witness</i>	_____ (Printed or Typed Name)	<i>Partner *</i>	_____ (Printed or Typed Name)
{		{	
	_____ (Signature and Date)		_____ (Signature and Date)
<i>Witness</i>	_____ (Printed or Typed Name)	<i>Partner *</i>	_____ (Printed or Typed Name)
{		{	
	_____ (Signature and Date)		_____ (Signature and Date)

- * If the Bidder is a partnership, the Bid and Contract must be signed in the name of the partnership by at least two general partners, and the names and addresses of all the partners must be listed on the certificate on Sheet FB-P-3.

PARTNERSHIP FICTITIOUS NAME DISCLOSURE

(To be used when the Bidder is a partnership doing business under a fictitious or assumed name.)

SHEET FB-P-2

_____ is a partnership trading under a fictitious or
(Partnership's Name)

assumed name of _____ and ☐ **has** ☐ **has not** registered under
(Fictitious or Assumed Name Used as Bidder's Name) *(Check one)*

the Fictitious Names Act of Pennsylvania, namely the Act of May 24, 1945,P.L.967, as amended, 54 P.S.sec.281.1 et seq.

<i>Witness</i>	_____ <i>(Printed or Typed Name)</i>	<i>Partner*</i>	_____ <i>(Printed or Typed Name)</i>
	{		{
	_____ <i>(Signature and Date)</i>		_____ <i>(Signature and Date)</i>

PARTNERSHIP CERTIFICATE
(To be used when the Bidder is a partnership.)

SHEET FB-P-3

I, as partner of _____,
(Name of Partnership)
certify that the following are the names and addresses of all the partners of said partnership.

Name: _____ Name: _____

Address: _____ Address: _____

City: _____ City: _____

Name: _____ Name: _____

Address: _____ Address: _____

City: _____ City: _____

Name: _____ Name: _____

Address: _____ Address: _____

City: _____ City: _____

Name: _____ Name: _____

Address: _____ Address: _____

City: _____ City: _____

(Use additional sheets as required.)

<i>Witness</i>	_____	<i>Partner*</i>	_____
	<i>(Printed or Typed Name)</i>		<i>(Printed or Typed Name)</i>
	{		{
_____		_____	
	<i>(Signature and Date)</i>		<i>(Signature and Date)</i>

CORPORATION SIGNATURE PAGE

(To be used when the bidder is a corporation.)

SHEET FB-C-1

THE BIDDER CERTIFIES THAT THE BIDDER IS:

- ☐ A corporation doing business in its own name
- ☐ A corporation doing business under a fictitious or assumed name
(Complete Corporation Fictitious Name Disclosure FB-C-2)

SIGNED, SEALED AND DELIVERED

this _____ day of _____ 20 _____.

(CORPORATE
SEAL)

(Corporate Name)

(Printed or Typed Name)

(Printed or Typed Name)

Witness

{

President

V.P. **

{

(Signature and Date)

(Signature and Date)

(Corporate Title)

(Corporate Title)

** If the bidder is a corporation, the Bid and the Contract must be executed in the Corporation's correct corporate name by its President or Vice President and attested to by its Secretary or Assistant Secretary or Treasurer or Assistant Treasurer, and the Certification of Corporate Principal (Doc. 00625) must be executed by the Secretary or Assistant Secretary.

CORPORATION FICTITIOUS NAME DISCLOSURE
(To be used when the Bidder is a corporation doing business under a fictitious or assumed name.)

SHEET FB-C-2

_____ is a corporation trading under a fictitious or
(Corporation's Name)

assumed name of _____ and ☐ **has** ☐ **has not** registered under
(Fictitious or Assumed Name Used as Bidder's Name) *(Check one)*

the Fictitious Names Act of Pennsylvania, namely the Act of May 24, 1945, P.L. 967, as amended, 54 P.S. sec. 281.1 et seq.

<i>Witness</i>	_____ <i>(Printed or Typed Name)</i>		_____ <i>(Printed or Typed Name)</i>
	<i>President</i>		
	<i>V.P. **</i>		
	{	{	
	_____ <i>(Signature and Date)</i>		_____ <i>(Signature and Date)</i>

****** If the bidder is a corporation, the Bid and the Contract must be executed in the Corporation's correct corporate name by its President or Vice President and attested to by its Secretary or Assistant Secretary or Treasurer or Assistant Treasurer, and the Certification of Corporate Principal (Doc. 00625) must be executed by the Secretary or Assistant Secretary.

CORPORATION CERTIFICATE
(To be used when the bidder is a corporation)

SHEET FB-C-3

_____ is a corporation organized and existing
(Corporate name used as Bidder name)

under the laws of the state of _____ with its principal place of business at:

_____, _____, _____
(Street Address) (City) (State)

and, if a non-Pennsylvania corporation ☐ **has** ☐ **has not** *(check one)* been granted a certificate of authority to do business in Pennsylvania as required by the Pennsylvania Business Corporation Law, approved May 5, 1933, P.L. 364, as amended, 15 P.S. sec.2005 et seq.

I, _____, certify that I am the ☐ **Secretary** ☐ **Assistant Secretary** of the
(check one)
Corporation named a Bidder herein; that _____ who signed
this Bid on behalf of the Corporation was then _____ of said Corporation that
*(President/V.P.) ***

I know his signature and his signature thereto is genuine; and that said Bid was duly signed, sealed and attested in behalf of said Corporation by authority of its governing body.

*(CORPORATE
SEAL)*

(Signature and Date)

****** If the bidder is a corporation, the Bid and the Contract must be executed in the Corporation's correct corporate name by its President or Vice President and its Secretary or Assistant Secretary or Treasurer or Assistant Treasurer, and the above Certificate must be executed by the Secretary or Assistant Secretary

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

Renovation of 10 Scattered Sites Homes

HACP CONTRACT NO. 600-31-24

***SCOPE OF WORK FOR
MECHANICAL CONSTRUCTION***

The Contract for Mechanical Construction shall consist of the following component parts:

1. THE AGREEMENT

(Bound in the Project Manual)

THE BID	Document 00340 - Scope of Work for Mechanical Construction Document 00341 - Form of Bid for Mechanical Construction
THE FORM OF AGREEMENT	Document 00500 - Form of Agreement Document 00590 - Contracting Officer Certification
CONDITIONS OF THE CONTRACT	Document HUD - 5370 General Conditions HACP Document - Supplemental General Conditions Document 00830 - Wage Determination Schedule

2. PRIMARY SPECIFICATIONS FOR THE MECHANICAL CONSTRUCTION CONTRACT

(Bound in the Project Manual)

All Work contained in the Primary Specifications listed below is the Work of the Contractor for this Mechanical Construction Contract unless specifically indicated otherwise.

Any Reference in the Primary Specifications to the "Contractor," the "Prime Contractor," or the "Mechanical Contractor" shall be interpreted as meaning the Contractor for this Mechanical Construction Contract.

The Mechanical Contractor shall coordinate the schedule and activities of work performed under this contract with that of those contracts identified as (G)-General, (E)-Electrical, and (P)-Plumbing.

It is the contractual responsibility of the Contractor for Mechanical Construction to familiarize himself with the work of the other prime contractors so that the Project as a whole can proceed in an orderly fashion. Failure to familiarize work by other trades would not be an excuse for corrective measures at no cost to the City of Pittsburgh Housing Authority.

For example, the Mechanical Contractor shall coordinate installation of mechanical construction work with the requirements of the Electrical, Plumbing, and General Contractors.

Reference Standard for Incidental Work: Incidental work, as used in this paragraph, is work which is not a basic part of other Prime Contracts but which is required by reference.

For example, the General Contractor is required by his Primary Specifications to install and repair all general work. In the event that the Plumbing Contractor disturbs the general work, the patching, repair shall be done and follow the same Specification requirements of the appropriate Specification Section by the Plumbing Contractor even if that specification section may not be part of the Plumbing Contractor's Primary Specification. The same applies to all trades where incidental work occurs.

TECHNICAL SPECIFICATIONS MAY BE FOUND AT PART FOUR
OF THE PROJECT MANUAL

PLEASE ALSO REFER TO DRAWINGS

3. PRIMARY DRAWINGS FOR THE MECHANICAL CONSTRUCTION CONTRACT
(Contained in the set of Project Drawings issued simultaneously with this Project Manual)

All Work contained in the Primary Drawings listed below is the Work of this Contractor unless specifically indicated otherwise.

Any Reference to the "Contractor," the "Prime Contractor," or the "Mechanical Contractor" shall be interpreted as meaning the Contractor for this Mechanical Construction Contract.

The Primary Drawings for this contract consist of all Fukui Architects construction documents drawings, **dated August 20, 2024** and specifications contained in this project manual.

In case of drawing conflict with specifications, it is understood that the specification shall supersede the drawings.

Technical specifications are included in the drawings and therein Mechanical Contractor's work is identified by "(M)"

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH
Renovation of 10 Scattered Sites Homes

HACP Contract No. 600-31-24

FORM OF BID

MECHANICAL CONSTRUCTION

Contract No.: 600-31-24

TO: HOUSING AUTHORITY
CITY OF PITTSBURGH
*(Hereinafter called the
"Authority")*
412 Boulevard of the Allies
Pittsburgh, PA 15219

BIDDER:

(Bidder Name)

(Business Address)

(Telephone)

1. The undersigned Bidder, having visited the site, having become familiar with local conditions affecting the cost of the work, **including all City of Pittsburgh current code requirements**, and having become familiar with the Invitation for Bids (the IFB) issued by the Authority, which consists of the following:

- Project Manual, dated September 23, 20, containing Bidding Requirements, Contract Forms, Conditions of the Contract, and Specifications
- Project Drawings, dated August 20, 2024
- Addenda (if any) as enumerated in this Form of Bid

hereby proposes to provide all supervision, technical personnel, labor, materials, machinery, tools, appurtenances, equipment and services required to construct and complete the Mechanical Construction Work as described in Document 00340 "Scope of Work for Mechanical Construction" and as indicated in the Drawings and Specifications, for the following Firm Fixed Price:

(Insert Bid Price in words) Dollars (\$ _____)
(Insert Bid Price in Figures)

2. Bid security [☐ is [☐ is not submitted with this bid.
(Check one)

Bid Security is in amount of:

_____ % of the bid OR _____ Dollars (\$ _____)

Bid Security is in the form of:

☐	Certified Check	☐	Bank Draft
☐	U.S. Govt. Bond	☐	Bid Bond (Document 00410)

3. The Bidder hereby acknowledges receipt of the following Addenda, if any, as issued by the Authority:

Total number of Addenda _____ (if none, so state)

Addendum No. _____ dated _____ Addendum No. _____ dated _____

Addendum No. _____ dated _____ Addendum No. _____ dated _____

Addendum No. _____ dated _____ Addendum No. _____ dated _____

Addendum No. _____ dated _____ Addendum No. _____ dated _____

Addendum No. _____ dated _____ Addendum No. _____ dated _____

Addendum No. _____ dated _____ Addendum No. _____ dated _____

4. The Bidder attaches hereto the Special Provisions (Document 00021);
5. The Bidder attaches hereto the Statement of Bidder's Qualifications (Document 00420);
6. The Bidder attaches hereto the Section 3 Opportunities Plan (Document 00433), MBE/WBE Solicitation and Commitment Record (Document 00434), Bidder Manpower Plan (Document 00435), and Previous Related Experience (Document 00436);
7. The Bidder attaches hereto the Bidder's Representations, Certifications and Other Statements of Bidders (Document HUD 5369-A), Previous Participation Certificate (Document HUD-2530);
8. The Bidder attaches hereto the Bidder's Special Provisions – Notice to All Prospective Bidders (Document 00437), Non-Collusion Affidavit (Document 00485);
9. The Bidder attaches hereto the completed Form of Agreement (Document 00500);
10. The Bidder attaches hereto the Supplemental General Conditions (HACP Document).

PROPRIETORSHIP SIGNATURE PAGE

SHEET - FB-I

(To be used when the Bidder is an individual doing business as a Sole Proprietorship.)

THE BIDDER CERTIFIES THAT THE BIDDER IS:

- ☐ An individual doing business in his/her own name
☐ An individual doing business under a fictitious or assumed name
(Complete Proprietorship Fictitious Name Disclosure below)

SIGNED, SEALED AND DELIVERED

this _____ day of _____ 20 _____.

	_____ (Printed or Typed Name)	<i>Principal</i>	_____ (Printed or Typed Name)
<i>Witness</i>	{		{
	_____ (Signature and Date)		_____ (Signature and Date)

PROPRIETORSHIP FICTITIOUS NAME DISCLOSURE

(To be used when the Bidder is an individual doing business under a fictitious or assumed name.)

_____ is an individual trading under a fictitious or
(Proprietor's Name)

assumed name of _____ and ☐ **has** ☐ **has not** registered under
(Fictitious or Assumed Name Used as Bidder's Name) (Check one)

the Fictitious Names Act of Pennsylvania, namely the Act of May 24, 1945, P.L. 967, as amended, 54 P.S. sec. 281.1 et seq.

	_____ (Printed or Typed Name)	<i>Principal</i>	_____ (Printed or Typed Name)
<i>Witness</i>	{		{
	_____ (Signature and Date)		_____ (Signature and Date)

PARTNERSHIP SIGNATURE PAGE

SHEET - FB-P-1

(To be used when the Bidder is an individual doing business as a Partnership.)

THE BIDDER CERTIFIES THAT THE BIDDER IS:

- ☐ A General Partnership (Attach completed Sheet FB-P-3)
 - ☐ Doing business under Partnership Name
 - ☐ Doing business under a fictitious or assumed name
(Complete Partnership Fictitious Name Disclosure Sheet FB-P-2)
- ☐ A Limited Partnership (Attach completed Sheet FB-P-3)
 - ☐ Doing business under Partnership Name
 - ☐ Doing business under a fictitious or assumed name
(Complete Partnership Fictitious Name Disclosure Sheet FB-P-2)

SIGNED, SEALED AND DELIVERED

this _____ day of _____ 20 _____.

<i>Witness</i>	_____ (Printed or Typed Name)	<i>Partner *</i>	_____ (Printed or Typed Name)
{	_____	{	_____
	_____ (Signature and Date)		_____ (Signature and Date)
<i>Witness</i>	_____ (Printed or Typed Name)	<i>Partner *</i>	_____ (Printed or Typed Name)
{	_____	{	_____
	_____ (Signature and Date)		_____ (Signature and Date)

- * If the Bidder is a partnership, the Bid and Contract must be signed in the name of the partnership by at least two general partners, and the names and addresses of all the partners must be listed on the certificate on Sheet FB-P-3.

PARTNERSHIP FICTITIOUS NAME DISCLOSURE

(To be used when the Bidder is a partnership doing business under a fictitious or assumed name.)

SHEET FB-P-2

_____ is a partnership trading under a fictitious or
(Partnership's Name)

assumed name of _____ and ☐ **has** ☐ **has not** registered under
(Fictitious or Assumed Name Used as Bidder's Name) *(Check one)*

the Fictitious Names Act of Pennsylvania, namely the Act of May 24, 1945,P.L.967, as amended, 54 P.S.sec.281.1 et seq.

<i>Witness</i>	_____ <i>(Printed or Typed Name)</i>	<i>Partner*</i>	_____ <i>(Printed or Typed Name)</i>
	{		{
	_____ <i>(Signature and Date)</i>		_____ <i>(Signature and Date)</i>

PARTNERSHIP CERTIFICATE
(To be used when the Bidder is a partnership.)

SHEET FB-P-3

I, as partner of _____,
(Name of Partnership)
certify that the following are the names and addresses of all the partners of said partnership.

Name: _____ Name: _____

Address: _____ Address: _____

City: _____ City: _____

Name: _____ Name: _____

Address: _____ Address: _____

City: _____ City: _____

Name: _____ Name: _____

Address: _____ Address: _____

City: _____ City: _____

Name: _____ Name: _____

Address: _____ Address: _____

City: _____ City: _____

(Use additional sheets as required.)

<i>Witness</i>	_____	<i>Partner*</i>	_____
	<i>(Printed or Typed Name)</i>		<i>(Printed or Typed Name)</i>
	{		{
	_____		_____
	<i>(Signature and Date)</i>		<i>(Signature and Date)</i>

CORPORATION SIGNATURE PAGE

(To be used when the bidder is a corporation.)

SHEET FB-C-1

THE BIDDER CERTIFIES THAT THE BIDDER IS:

- ☐ A corporation doing business in its own name
☐ A corporation doing business under a fictitious or assumed name
(Complete Corporation Fictitious Name Disclosure FB-C-2)

SIGNED, SEALED AND DELIVERED

this _____ day of _____ 20 _____.

(CORPORATE
SEAL)

(Corporate Name)

(Printed or Typed Name)

(Printed or Typed Name)

Witness

{

President

V.P. **

{

(Signature and Date)

(Signature and Date)

(Corporate Title)

(Corporate Title)

** If the bidder is a corporation, the Bid and the Contract must be executed in the Corporation's correct corporate name by its President or Vice President and attested to by its Secretary or Assistant Secretary or Treasurer or Assistant Treasurer, and the Certification of Corporate Principal (Doc. 00625) must be executed by the Secretary or Assistant Secretary.

CORPORATION FICTITIOUS NAME DISCLOSURE
(To be used when the Bidder is a corporation doing business under a fictitious or assumed name.)

SHEET FB-C-2

_____ is a corporation trading under a fictitious or
(Corporation's Name)

assumed name of _____ and ☐ **has** ☐ **has not** registered under
(Fictitious or Assumed Name Used as Bidder's Name) (Check one)

the Fictitious Names Act of Pennsylvania, namely the Act of May 24, 1945, P.L. 967, as amended, 54 P.S. sec. 281.1 et seq.

<i>Witness</i>	_____ <i>(Printed or Typed Name)</i> { _____ <i>(Signature and Date)</i>	<i>President</i> <i>V.P. **</i> {	_____ <i>(Printed or Typed Name)</i> { _____ <i>(Signature and Date)</i>
----------------	---	--	---

****** If the bidder is a corporation, the Bid and the Contract must be executed in the Corporation's correct corporate name by its President or Vice President and attested to by its Secretary or Assistant Secretary or Treasurer or Assistant Treasurer, and the Certification of Corporate Principal (Doc. 00625) must be executed by the Secretary or Assistant Secretary.

CORPORATION CERTIFICATE
(To be used when the bidder is a corporation)

SHEET FB-C-3

_____ is a corporation organized and existing
(Corporate name used as Bidder name)

under the laws of the state of _____ with its principal place of business at:

_____, _____, _____
(Street Address) (City) (State)

and, if a non-Pennsylvania corporation ☐ **has** ☐ **has not** (check one) been granted a certificate of authority to do business in Pennsylvania as required by the Pennsylvania Business Corporation Law, approved May 5, 1933, P.L. 364, as amended, 15 P.S. sec.2005 et seq.

I, _____, certify that I am the ☐ **Secretary** ☐ **Assistant Secretary** of the
(check one)
Corporation named a Bidder herein; that _____ who signed
this Bid on behalf of the Corporation was then _____ of said Corporation that
(President/V.P.) **

I know his signature and his signature thereto is genuine; and that said Bid was duly signed, sealed and attested in behalf of said Corporation by authority of its governing body.

(CORPORATE
SEAL)

(Signature and Date)

** If the bidder is a corporation, the Bid and the Contract must be executed in the Corporation's correct corporate name by its President or Vice President and its Secretary or Assistant Secretary or Treasurer or Assistant Treasurer, and the above Certificate must be executed by the Secretary or Assistant Secretary

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we,

_____, as Principal, and
(Insert name and address of Bidder exactly as it appears on Form of Bid)

_____, as Sureties, are
held and firmly bound unto the Housing Authority of the City of Pittsburgh, its certain attorney, successors, or assigns
(the Obligee, hereinafter called the "Authority") in the penal sum of

_____ Dollars (\$_____)

lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our
heirs, personal representatives, successors, and assigns, jointly and severally, firmly by these presents:

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas, the Principal simultaneously submits to
the Authority the accompanying bid, dated

_____, 20_____ (the "Bid"), for construction of
(Insert date of bid)

(Insert name of project exactly as it appears on Form of Bid)
pursuant to specifications, drawings and other related documents constituting the Invitation for Bids (the "IFB").

NOW, THEREFORE, if the Principal shall not withdraw said bid within the period specified therein after the
opening of the same, or, if no period be specified, within sixty (60) days after the said opening, and shall within the
period specified therefore, or, if no period be specified within ten (10) days after the prescribed forms are presented to
him for signature, enter into a written contract with the Authority in accordance with the bid as accepted, and give
bonds with good and sufficient surety or sureties, as may be required for the faithful performance and proper
fulfillment of such contract and for the payment of labor and materialmen or in the event of the withdrawal of said bid
within the period specified, or the failure to enter into such contract and give such bonds within the time specified, if
the Principal shall pay the Authority the difference between the amount specified in said bid and the amount for which
the Authority may procure the required work or supplies or both, if the latter amount be in excess of the former, then
the above obligation shall be void and of no effect, otherwise to remain in full force and virtue.

SIGNED, SEALED AND DELIVERED IN _____ ORIGINAL COUNTERPARTS

this _____ day of _____ 20_____.

IF THE PRINCIPAL IS AN INDIVIDUAL, SIGN HERE

_____ <i>(Printed or Typed Name)</i>	_____ <i>(Printed or Typed Name)</i>
<i>Witness</i>	<i>Principal</i>
{	{
_____ <i>(Signature and Date)</i>	_____ <i>(Signature and Date)</i>

SURETY SIGN HERE

<i>(SURETY SEAL)</i>	
_____ <i>(Printed or Typed Name)</i>	_____ <i>(Printed or Typed Name)</i>
<i>Attest</i>	<i>Surety***</i>
{	{
_____ <i>(Signature and Date)</i>	_____ <i>(Signature and Date)</i>

*** Power of attorney must be attached to this Bid Bond.

SIGNED, SEALED AND DELIVERED IN _____ ORIGINAL COUNTERPARTS

this _____ day of _____ 20_____.

IF THE PRINCIPAL IS A PARTNERSHIP, SIGN HERE

	_____ (Printed or Typed Name)		_____ (Printed or Typed Name)
<i>Witness</i>	{	<i>Partner*</i>	{
	_____ (Signature and Date)		_____ (Signature and Date)
	_____ (Printed or Typed Name)		_____ (Printed or Typed Name)
<i>Witness</i>	{	<i>Partner*</i>	{
	_____ (Signature and Date)		_____ (Signature and Date)

* If the Bidder is a partnership, the Bond must be signed in the name of the partnership by at least two general partners, whose names and addresses must be listed on the certificate on page BF-3-P of the Bid.

SURETY SIGN HERE

(SURETY
SEAL)

	_____ (Printed or Typed Name)		_____ (Printed or Typed Name)
<i>Attest</i>	{	<i>Surety***</i>	{
	_____ (Signature and Date)		_____ (Signature and Date)

*** Power of attorney must be attached to this Bid Bond.

SIGNED, SEALED AND DELIVERED IN _____ ORIGINAL COUNTERPARTS

this _____ day of _____ 20_____.

IF THE PRINCIPAL IS A CORPORATION, SIGN HERE

(CORPORATE
SEAL)

(Corporate Name)

(Printed or Typed Name)

(Printed or Typed Name)

Attest

{

President
V.P. **

{

(Signature and Date)

(Signature and Date)

(Corporate Title)

(Corporate Title)

** If the bidder is a corporation, the Bond must be executed in the Corporation's correct corporate name by its President or Vice President and attested to by its Secretary or Assistant Secretary or Treasurer or Assistant Treasurer, and the Certification of Corporate Principal below must be executed by the Secretary or Assistant Secretary.

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____, certify that I am the
[] **Secretary** [] **Assistant Secretary** of the Corporation named a Bidder herein; that
(check one)

_____ who signed this Bid on behalf of the

Corporation was then _____ of said Corporation that I know his
signature and his signature thereto is genuine; and that said Bid was duly signed, sealed and attested
in behalf of said Corporation by authority of its governing body.

(CORPORATE
SEAL)

(Signature and Date)

SURETY SIGN HERE

(SURETY
SEAL)

(Printed or Typed Name)

(Printed or Typed Name)

Attest

{

*Surety****

{

(Signature and Date)

(Signature and Date)

*** Power of attorney must be attached to this Bid Bond.

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

STATEMENT OF BIDDER'S QUALIFICATIONS

Renovation of 10 Scattered Sites Homes

(Bidder's Name)

(Project Name)

(Address)

600-31-24

(HACP Project No.)

Names of not more than two principals to contact:

Name: _____

Name: _____

Title: _____

Title: _____

Telephone: _____

Telephone: _____

AUTHORIZATION:

Excerpt from HUD 7460.8-REV-1 AND 24 CFR 85.36(b)(8) & 24 CFR 905.160(a)(3):

"The evaluation of a contractor's ability to perform a contract is known as determining the contractor's responsibility. Has **shall** make awards only to **responsible** contractors possessing the ability to perform successfully under the terms and conditions of a proposed contract. Consideration **shall** be given to such matters as **contractor integrity, compliance with public policy, record of past performance, and financial and technical resources**.

"The award of a contract to an offeror **shall** not be made solely on the basis of the lowest evaluated price without considering the firm's ability to perform the required work. Some of the specific factors to consider include (1) whether the contractor performed satisfactorily on other HA Contracts, (2) is the contractor suspended or debarred from Federal Contracts, and (3) have other HAs has satisfactory performance from this contractor.

"A pre-award survey may entail an on-site inspection of the offeror's facilities, including a review of financial statements, record keeping, production capacity, or similar factors that impact on the ability to perform the contract.

"Recent unsatisfactory performance regarding either quality or timeliness of delivery is an example of a problem which the Contracting Officer **shall** consider and resolve as to its impact on the current procurement prior to making an affirmative determination of responsibility.

ORGANIZATION

THE BIDDER IS:

- ☐ An individual doing business in his/her own name
- ☐ An individual doing business under a fictitious or assumed name

- ☐ A General Partnership
 - ☐ Doing business under Partnership Name
 - ☐ Doing business under a fictitious or assumed name

- ☐ A Limited Partnership
 - ☐ Doing business under Partnership Name
 - ☐ Doing business under a fictitious or assumed name

- ☐ A corporation doing business in its own name
- ☐ A corporation doing business under a fictitious or assumed name

How many years has the bidder been in business as a Contractor? _____

How many years has the bidder been in business under its present business name? _____

Under what other or former names has the bidder operated?

PAST PERFORMANCE

CLAIMS AND SUITS. (If the answer to any of the questions below is yes, please attach explanation.)

☐ Yes ☐ No Has the Bidder ever failed to complete any work awarded to it?

☐ Yes ☐ No Are there any judgments, claims, arbitration proceedings or suits pending or outstanding against the bidder or its officers?

☐ Yes ☐ No Has the bidder filed any law suits or requested arbitration with regard to construction contracts within the last five years?

☐ Yes ☐ No Within the last five years, has any officer or principal of the bidder ever been an officer or principal of another organization when it failed to complete a construction contract? (If answer is yes, please attach details.)

State average annual amount of construction work performed during the past five years:
\$ _____

State total worth of work in progress and under contract: \$ _____

On a separate sheet, list major construction projects the bidder has in progress, giving the name of project, owner, architect, contract amount, percent complete and scheduled completion date.

On a separate sheet, list the major projects the bidder has completed in the past five years, giving the name of project, owner, architect, contract amount, date of completion and percentage of the cost of the work performed with your own forces.

FINANCIAL RESOURCES

Financial Statement.

Attach a financial statement (audited if available), including the bidder's latest balance sheet and income statement showing the following items:

Current Assets (e.g. cash, joint venture accounts, accounts receivable, notes receivable, accrued income, deposits, materials inventory and prepaid expenses);
Net Fixed Assets;
Other Assets;
Current Liabilities (e.g. accounts payable, notes payable, accrued expenses, provision for income taxes, advances, accrued salaries and accrued payroll taxes);
Other Liabilities (e.g. capital, capital stock, authorized and outstanding shares par values, earned surplus and retained earnings).

Name and address of firm preparing attached financial statement, and date thereof:

☐ **Yes** ☐ **No** Is the attached financial statement for the identical organization named on page one?

If not, explain the relationship and financial responsibility of the organization whose financial statement is provided (e.g., parent-subsiary).

☐ **Yes** ☐ **No** Will the organization whose financial statement is attached act as guarantor of the contract for construction?

TECHNICAL RESOURCES

Licensing:

List jurisdictions and trade categories in which the bidder is legally qualified to do business, and indicate registration or license numbers, if applicable.

Experiences:

List the categories of work that the bidder normally performs with its own forces.

On a separate sheet, list the construction experience and present commitments of the key individuals of the bidder.

REFERENCES

List Trade References (use separate sheet if necessary):

List Bank References (use separate sheet if necessary):

List previous HUD/USDA-FmHA projects and Section 8 Contracts (formerly Schedule A on HUD-2530). Applicable to construction contracts exceeding \$50,000. List each principals name, previous project, principal's participation role and interest, and disclose defaults, mortgage relief, assignments and foreclosures. **Note that having a Master Schedule on file with HUD will not meet this requirement.**

Certifications: I (meaning the individual who signs as well as the corporations, partnerships or other parties listed above who certify) hereby apply to HUD or USDA-FmHA, as the case may be, for approval to participate as a principal in the role and project listed above based upon my following previous participation record of this Certification.

I certify that all the statements made by me are true, complete and correct to the best of my knowledge and belief and are made in good faith, including the data contained in Schedule A and Exhibits, signed by me and attached to this form.

Warning: HUD and/or the Authority will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1012; 31 U.S.C. 3729, 3802)

I further certify that:

1. The list of previous HUD/USDA-FmHA projects and Section 8 Contracts contains a listing of every assisted or insured project of HUD, which I have been or am now a principal.
2. For the period beginning 10 years prior to the date of this certification, and except as shown by me on the certification.
 - a. No mortgage on a project listed by me has ever been in default, assigned to the Government or foreclosed, nor has mortgage relief by the mortgagee been given;
 - b. I have not experienced default or noncompliance under any Conventional Contract or Turnkey Contract of Sale in connection with a public housing project;
 - c. To the best of my knowledge, there are no unresolved findings raised as a result of HUD audits, management reviews or other Governmental investigations concerning me or my projects;
 - d. There has not been a suspension or termination of payments under any HUD assistance contract in which I have had a legal or beneficial interest;
 - e. I have not been convicted of a felony and am not presently, to my knowledge, 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. I 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. I 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 parties, known to me to be principals in this project(s) in which I propose to participate, are listed above.
4. I am not 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 O and USDA's Standard of Conduct in 7 C.F.R. Part 9 Subpart B.
5. I am not a Housing Authority of the City of Pittsburgh employee or a member of an Authority employee's immediate family.
6. I am not a principal 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.
7. To my knowledge I have not been found by HUD or FmHA to be in noncompliance with any applicable civil rights law.
8. I am not 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.
9. Statements above (if any) to which I cannot certify have been deleted by striking through the words with a pen. I have initialed each deletion (if any) and have attached a true and accurate signed statement (if applicable) to explain the facts and circumstances which I think helps to qualify me as a responsible principal for participation in this project.

(Signature and Date)

(Typed or Printed Name)

(Title)

(Company Name)

Subscribed and sworn to before me

this _____ day of _____, 20

My Commission expires _____, 20

All section 3 covered contracts shall include the following clause (referred to as the section 3 clause):

- 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 impediment 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 work site 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 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).

Housing Authority City of Pittsburgh
Development and Modernization Department
Bidder's Section 3 Participation Form

A. Bidder's Section 3 Hiring Plan

Job Category	Total Estimated Positions Needed for Project	No. Positions Occupied by Permanent Employees*	Number of Positions Not Occupied	Number of Positions Available for Section 3 Residents
Trade:				
Journeyman				
Helper				
Apprentices				
Trainees				
Laborer				
Others				

* Please submit a list of current employees to be assigned to this project including Dates of Hire

B. Bidder's Section 3 Subcontracting Plan

SUB - CONTRACTOR'S NAME**	SUB - CONTRACTORS ADDRESS	PHONE NUMBER	FEDERAL TAX ID NO./ SS#	DESCRIPTION OF WORK	Sub - Contract Amount

** If the Bidder has not identified a Section 3 subcontractor, please indicate if there will be any Section 3 subcontracting opportunity and describe scope of work_____

Company Name

Project Name

Project Number

Name and Title of Person Completing this Form

Signature and Date

**PLACE HOLDER FOR
ROSTER OF CURRENT EMPLOYEES**

**Pursuant to Housing Authority of the City of Pittsburgh Section 3 Program Manual, Part I,
Section A - Section 3 Policy Statement (in part):**

“HACP shall examine and consider a contractor’s potential for success in providing employment and business opportunities to those covered under Section 3 prior to acting on any proposed contract award. In response to any RFP, RFQ or IFB HACP will require submission of the Section 3 Opportunities Plan and roster of current employees, and certification that the bidder will comply with the requirements of Section 3.”

Section 3 Participation

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).

RESIDENT HIRING REQUIREMENTS / RESIDENT HIRING SCALE

TOTAL LABOR DOLLARS USE TOTAL CONTRACT AMOUNT FOR SERVICE CONTRACTS	RESIDENT LABOR AS A % OF TOTAL LABOR DOLLARS
Labor dollars \$25,000 but less than \$100,000	10% of the labor dollars
\$100,000, but less than \$200,000	9% of the labor dollars
At least \$200,000, but less than \$300,000	8% of the labor dollars
At least \$300,000, but less than \$400,000	7% of the labor dollars
At least \$400,000, but less than \$500,000	6% of the labor dollars
At least \$500,000, but less than \$1 million	5% of the labor dollars
At least \$1 million, but less than \$2 million	4% of the labor dollars
At least \$2 million, but less than \$4 million	3% of the labor dollars
At least \$4 million, but less than \$7 million	2% of the labor dollars
\$7 million or more	½ to 1 % of the labor dollars

A copy of HACP's Section 3 Program Manual is available for download at www.HACP.org.



SECTION 3 OPPORTUNITIES PLAN

Business Opportunities and Employment Training for Housing Authority of the City of Pittsburgh Low Income Public Housing Residents (LIPH) and Area Residents of Low and Very Low Income Status (ARLIS)

PRIME CONTRACTOR'S NAME: _____
SPECIFICATION OR RFP/IFB/RFQ NUMBER: _____
SPECIFICATION OR RFP/IFB/RFQ TITLE: _____

The Contractor hereby agrees to comply with all the provisions of Section 3 as set forth in 24 CFR 135.1 et seq. and the HACP Section 3 Policy and Program requirements. The Contractor hereby submits this document to identify employment opportunities for HACP residents (LIPH) and **Area Residents of Low and Very Low Income Status (ARLIS)** during the term of the contract between the Contractor and the HACP.

The preference of HACP is to ensure that as many HACP residents as possible are employed. In an effort to further that requirement, HACP has created a preference tier structure as outlined in the HACP Section 3 Policy and Program Manual which can be reviewed by visiting the "Vendor Services" section of www.hacp.org. Contractors are required to comply with Section 3 by first considering Tier I – Hiring. If the Contractor cannot meet its Section 3 requirement in Tier I and needs to move to Tier II or Tier III, that Contractor must document this inability to comply with the preference and the need to move to a lower tier. (Such inability **must** be documented for moves within tiers). The Contractor agrees to meet its Section 3 requirement following the Preferential Tier Structure as indicated by the selection below (check one or more tiers below):

[] Tier I – HIRING

The Contractor affirms that the jobs identified shall be for meaningful employment that may or may not be related to the scope of services covered under Contract/Purchase Order # _____. The Contractor has committed to employ _____ resident(s) in order to comply with its Section 3 requirements. A prime contractor may satisfy the HACP Resident Hiring Requirements through his/her subcontractors. **Contact the HACP Resident Employment Program for resident referrals at 412-395-3950, Ext 1048.**

When Tier I is selected, the Contractor shall complete the following table as instructed below:

- (1) Indicate each job title for all phases of this contract
- (2) The number of positions that will be needed in each category
- (3) How many of those positions are currently filled
- (4) The number currently filled by low and very low-income HACP residents
- (5) The number currently filled by City of Pittsburgh neighborhood area residents
- (6) How many positions need to be filled

Indicate your requirement for the number of positions you intend to fill with:

- (7) Low income HACP Residents (LIPH) and/or
- (8) Low and very low income City of Pittsburgh Neighborhood Area Residents (ARLIS)

[illegible]

LIPH – HACP low income public housing resident
ARLIS - Area Residents of Low/Very Low Income Status – (Area is the Pittsburgh metropolitan area)

In the event the value of Section 3 resident hiring is less than the amount identified in the Resident Hiring Scale, vendors must contribute to the HACCP Education Fund an amount not less than the difference between the value of Section 3 hiring and the amount identified in the Resident Hiring Scale, which funds shall be used to provide other economic opportunities.

Therefore, if it is anticipated that any position listed above shall be for less than the full term of the contract period, you must indicate on the lines below, the anticipated term for each position:



SECTION 3 OPPORTUNITIES PLAN

[] Tier II – CONTRACTING

The contractor has identified _____ HACP resident-owned business(es) or _____ Section 3 business(es) which is/are 51 percent or more owned by Section 3 residents or 30 percent or more of their permanent full-time workforce are Section 3 residents. This will satisfy the contractor's Section 3 requirement covered under Contract/Purchase Order # _____.

In a one (1) page letter on your firm's letterhead:

- 1) Indicate the requirements, expressed in terms of percentage, of planned contracting dollars for the use of Section 3 business concerns as subcontractors.
- 2) A statement of the total dollar amount to be contracted, total dollar amount to be contracted to Section 3 business concerns for building trades, and total dollar amount to be contracted to Section 3 business concerns for other than building trades work (maintenance, repair, modernization, and development).
- 3) A description of the method used to develop the requirements above and the efforts to be undertaken by the contractor to meet those requirements.

[] Tier III - OTHER ECONOMIC OPPORTUNITIES

Firms may provide other economic opportunities to train and employ Section 3 residents or make a direct cash contribution to the HACP Education Fund. HACP has established the following minimum threshold requirements for provision of training or contribution to the HACP fund that provides other economic opportunities:

- a) Contractor incurs the cost of providing skilled training for residents in an amount commensurate with the sliding scale set forth in the Resident Hiring Scale; or,
- b) Contractor makes a contribution to the HACP Education Fund at Clean Slate E3 to provide assistance to residents to obtain training. The level of contribution would be commensurate with the sliding scale set forth in the Resident Hiring Scale.

Contractor shall provide, in a letter on firm letterhead:

- 1) Indication of the skilled training to be provided, the number of persons to be trained, the training provider, the cost of training, and the trainee recruitment plan; or,
- 2) Provide the amount of planned contribution to be made in relation to percentage of the contract labor hours costs. (Contribution checks should be made payable to: Clean Slate E3 Education Fund and mailed to Clean Slate E3, C/O Housing Authority of the City of Pittsburgh, Finance Department, 412 Boulevard of the Allies, Pittsburgh, PA 15219.

[] Tier IV – No New Hire Opportunity

If awarded this contract, the contractor will be able to fulfill the requirements of the IFB/RFP/RFQ with the existing work force. No new hires will be employed as a result of this award. If this position changes and hiring opportunities become necessary, the HACP Resident Employment Program will be notified.



SECTION 3 OPPORTUNITIES PLAN

By signing below, the Contractor hereby agrees to comply with the selected Section 3 requirements indicated above. To the extent that the completion of this form is contingent upon future information, for example price negotiations, request for specific services, etc., the undersigned hereby affirms and agrees to fully adhere to the spirit and intent of the HACP Section 3 Policy.

Furthermore, the undersigned acknowledges and affirms responsibility for completion and submission of this form as part of the response documentation for this Invitation for Bid or Request for Proposal. Failure to submit this form may jeopardize the responsiveness of your submission.

Company Name: _____

Name: _____

Title: _____

Signature: _____ Date: _____

Witness Name: _____

Witness Signature: _____ Date: _____

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH
MBE/WBE SOLICITATION AND COMMITMENT RECORD

SOLICITATION AND COMMITMENT STATEMENT									
MINORITY (MBE) AND FEMALE (WBE) OWNED BUSINESS ENTERPRISES									
BID NUMBER	NAME OF BIDDER	ADDRESS	PHONE						
List below All MBE/WBE's that were solicited - whether or not a commitment was obtained -- Copy this form as necessary									
____ MBE	____ WBE		TYPE OF SUBCONTRACT WORK OR MATERIALS	DATE SOLICITED BY PHONE BY MAIL	COMMITMENT MADE YES NO (IF YES, GIVE DATE)	GIVE REASON(S) IF NO COMMITMENT MADE			
COMPANY NAME									
ADDRESS									
CONTACT PERSON PHONE									
____ MBE	____ WBE		TYPE OF SUBCONTRACT WORK OR MATERIALS	DATE SOLICITED BY PHONE BY MAIL	COMMITMENT MADE YES NO (IF YES, GIVE DATE)	GIVE REASON(S) IF NO COMMITMENT MADE			
COMPANY NAME									
ADDRESS									
CONTACT PERSON PHONE									
____ MBE	____ WBE		TYPE OF SUBCONTRACT WORK OR MATERIALS	DATE SOLICITED BY PHONE BY MAIL	COMMITMENT MADE YES NO (IF YES, GIVE DATE)	GIVE REASON(S) IF NO COMMITMENT MADE			
COMPANY NAME									
ADDRESS									
CONTACT PERSON PHONE									

Prepared by:

Title:

Phone:

NOTE: Certification and letters of intent for each MBE/WBE commitment must accompany this document.

MBE/WBE Participation Plan

I. SMALL BUSINESS PARTICIPATION
Is the Bidder a Small Business as defined by the size and standards in 13 CFR 121?

Yes _____ No _____

II. MINORITY BUSINESS PARTICIPATION
Is the Bidder classified as a Minority Business Enterprise?

Yes _____ No _____

If “No”, are any Subcontractors classified as Minority Business enterprises?

Yes _____ No _____

If “Yes”, please fill in the following chart:

Consulting Firm(s) (MBE)	\$ Value Contract	% of Fee

III. WOMEN-OWNED BUSINESS PARTICIPATION
Is the Bidder classified as a Woman-Owned Business Enterprise?

Yes _____ No _____

If “No”, are any Subcontractors classified as Women-Owned Business Enterprises?

Yes _____ No _____

If “Yes”, please fill in the following chart:

Consulting Firm(s) (WBE)	\$ Value Contract	% of Fee

****All MBE/WBE firms must be certified.**
In order for the MBE/WBE participation plan to be complete, copies of MBE/WBE certification must be included for all firms listed.

BIDDERS NAME: _____
 ADDRESS: _____
 TELEPHONE: _____
 CONTACT PERSON: _____
 PROPOSAL AND BID FOR: _____

[illegible]

Phone:

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH
MBE/WBE SOLICITATION AND COMMITMENT STATEMENT
ADDITIONAL INFORMATION SHEET

The bidder presents the following as additional and supplemental
information to its MBE/WBE Solicitation and
Commitment Statement.

Prepared by:

Title:

Phone:

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH
MBE/WBE EXHIBIT

MBE/WBE COMMITMENT WAIVER REQUEST FORM

BIDDER'S FIRM: _____
ADDRESS: _____
TELEPHONE: _____
CONTACT PERSON: _____
PROPOSAL AND BID FOR: _____

Waiver of the MBE/WBE participation requirement is requested for the following reasons:

Prepared by: _____ Title: _____ Phone: _____

NOTE: The fully completed MBE/WBE Solicitation and Commitment Statement must accompany this waiver request.

**Notice of Requirement for Affirmative Action
to Ensure Equal Employment Opportunity
(Executive Order 11625)**

1. The Offeror's or Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Specifications" set forth herein.
2. The goals for minority and female participation at the Housing Authority of the City of Pittsburgh are pursuant to the Mayor's promulgated Executive Order, and the action of the Housing Authority Board. Expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered area, these goals are seventeen percent (18%) of the total cost of the contract to be expended for minority participation and six percent (7%) for women participation. These goals are applicable to all the Contractor's construction work (whether or not it is Federal or federally assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and nonfederally involved construction.

The Contractor's compliance with the Executive Order and the regulations in Section 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in Section 41 CFR Part 60-4.3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order and the regulations in Section 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The Contractor shall provide written notification, within 10 working days of award of any construction subcontract in excess of \$10,000 at any tier for construction work under the contract resulting from this solicitation, to:

LaVaris Ross, Labor Relations Specialist
U.S. Department of Housing and Urban Development
Office of Labor Relations
City Crescent Building
10 S. Howard Street, 5th Floor
Baltimore, MD 21201

The notification shall list the name, address and telephone number of the subcontractor; employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed.

4. As used in this Notice, and in the contract resulting from this solicitation, the "covered area" is within the Commonwealth of Pennsylvania, County of Allegheny, City of Pittsburgh.



Development & Modernization
412 Boulevard of the Allies, 6th Floor
Pittsburgh, PA 15219 Phone: (412)
456-5116 Fax: (412) 456-5007
www.hacp.org

NOTICE TO ALL PROSPECTIVE BIDDERS

REQUEST FOR MANPOWER PLAN Renovation of 10 Scattered Sites Homes

HACP CONTRACT No. 600-31-24

Each bid must include a separate **Manpower Plan and Major Equipment List** for this Invitation for Bids. The Manpower Plan must include (1) the names of the bidder's personnel to be assigned to the Project, (2) trade/position, (3) Social Security Number or Driver's License Number and (4) Employee Date of Hire.

In the event you are bidding on multiple HACP construction work, each bid must include a separate Manpower Plan and Major Equipment List that clearly demonstrates that the bidder has the capacity and will not use the same personnel and equipment on more than one HACP construction work that are being executed simultaneously within the next 180 days.

HACP will use this information to determine whether the bidder has the capacity to perform the work.

Please acknowledge receipt of this Notice by completing the information below and the attached and including copies in your bid.

Bidder's Name: _____

Name of the Person Signing the Bid: _____

Signature of the Person Signing the Bid: _____

Bid Due Date: _____

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Phone: (412) 456-5116 Fax:

(412) 456-5007

www.hacp.orgBidder's Planned Manpower

Provide Employee Name, Trade/Position, Social Security Number or Driver's License Number and Date of Hire for each employee:

(use additional sheets if necessary).

Name	Position	Social Security No. or Driver's License No.		Date of Hire



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SPECIAL PROVISIONS **FOR INVITATION FOR BIDS (IFB)**

REQUEST FOR INFORMATION

Each bidder must submit the following information to assist the Owner to determine if the Bidder has the capacity to perform the required work under this **Project Name:** _____ **IFB No.** _____.

Bidder's Capacity

Provide information demonstrating the Bidder's ability to provide the resources necessary for the timely and efficient implementation of the construction work. Due to the nature of this procurement, capacity will also be evaluated based on the Bidder's ability to complete the work on time and within budget, therefore, please describe the Bidder's Capacity as follows:

1. Manpower Plan and Major Equipment List (Please complete **Form 00435-1 & 2**).
2. List a maximum of three-(3) current or completed *Housing Authority of the City of Pittsburgh* related projects, the **Initial Contract Value**, **Change Orders, if any**, and **Final Contract Value**. If the project was not completed within budget and on time, please explain the circumstances and/or justification for the change order(s): Please attach a separate sheet if you do not have sufficient space.

<u>Project #</u>	<u>Initial Contract Value</u>	<u>Change Order(s)</u>	<u>Final Contract Value</u>
------------------	-------------------------------	------------------------	-----------------------------

a.

b.

c.

Justification for Change Orders/Schedule: _____

3. List at least three-(3) other Owners including one current or completed project plus the following information:

<u>Vendor's Name & Contact #</u>	<u>Initial Contract Value</u>	<u>Change Order(s)</u>	<u>Final Contract Value</u>
--------------------------------------	-------------------------------	------------------------	-----------------------------

a.

b.

c.

Justification for Change Orders/Schedule: _____

The Bidder hereby certifies that the information provided above is accurate/correct and provision of false information can be a basis for the rejection of this bid:

Bidder's Name: _____ Bidder's Signature: _____

Date: _____

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Phone: (412) 456-5116 Fax:

(412) 456-5007

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NOTICE TO ALL PROSPECTIVE BIDDERS**Previous Related Experience
for****Renovation of 10 Scattered Sites Homes****HACP CONTRACT NO. 600-31-24**

The bidder shall list three (3) firms, governmental units, or persons for whom the bidder has previously performed work of the nature requested under this IFB. Bidder shall list as references all housing authorities, including HACP, for whom the bidder has previously performed work of the nature requested under this IFB. HACP reserves the right to contact such persons at anytime prior to award and the bidder agrees that HACP may rely on information provided by such persons to determine the bidder's responsibility.

In addition to the references, all bidders will provide the last three jobs they performed, contact information from the job and all change orders related to the job and the reason for each.

All bidders will provide information on the most recent HACP job to include all change order information and the reason for each. The most recent HACP job can be one of the 3 last jobs performed if that is the case.

Reference 1			
Project:			
Contact:			
Contact Telephone Number:			
Contract Amount:			
Change Orders			
Number	Total \$ Value per Change	Description of Change	Reason for Change
1			
2			
3			
4			
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9			
10			

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**Previous Related Experience
for
Renovation of 10 Scattered Sites Homes**

HACP CONTRACT NO. 600-31-24

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All bidders will provide information on the most recent HACP job to include all change order information and the reason for each. The most recent HACP job can be one of the 3 last jobs performed if that is the case.

Reference 2			
Project:			
Contact:			
Contact Telephone Number:			
Contract Amount:			
Change Orders			
Number	Total \$ Value per Change	Description of Change	Reason for Change
1			
2			
3			
4			
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All bidders will provide information on the most recent HACP job to include all change order information and the reason for each. The most recent HACP job can be one of the 3 last jobs performed if that is the case.

Reference 3			
Project:			
Contact:			
Contact Telephone Number:			
Contract Amount:			
Change Orders			
Number	Total \$ Value per Change	Description of Change	Reason for Change
1			
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In addition to the references, all bidders will provide the last three jobs they performed, contact information from the job and all change orders related to the job and the reason for each.

All bidders will provide information on the most recent HACP job to include all change order information and the reason for each. The most recent HACP job can be one of the 3 last jobs performed if that is the case.

Reference 4			
Project:			
Contact:			
Contact Telephone Number:			
Contract Amount:			
Change Orders			
Number	Total \$ Value per Change	Description of Change	Reason for Change
1			
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In addition to the references, all bidders will provide the last three jobs they performed, contact information from the job and all change orders related to the job and the reason for each.

All bidders will provide information on the most recent HACP job to include all change order information and the reason for each. The most recent HACP job can be one of the 3 last jobs performed if that is the case.

Reference 5			
Project:			
Contact:			
Contact Telephone Number:			
Contract Amount:			
Change Orders			
Number	Total \$ Value per Change	Description of Change	Reason for Change
1			
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In addition to the references, all bidders will provide the last three jobs they performed, contact information from the job and all change orders related to the job and the reason for each.

All bidders will provide information on the most recent HACP job to include all change order information and the reason for each. The most recent HACP job can be one of the 3 last jobs performed if that is the case.

Reference 6			
Project:			
Contact:			
Contact Telephone Number:			
Contract Amount:			
Change Orders			
Number	Total \$ Value per Change	Description of Change	Reason for Change
1			
2			
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Phone: (412) 456-5116 Fax:

(412) 456-5007

www.hacp.org

**Previous Related Experience
for
Renovation of 10 Scattered Sites Homes**

HACP CONTRACT NO. 600-31-24

The bidder shall list three (3) firms, governmental units, or persons for whom the bidder has previously performed work of the nature requested under this IFB. Bidder shall list as references all housing authorities, including HACP, for whom the bidder has previously performed work of the nature requested under this IFB. HACP reserves the right to contact such persons at anytime prior to award and the bidder agrees that HACP may rely on information provided by such persons to determine the bidder's responsibility.

In addition to the references, all bidders will provide the last three jobs they performed, contact information from the job and all change orders related to the job and the reason for each.

All bidders will provide information on the most recent HACP job to include all change order information and the reason for each. The most recent HACP job can be one of the 3 last jobs performed if that is the case.

Reference 7			
Project:			
Contact:			
Contact Telephone Number:			
Contract Amount:			
Change Orders			
Number	Total \$ Value per Change	Description of Change	Reason for Change
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

***All contractors MUST submit 3 references and most recent HACP Job if applicable.**

**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)

Previous Participation Certification

OMB Approval No. 2502-0118
(Exp. 05/31/2019)

US Department of Housing and Urban Development
Office of Housing/Federal Housing Commissioner

US Department of Agriculture
Farmers Home Administration

Part I to be completed by Controlling Participant of Covered Projects (See instructions)		For HUD HQ/FmHA use only	
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) ☐ Existing ☐ Rehabilitation ☐ Proposed (New)

7. List all proposed Controlling Participants and attach organization chart for all organizations

Name and address of Principals and Affiliates (Name: Last, First, Middle Initial) proposing to participate		8 Role of Each Principal in Project	9. SSN or IRS Employer Number

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) each certify that all the statements made on this form are true, complete and correct to the best of their knowledge and belief and are made in good faith, including any Exhibits attached to this form.

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. The controlling participants(s) further certify that to the best of their knowledge and belief:

- 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.
- For the period beginning 10 years prior to the date of this certification, and except as shown on the certification:
 - 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;
 - The controlling participants have no defaults or noncompliance under any Conventional Contract or Turnkey Contract of Sale in connection with a public housing project;
 - 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;
 - There has not been a suspension or termination of payments under any HUD assistance contract due to the controlling participant's fault or negligence;
 - 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);
 - 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;
 - 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;
- All the names of the controlling participants who propose to participate in this project are listed above.
- 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.
- 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.
- 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).
- 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.
- 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.

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

Previous Participation Certification

OMB Approval No. 2502-0118
(Exp. 05/31/2019)

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 multifamily Housing programs of HUD/FmHA, State and local Housing Finance Agencies. **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 Yes No If yes, explain	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	☐ A. No adverse information; form HUD-2530 approval recommended. ☐ C. Disclosure or Certification problem	
Staff	Processing and Control	☐ B. Name match in system ☐ D. Other (attach memorandum)	
Signature of authorized reviewer	Signature of authorized reviewer	Approved ☐ Yes ☐ No	Date (mm/dd/yyyy)

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

Previous editions are obsolete

Carefully read these instructions and the applicable regulations. A copy of those regulations published at 24 C.F.R. part 200, subpart H, can be obtained on-line at www.gpo.gov and from the Account Executive at any HUD Office. Type or print neatly in ink when filling out this form. Mark answers in all blocks of the form. If the form is not filled completely, it will delay approval of your application.

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 with a certified report of all previous participation in HUD programs by those parties making application. The information requested in this form is used by HUD to determine if you meet the standards established to ensure that all controlling participants in HUD projects will honor their legal, financial and contractual obligations and are acceptable risks from the underwriting standpoint of an insurer, lender or governmental agency. HUD requires that you certify your record of previous participation in HUD/USDA-FmHA, State and Local Housing Finance Agency projects by completing and signing this form, before your project application or 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 200.212, and as further clarified by the Processing Guide referenced in 24 CFR 200.210(b) and made available on the HUD website at: 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.

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.

Specific Line Instructions are set forth in the Processing Guide.

The Department of Housing and Urban Development (HUD) is authorized to collect this information by law (42 U.S.C. 3535(d) and 24 C.F.R. 200.217) 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 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 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.



Development & Modernization

412 Boulevard of the Allies, 6th

Floor Pittsburgh, PA 15219

Phone: (412) 456-5116 Fax:

(412) 456-5007

www.hacp.org

SPECIAL PROVISIONS

NOTICE TO ALL PROSPECTIVE BIDDERS

Renovation of 10 Scattered Sites Homes

Documents Required for Payment

HACP Contract No.: 600-31-24

Pursuant to Sections 27, 38, 40 and 46 of the General Conditions for this Contract, each contractor must submit the following required documents with each Payment Estimate ("PE") in order for HACP to process a PE as follows:

A. Periodic Estimate – HUD 51001

B. Schedule of Stored Materials – HUD 51003 (if applicable)

C. Summary of Stored Materials – HUD 51004 (if applicable)

D. Schedule of Change Orders – HUD 51002 (if applicable)

E. Progress Payment Certification

F. Current/Approved Certified Payrolls (submitted to HACP's Davis-Bacon Wage Clerk).

G. MBE/WBE Utilization Report

H. Section 3 Summary Report

Signature of Authorized Officer: _____

Date: _____

THIS DOCUMENT MUST BE SIGNED.

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

**NON-COLLUSION
AFFIDAVIT**

State of _____

County of _____

_____, being first duly sworn, deposes and says:
(Printed or Typed Name)

That he/she is
(Proprietor, General Partner, President or Vice President)

of _____; and having submitted the foregoing Bid for
(Bidder Name)

Renovation of 10 Scattered Sites Homes

(Project Name)

600-31-24
(HACP Contract No.)

and is the party making the foregoing Bid, and that such Bid is genuine and not collusive or sham; that said Bidder has not colluded, conspired, connived or agreed, directly or indirectly, with any Bidder or person, to put in a sham bid, or to refrain from bidding, and has not in any manner, directly or indirectly, sought by agreement or collusion, or communication or conference, with any person, to fix the bid price of affiant or of any bidder, or to fix any overhead, profit or cost element of said bid price, or of that of any bidder, or to secure any advantage against the Housing Authority of the City of Pittsburgh or any person interested in the proposed contract; and that all statements in said Bid are true.

(Signature and Date)

Subscribed and sworn to before me

this _____ day of _____, 20__

My Commission expires _____, 20__

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

FORM OF AGREEMENT

THIS AGREEMENT, made this ____ day of _____ in the year Two Thousand ____ (20) by and between:

- ☐ An individual doing business in his/her own name
- ☐ An individual doing business under a fictitious or assumed name
- ☐ A partnership
- ☐ A Corporation

(Hereinafter called the Contractor)

AND

The Housing Authority of the City of Pittsburgh (hereinafter called the Authority)
412 Boulevard of the Allies
Pittsburgh, PA 15219

WITNESSETH: That the Contractor and the Authority, for the consideration stated herein, mutually agree as follows:

ARTICLE 1, STATEMENT OF WORK

The Contractor shall provide all labor, materials and equipment, and services necessary to perform and complete all work required in accordance with Fukui Architects drawings for Renovation of 10 Scattered Sites Homes dated August 20, 2024 and Project Manual dated September 23, 2024 regarding:

CONTRACT NO. 600-31-24

and addenda thereto numbered _____, all as prepared by _____, which said specifications, drawings, and addenda are incorporated herein by reference and are a part hereof.

The work shall begin at the time stipulated in the NOTICE TO PROCEED and in no event exceeding 245 consecutive calendar days from notice to proceed.

ARTICLE 2, THE CONTRACT PRICE

The Authority shall pay the contractor for the performance of the Contract in current fund, subject to additions and deductions as provided in the specifications.

_____ (\$ _____)

ARTICLE 3, CONTRACT DOCUMENTS

The Contract shall consist of the following component parts:

- a. This Agreement
- b. Project Manual (including all component parts) dated September 23, 2024.
- c. Project Drawings issued by Fukui Architects dated August 20, 2024.

This Agreement, together with the other documents enumerated in this Article 3 which said other documents are as fully a part of the Contract as if hereto attached or herein repeated, form the Contract. In the event that any provision in any component part of this Contract conflicts with any provision of any other component part, the provision of the component part first enumerated in this ARTICLE 3, shall govern, except as subsequent parts may establish more specific criteria or language in which case these criteria and language shall govern. The various provisions in Addenda shall be construed in the order of preference of the component part of the Contract which each modified.

SIGNED, SEALED AND DELIVERED IN _____ ORIGINAL COUNTERPARTS

this _____ day of _____ 20____.

IF THE PRINCIPAL IS AN INDIVIDUAL, SIGN HERE

By signing this Form of Agreement, if the Housing Authority accepts and signs Contract No. 600-31-24 this contract shall be binding on both parties.

(Printed or Typed Name)

(Printed or Typed Name)

Witness
{

Principal
{

(Signature and Date)

(Signature and Date)

IF THE PRINCIPAL IS A PARTNERSHIP, SIGN HERE

By signing this Form of Agreement, if the Housing Authority accepts and signs Contract No. 600-31-24
this contract shall be binding on both parties.

<i>(Printed or Typed Name)</i>	<i>(Printed or Typed Name)</i>
<i>Witness</i>	<i>Partner*</i>
{	{
<i>(Signature and Date)</i>	<i>(Signature and Date)</i>

<i>(Printed or Typed Name)</i>	<i>(Printed or Typed Name)</i>
<i>Witness</i>	<i>Partner*</i>
{	{
<i>(Signature and Date)</i>	<i>(Signature and Date)</i>

* If the Bidder is a partnership, the Form of Agreement must be signed in the name of the partnership by at least two general partners, whose names and addresses must be listed on the certificate on page BF-3-P of the Bid.

IF THE PRINCIPAL IS A CORPORATION, SIGN HERE

By signing this Form of Agreement, if the Housing Authority accepts and signs Contract No. 600-31-24 this contract shall be binding on both parties.

(CORPORATE
SEAL)

(Corporate Name)

(Printed or Typed Name)

(Printed or Typed Name)

Witness

{

President
V.P. **

{

(Signature and Date)

(Signature and Date)

(Corporate Title)

(Corporate Title)

** If the bidder is a corporation, the Form of Agreement must be executed in the Corporation's correct corporate name by its President or Vice President and attested to by its Secretary or Assistant Secretary or Treasurer or Assistant Treasurer, and the Certification of Corporate Principal (Doc. 00625) must be executed by the Secretary or Assistant Secretary.

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____, certify that I am the
Secretary/Assistant Secretary of the Corporation named a Bidder herein; that
(Circle one)

_____ who signed this Bid on behalf of the

Corporation was then _____ of said Corporation that I know his
signature and his signature thereto is genuine; and that said Bid was duly signed, sealed and
attested in behalf of said Corporation by authority of its governing body.

(CORPORATE
SEAL)

(Signature and Date)

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

Secretary

Attest

{

(Signature and Date)

Chief Contracting Officer

Principal

{

(Signature and Date)

Darrell Davis, Chief Development Officer

*Approved as to
Contents and Costs*

{

(Signature and Date)

Assistant General Counsel

*Approved as to
Form*

{

(Signature and Date)

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

CONTRACTING OFFICER CERTIFICATION

I _____ certify that I am the Recording Secretary of the Housing Authority of the City of Pittsburgh; that _____, who signed this Contract on behalf of the Housing Authority, was then Contracting Officer of said Authority; that the said Contract was duly signed for and on behalf of the Housing Authority of the City of Pittsburgh.

Secretary (SEAL)

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

PERFORMANCE BOND

THIS BOND IS ISSUED SIMULTANEOUSLY WITH PAYMENT BOND IN FAVOR OF THE
AUTHORITY CONDITIONED ON THE FULL AND FAITHFUL PERFORMANCE OF THE CONTRACT.

KNOW ALL MEN BY THESE PRESENTS, that we,

_____, as Principal, and
(Insert name and address of contractor exactly as it appears on Form of Agreement)

_____, as Sureties, are
held and firmly bound unto the **Housing Authority of the City of Pittsburgh**, its certain attorney, successors, or assigns
(the Obligee, hereinafter called the "Authority") in the penal sum of

_____ Dollars (\$ _____)

lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our
heirs, personal representatives, successors, and assigns, jointly and severally, firmly by these presents:

WHEREAS, the Principal heretofore has submitted to the said Authority a certain bid, dated

_____, 20 _____ (the "Bid"), for construction of
(Insert date of bid)

(Insert name of project exactly as it appears on Form of Agreement)
pursuant to specifications, drawings and other related documents constituting the Invitation for Bids (the "IFB"); and

WHEREAS, the said Authority is a "Contracting body" under provisions of Act No. 385 of the General Assembly
of the Commonwealth of Pennsylvania, approved by the Governor on December 20, 1967, known and cited as the
"Public Works Contractors' Bond Law of 1967" (8 P.S. 191-202) (the "Act"); and

WHEREAS, the Act, in Section 3 (a), requires that, before an award shall be made to the Principal shall furnish this
Bond to the said Authority, with this Bond to become binding upon the award of a Contract to the Principal by the said
Authority in accordance with the Bid; and

WHEREAS, it also is a condition of the IFB that this Bond shall be furnished by the Principal to the said Authority;
and

WHEREAS, Under the Invitation for Bids, it is provided, inter alia, that if the Principal shall furnish this Bond to
the said Authority, and if the said Authority shall make an award to the Principal in accordance with the Bid, then the
Principal and the said Authority shall enter into a contract with respect to performance of such work (the "Contract"), the
Form of Agreement for which is set forth in the IFB.

NOW, therefore, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the principal shall faithfully perform the Contract on his part as of the time and in the manner therein provided and satisfy all claims and demands incurred in or for the same, or growing out of the same, or for injury or damages to persons or property in the performance thereof, and shall fully indemnify and save harmless the said Authority from any and all cost and damage which the said Authority may suffer by reason of the principal's failure to do so, and shall fully reimburse and repay the said Authority any and all outlay and expense which it incurs by reason of any such default, then this obligation shall be null and void, otherwise it shall remain in full force and virtue.

It is further understood and agreed that the principal shall guarantee for a period of one (1) year from completion date of the contract against defects in workmanship or materials in accordance with the terms of the Contract.

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

SIGNED, SEALED AND DELIVERED IN _____ ORIGINAL COUNTERPARTS
(2 required by Authority)

this _____ day of _____ 20____.

IF THE PRINCIPAL IS AN INDIVIDUAL, SIGN HERE

	_____ (Printed or Typed Name)		_____ (Printed or Typed Name)
<i>Witness</i>		<i>Principal</i>	
{		{	
	_____ (Signature and Date)		_____ (Signature and Date)

IF THE PRINCIPAL IS A PARTNERSHIP, SIGN HERE

	<i>(Printed or Typed Name)</i>		<i>(Printed or Typed Name)</i>
<i>Witness</i>		<i>Partner*</i>	
	{		{
	<i>(Signature and Date)</i>		<i>(Signature and Date)</i>

	<i>(Printed or Typed Name)</i>		<i>(Printed or Typed Name)</i>
<i>Witness</i>		<i>Partner*</i>	
	{		{
	<i>(Signature and Date)</i>		<i>(Signature and Date)</i>

* If the Bidder is a partnership, the Bond must be signed in the name of the partnership by at least two general partners, whose names and addresses must be listed on the certificate on page BF-3-P of the Bid.

IF THE PRINCIPAL IS A CORPORATION, SIGN HERE

*(CORPORATE
SEAL)*

(Corporate Name)

(Printed or Typed Name)

(Printed or Typed Name)

Witness

*President
V.P.***

{

{

(Signature and Date)

(Signature and Date)

(Corporate Title)

(Corporate Title)

** If the bidder is a corporation, the Bond must be executed in the Corporation's correct corporate name by its President or Vice President and attested to by its Secretary or Assistant Secretary or Treasurer or Assistant Treasurer, and the Certification of Corporate Principal below must be executed by the Secretary or Assistant Secretary.

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____, certify that I am the
Secretary/Assistant Secretary of the Corporation named a Bidder herein; that
(Circle one)

_____ who signed this Bid on behalf of the

Corporation was then _____ of said Corporation that I know his signature and his
signature thereto is genuine; and that said Bid was duly signed, sealed and attested in behalf of said Corporation by
authority of its governing body.

(CORPORATE
SEAL)

(Signature and Date)

SURETY SIGN HERE

(SURETY
SEAL)

(Printed or Typed Name)

(Printed or Typed Name)

Attest
{

(Signature and Date)

Surety ***
{

(Signature and Date)

***Power of attorney must be attached to this Bid Bond.

The rate of premium charged is \$ _____ per thousand.
(To be filled in by Surety)

The total amount of premium charged is \$ _____
(To be filled in by Surety)

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

PAYMENT BOND
(Labor and Materialmen's Bond)

THIS BOND IS ISSUED SIMULTANEOUSLY WITH PERFORMANCE BOND IN FAVOR OF THE
AUTHORITY CONDITIONED ON THE FULL AND FAITHFUL PERFORMANCE OF THE CONTRACT.

KNOW ALL MEN BY THESE PRESENTS, that we,

_____, as Principal, and
(Insert name and address of Contractor exactly as it appears on Form of Agreement)

_____, as Sureties, are
held and firmly bound unto the **Housing Authority of the City of Pittsburgh**, its certain attorney, successors, or assigns
(the Obligee, hereinafter called the "Authority") in the penal sum of

_____ Dollars (\$_____)

lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our
heirs, personal representatives, successors, and assigns, jointly and severally, firmly by these presents:

WHEREAS, the Principal heretofore has submitted to the said Obligee a certain bid, dated

_____, 20_____ (the "Bid"), for construction of
(Insert date of bid)

(Insert name of project exactly as it appears on Form of Agreement)

pursuant to specifications, drawings and other related documents constituting the Invitation for Bids (the "IFB"); and

WHEREAS, the said Authority is a "Contracting body" under provisions of Act No. 385 of the General Assembly
of the Commonwealth of Pennsylvania, approved by the Governor on December 20, 1967, known and cited as the
"Public Works Contractors' Bond Law of 1967" (8 P.S. 191-202) (the "Act"); and

WHEREAS, the Act, in Section 3 (a), requires that, before an award shall be made to the Principal shall furnish this
Bond to the said Authority, with this Bond to become binding upon the award of a Contract to the Principal by the said
Authority in accordance with the Bid; and

WHEREAS, it also is a condition of the IFB that this Bond shall be furnished by the Principal to the said Authority;
and

WHEREAS, Under the Invitation for Bids, it is provided, inter alia, that if the Principal shall furnish this Bond to the said Authority, and if the said Authority shall make an award to the Principal in accordance with the Bid, then the Principal and the said Authority shall enter into a contract with respect to performance of such work (the "Contract"), the Form of Agreement for which is set forth in the IFB.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH that if said principal and all subcontractors to whom any portion of the work provided for in said contract is sublet and all assignees of said principal and of such subcontractors shall promptly make payment for all material furnished, labor supplied or performed, rental for equipment employed, and services rendered by public utilities in or in connection with the prosecution of the work, whether or not the said material, labor, equipment or services enter into and become component parts of the work or improvement contemplated in said contract, or in any amendment or extension of or addition to said Contract, then the above obligation shall be void; otherwise to remain in full force and effect. PROVIDED, however, that this bond is subject to the following conditions and limitations.

(a) All persons who have performed labor, rendered services or furnished materials or machinery, shall have direct right of action against the principal and surety on this bond, which right of action shall be asserted in proceedings instituted in the State in which such labor was performed, services rendered or materials furnished (or where labor has been performed, services rendered or materials furnished under said Contract is more than one State, then in any such State). Insofar as permitted by the laws of such State, such right of action shall be asserted in a proceeding instituting such action and any or all other persons having claims hereunder, and any other person having a claim hereunder shall have the right to be made a party to such proceeding (but not later than one year after the complete performance of said Contract and final settlement thereof) and to have such claim adjudicated in such action and judgment rendered thereon.

(b) The surety shall not be liable hereunder for any damages or compensation recoverable under any workmen's compensation or employer's liability statute.

(c) In no event shall the surety be liable for a greater sum than the penalty of this bond, or subject to any suit, action or proceeding thereon that is instituted later than one year after the complete performance of said contract and final settlement thereof.

(d) As used herein: The term "person" refers to any individual, firm or corporation who have furnished materials or machinery or public utility services to be used on or incorporated in the work or the prosecution thereof provided for in said Contract or in any amendment or extension of or addition to said Contract, and/or to any person engaged in the prosecution of the work provided for in said Contract or in any amendment or extension of or addition to said Contract, who is an agent, servant or employee of the principal, or of any subcontractor, or of any assignee of said principal or of any subcontractor and also anyone so engaged who performs the work of a laborer or of a mechanic regardless of any contractual relationship between the principal, or any sub-contractor, or any assignee of said principal or of said subcontractor, and such laborer or mechanic, but shall not include office employees not regularly stationed at the site of the work.

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

SIGNED, SEALED AND DELIVERED IN _____ ORIGINAL COUNTERPARTS
(2 required by Authority)

this _____ day of _____ 20_____.

IF THE PRINCIPAL IS AN INDIVIDUAL, SIGN HERE

	_____ (Printed or Typed Name)		_____ (Printed or Typed Name)
<i>Witness</i>		<i>Principal</i>	
{		{	
	_____ (Signature and Date)		_____ (Signature and Date)

IF THE PRINCIPAL IS A PARTNERSHIP, SIGN HERE

	<i>(Printed or Typed Name)</i>		<i>(Printed or Typed Name)</i>
<i>Witness</i>		<i>Partner*</i>	
	{		{
	<i>(Signature and Date)</i>		<i>(Signature and Date)</i>

	<i>(Printed or Typed Name)</i>		<i>(Printed or Typed Name)</i>
<i>Witness</i>		<i>Partner*</i>	
	{		{
	<i>(Signature and Date)</i>		<i>(Signature and Date)</i>

* If the Bidder is a partnership, the Bond must be signed in the name of the partnership by at least two general partners, whose names and addresses must be listed on the certificate on page BF-3-P of the Bid.

IF THE PRINCIPAL IS A CORPORATION, SIGN HERE

(CORPORATE
SEAL)

(Corporate Name)

(Printed or Typed Name)

(Printed or Typed Name)

Witness

President
V.P.**

{

{

(Signature and Date)

(Signature and Date)

(Corporate Title)

(Corporate Title)

** If the bidder is a corporation, the Bond must be executed in the Corporation's correct corporate name by its President or Vice President and attested to by its Secretary or Assistant Secretary or Treasurer or Assistant Treasurer, and the Certification of Corporate Principal (Doc. 00625) must be executed by the Secretary or Assistant Secretary.

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____, certify that I am the
Secretary/Assistant Secretary of the Corporation named a Bidder herein; that
(Circle one)

_____ who signed this Bid on behalf of the

Corporation was then _____ of said Corporation that I know his
signature and his signature thereto is genuine; and that said Bid was duly signed, sealed and
attested in behalf of said Corporation by authority of its governing body.

(CORPORATE
SEAL)

(Signature and Date)

SURETY SIGN HERE

(SURETY
SEAL)

	(Printed or Typed Name)		(Printed or Typed Name)
Attest		Surety	
	{		{
	(Signature and Date)		(Signature and Date)

The rate of premium charged is \$ _____ per thousand.
(To be filled in by Surety)

The total amount of premium charged is \$ _____
(To be filled in by Surety)

General Conditions for Construction Contracts - Public Housing Programs

U.S. Department of Housing and Urban Development
Office of Public and Indian Housing
OMB Approval No. 2577-0157 (exp. 3/31/2020)

Applicability. This form is applicable to any construction/development contract greater than \$150,000.

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 135. The form is required for construction contracts awarded by Public Housing Agencies (PHAs).

The form is used by Housing Authorities in solicitations to provide necessary contract clauses. If the form were not used, HAs would be unable to enforce their contracts.

Public reporting burden for this collection of information is estimated to average 1.0 hours 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. 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.

HUD may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB number.

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1. Definitions

- (a) "Architect" means the person or other entity engaged by the PHA to perform architectural, engineering, design, and other services related to the work as provided for in the contract. When a PHA uses an engineer to act in this capacity, the terms "architect" and "engineer" shall be synonymous. The Architect shall serve as a technical representative of the Contracting Officer. The Architect's authority is as set forth elsewhere in this contract.
- (b) "Contract" means the contract entered into between the PHA and the Contractor. It includes the forms of Bid, the Bid Bond, the Performance and Payment Bond or Bonds or other assurance of completion, the Certifications, Representations, and Other Statements of Bidders (form HUD-5370), these General Conditions of the Contract for Construction (form HUD-5370), the applicable wage rate determinations from the U.S. Department of Labor, any special conditions included elsewhere in the contract, the specifications, and drawings. It includes all formal changes to any of those documents by addendum, change order, or other modification.
- (c) "Contracting Officer" means the person delegated the authority by the PHA to enter into, administer, and/or terminate this contract and designated as such in writing to the Contractor. The term includes any successor Contracting Officer and any duly authorized representative of the Contracting Officer also designated in writing. The Contracting Officer shall be deemed the authorized agent of the PHA in all dealings with the Contractor.
- (d) "Contractor" means the person or other entity entering into the contract with the PHA to perform all of the work required under the contract.
- (e) "Drawings" means the drawings enumerated in the schedule of drawings contained in the Specifications and as described in the contract clause entitled Specifications and Drawings for Construction herein.
- (f) "HUD" means the United States of America acting through the Department of Housing and Urban Development including the Secretary, or any other person designated to act on its behalf. HUD has agreed, subject to the provisions of an Annual Contributions Contract (ACC), to provide financial assistance to the PHA, which includes assistance in financing the work to be performed under this contract. As defined elsewhere in these General Conditions or the contract documents, the determination of HUD may be required to authorize changes in the work or for release of funds to the PHA for payment to the Contractor. Notwithstanding HUD's role, nothing in this contract shall be construed to create any contractual relationship between the Contractor and HUD.
- (g) "Project" means the entire project, whether construction or rehabilitation, the work for which is provided for in whole or in part under this contract.
- (h) "PHA" means the Public Housing Agency organized under applicable state laws which is a party to this contract.
- (i) "Specifications" means the written description of the technical requirements for construction and includes the criteria and tests for determining whether the requirements are met.
- (l) "Work" means materials, workmanship, and manufacture and fabrication of components.
- (a) The Contractor shall furnish all necessary labor, materials, tools, equipment, and transportation necessary for performance of the work. The Contractor shall also furnish all necessary water, heat, light, and power not made available to the Contractor by the PHA pursuant to the clause entitled Availability and Use of Utility Services herein.
- (b) The Contractor shall perform on the site, and with its own organization, work equivalent to at least ☒ (12 percent unless otherwise indicated) of the total amount of work to be performed under the order. This percentage may be reduced by a supplemental agreement to this order if, during performing the work, the Contractor requests a reduction and the Contracting Officer determines that the reduction would be to the advantage of the PHA.
- (c) At all times during performance of this contract and until the work is completed and accepted, the Contractor shall directly superintend the work or assign and have on the work site a competent superintendent who is satisfactory to the Contracting Officer and has authority to act for the Contractor.
- (d) The Contractor shall be responsible for all damages to persons or property that occur as a result of the Contractor's fault or negligence, and shall take proper safety and health precautions to protect the work, the workers, the public, and the property of others. The Contractor shall hold and save the PHA, its officers and agents, free and harmless from liability of any nature occasioned by the Contractor's performance. The Contractor shall also be responsible for all materials delivered and work performed until completion and acceptance of the entire work, except for any completed unit of work which may have been accepted under the contract.
- (e) The Contractor shall lay out the work from base lines and bench marks indicated on the drawings and be responsible for all lines, levels, and measurements of all work executed under the contract. The Contractor shall verify the figures before laying out the work and will be held responsible for any error resulting from its failure to do so.
- (f) The Contractor shall confine all operations (including storage of materials) on PHA premises to areas authorized or approved by the Contracting Officer.
- (g) The Contractor shall at all times keep the work area, including storage areas, free from accumulations of waste materials. After completing the work and before final inspection, the Contractor shall (1) remove from the premises all scaffolding, equipment, tools, and materials (including rejected materials) that are not the property of the PHA and all rubbish caused by its work; (2) leave the work area in a clean, neat, and orderly condition satisfactory to the Contracting Officer; (3) perform all specified tests; and, (4) deliver the installation in complete and operating condition.
- (h) The Contractor's responsibility will terminate when all work has been completed, the final inspection made, and the work accepted by the Contracting Officer. The Contractor will then be released from further obligation except as required by the warranties specified elsewhere in the contract.

3. Architect's Duties, Responsibilities, and Authority

- (a) The Architect for this contract, and any successor, shall be designated in writing by the Contracting Officer.

2. Contractor's Responsibility for Work

- (b) The Architect shall serve as the Contracting Officer's technical representative with respect to architectural, engineering, and design matters related to the work performed under the contract. The Architect may provide direction on contract performance. Such direction shall be within the scope of the contract and may not be of a nature which: (1) institutes additional work outside the scope of the contract; (2) constitutes a change as defined in the Changes clause herein; (3) causes an increase or decrease in the cost of the contract; (4) alters the Construction Progress Schedule; or (5) changes any of the other express terms or conditions of the contract.
- (c) The Architect's duties and responsibilities may include but shall not be limited to:
 - (1) Making periodic visits to the work site, and on the basis of his/her on-site inspections, issuing written reports to the PHA which shall include all observed deficiencies. The Architect shall file a copy of the report with the Contractor's designated representative at the site;
 - (2) Making modifications in drawings and technical specifications and assisting the Contracting Officer in the preparation of change orders and other contract modifications for issuance by the Contracting Officer;
 - (3) Reviewing and making recommendations with respect to - (i) the Contractor's construction progress schedules; (ii) the Contractor's shop and detailed drawings; (iii) the machinery, mechanical and other equipment and materials or other articles proposed for use by the Contractor; and, (iv) the Contractor's price breakdown and progress payment estimates; and,
 - (4) Assisting in inspections, signing Certificates of Completion, and making recommendations with respect to acceptance of work completed under the contract.

4. Other Contracts

The PHA may undertake or award other contracts for additional work at or near the site of the work under this contract. The Contractor shall fully cooperate with the other contractors and with PHA employees and shall carefully adapt scheduling and performing the work under this contract to accommodate the additional work, heeding any direction that may be provided by the Contracting Officer. The Contractor shall not commit or permit any act that will interfere with the performance of work by any other contractor or by PHA employees

Construction Requirements

5. Pre-construction Conference and Notice to Proceed

- (a) Within ten calendar days of contract execution, and prior to the commencement of work, the Contractor shall attend a preconstruction conference with representatives of the PHA, its Architect, and other interested parties convened by the PHA. The conference will serve to acquaint the participants with the general plan of the construction operation and all other requirements of the contract. The PHA will provide the Contractor with the date, time, and place of the conference.
- (b) The contractor shall begin work upon receipt of a written Notice to Proceed from the Contracting Officer or designee. The Contractor shall not begin work prior to receiving such notice.

6. Construction Progress Schedule

- (a) The Contractor shall, within five days after the work commences on the contract or another period of time determined by the Contracting Officer, prepare and submit to the Contracting Officer for approval three copies of a practicable schedule showing the order in which the Contractor proposes to perform the work, and the dates on which the Contractor contemplates starting and completing the several salient features of the work (including acquiring labor, materials, and equipment). The schedule shall be in the form of a progress chart of suitable scale to indicate appropriately the percentage of work scheduled for completion by any given date during the period. If the Contractor fails to submit a schedule within the time prescribed, the Contracting Officer may withhold approval of progress payments or take other remedies under the contract until the Contractor submits the required schedule.
- (b) The Contractor shall enter the actual progress on the chart as required by the Contracting Officer, and immediately deliver three copies of the annotated schedule to the Contracting Officer. If the Contracting Officer determines, upon the basis of inspection conducted pursuant to the clause entitled Inspection and Acceptance of Construction, herein that the Contractor is not meeting the approved schedule, the Contractor shall take steps necessary to improve its progress, including those that may be required by the Contracting Officer, without additional cost to the PHA. In this circumstance, the Contracting Officer may require the Contractor to increase the number of shifts, overtime operations, days of work, and/or the amount of construction plant, and to submit for approval any supplementary schedule or schedules in chart form as the Contracting Officer deems necessary to demonstrate how the approved rate of progress will be regained.
- (c) Failure of the Contractor to comply with the requirements of the Contracting Officer under this clause shall be grounds for a determination by the Contracting Officer that the Contractor is not prosecuting the work with sufficient diligence to ensure completion within the time specified in the Contract. Upon making this determination, the Contracting Officer may terminate the Contractor's right to proceed with the work, or any separable part of it, in accordance with the Default clause of this contract.

7. Site Investigation and Conditions Affecting the Work

- (a) The Contractor acknowledges that it has taken steps reasonably necessary to ascertain the nature and location of the work, and that it has investigated and satisfied itself as to the general and local conditions which can affect the work or its cost, including but not limited to, (1) conditions bearing upon transportation, disposal, handling, and storage of materials; (2) the availability of labor, water, electric power, and roads; (3) uncertainties of weather, river stages, tides, or similar physical conditions at the site; (4) the conformation and conditions of the ground; and (5) the character of equipment and facilities needed preliminary to and during work performance. The Contractor also acknowledges that it has satisfied itself as to the character, quality, and quantity of surface and subsurface materials or obstacles to be encountered insofar as this information is

reasonably ascertainable from an inspection of the site, including all exploratory work done by the PHA, as well as from the drawings and specifications made a part of this contract. Any failure of the Contractor to take the actions described and acknowledged in this paragraph will not relieve the Contractor from responsibility for estimating properly the difficulty and cost of successfully performing the work, or for proceeding to successfully perform the work without additional expense to the PHA.

- (b) The PHA assumes no responsibility for any conclusions or interpretations made by the Contractor based on the information made available by the PHA. Nor does the PHA assume responsibility for any understanding reached or representation made concerning conditions which can affect the work by any of its officers or agents before the execution of this contract, unless that understanding or representation is expressly stated in this contract.

8. Differing Site Conditions

- (a) The Contractor shall promptly, and before the conditions are disturbed, give a written notice to the Contracting Officer of (1) subsurface or latent physical conditions at the site which differ materially from those indicated in this contract, or (2) unknown physical conditions at the site(s), of an unusual nature, which differ materially from those ordinarily encountered and generally recognized as inhering in work of the character provided for in the contract.
- (b) The Contracting Officer shall investigate the site conditions promptly after receiving the notice. Work shall not proceed at the affected site, except at the Contractor's risk, until the Contracting Officer has provided written instructions to the Contractor. If the conditions do materially so differ and cause an increase or decrease in the Contractor's cost of, or the time required for, performing any part of the work under this contract, whether or not changed as a result of the conditions, the Contractor shall file a claim in writing to the PHA within ten days after receipt of such instructions and, in any event, before proceeding with the work. An equitable adjustment in the contract price, the delivery schedule, or both shall be made under this clause and the contract modified in writing accordingly.
- (c) No request by the Contractor for an equitable adjustment to the contract under this clause shall be allowed, unless the Contractor has given the written notice required; provided, that the time prescribed in (a) above for giving written notice may be extended by the Contracting Officer.
- (d) No request by the Contractor for an equitable adjustment to the contract for differing site conditions shall be allowed if made after final payment under this contract.

9. Specifications and Drawings for Construction

- (a) The Contractor shall keep on the work site a copy of the drawings and specifications and shall at all times give the Contracting Officer access thereto. Anything mentioned in the specifications and not shown on the drawings, or shown on the drawings and not mentioned in the specifications, shall be of like effect as if shown or mentioned in both. In case of difference between drawings and specifications, the specifications shall govern. In case of discrepancy in the figures, in the drawings, or in the specifications, the matter shall be

promptly submitted to the Contracting Officer, who shall promptly make a determination in writing. Any adjustment by the Contractor without such a determination shall be at its own risk and expense. The Contracting Officer shall furnish from time to time such detailed drawings and other information as considered necessary, unless otherwise provided.

- (b) Wherever in the specifications or upon the drawings the words "directed", "required", "ordered", "designated", "prescribed", or words of like import are used, it shall be understood that the "direction", "requirement", "order", "designation", or "prescription", of the Contracting Officer is intended and similarly the words "approved", "acceptable", "satisfactory", or words of like import shall mean "approved by", or "acceptable to", or "satisfactory to" the Contracting Officer, unless otherwise expressly stated.
- (c) Where "as shown" "as indicated", "as detailed", or of similar import are used, it shall be understood that the reference is made to the drawings accompanying this contract unless stated otherwise. The word "provided" as used herein shall be understood to mean "provide complete in place" that is "furnished and installed".
- (d) "Shop drawings" means drawings, submitted to the PHA by the Contractor, subcontractor, or any lower tier subcontractor, showing in detail (1) the proposed fabrication and assembly of structural elements and (2) the installation (i.e., form, fit, and attachment details) of materials of equipment. It includes drawings, diagrams, layouts, schematics, descriptive literature, illustrations, schedules, performance and test data, and similar materials furnished by the Contractor to explain in detail specific portions of the work required by the contract. The PHA may duplicate, use, and disclose in any manner and for any purpose shop drawings delivered under this contract.
- (e) If this contract requires shop drawings, the Contractor shall coordinate all such drawings, and review them for accuracy, completeness, and compliance with other contract requirements and shall indicate its approval thereon as evidence of such coordination and review. Shop drawings submitted to the Contracting Officer without evidence of the Contractor's approval may be returned for resubmission. The Contracting Officer will indicate an approval or disapproval of the shop drawings and if not approved as submitted shall indicate the PHA's reasons therefore. Any work done before such approval shall be at the Contractor's risk. Approval by the Contracting Officer shall not relieve the Contractor from responsibility for any errors or omissions in such drawings, nor from responsibility for complying with the requirements of this contract, except with respect to variations described and approved in accordance with (f) below.
- (f) If shop drawings show variations from the contract requirements, the Contractor shall describe such variations in writing, separate from the drawings, at the time of submission. If the Architect approves any such variation and the Contracting Officer concurs, the Contracting Officer shall issue an appropriate modification to the contract, except that, if the variation is minor or does not involve a change in price or in time of performance, a modification need not be issued.
- (g) It shall be the responsibility of the Contractor to make timely requests of the PHA for such large scale and full size drawings, color schemes, and other additional information, not already in his possession, which shall be

required in the planning and production of the work. Such requests may be submitted as the need arises, but each such request shall be filed in ample time to permit appropriate action to be taken by all parties involved so as to avoid delay.

- (h) The Contractor shall submit to the Contracting Officer for approval four copies (unless otherwise indicated) of all shop drawings as called for under the various headings of these specifications. Three sets (unless otherwise indicated) of all shop drawings, will be retained by the PHA and one set will be returned to the Contractor. As required by the Contracting Officer, the Contractor, upon completing the work under this contract, shall furnish a complete set of all shop drawings as finally approved. These drawings shall show all changes and revisions made up to the time the work is completed and accepted.
- (i) This clause shall be included in all subcontracts at any tier. It shall be the responsibility of the Contractor to ensure that all shop drawings prepared by subcontractors are submitted to the Contracting Officer.

10. As-Built Drawings

- (a) "As-built drawings," as used in this clause, means drawings submitted by the Contractor or subcontractor at any tier to show the construction of a particular structure or work as actually completed under the contract. "As-built drawings" shall be synonymous with "Record drawings."
- (b) As required by the Contracting Officer, the Contractor shall provide the Contracting Officer accurate information to be used in the preparation of permanent as-built drawings. For this purpose, the Contractor shall record on one set of contract drawings all changes from the installations originally indicated, and record final locations of underground lines by depth from finish grade and by accurate horizontal offset distances to permanent surface improvements such as buildings, curbs, or edges of walks.
- (c) This clause shall be included in all subcontracts at any tier. It shall be the responsibility of the Contractor to ensure that all as-built drawings prepared by subcontractors are submitted to the Contracting Officer.

11. Material and Workmanship

- (a) All equipment, material, and articles furnished under this contract shall be new and of the most suitable grade for the purpose intended, unless otherwise specifically provided in this contract. References in the contract to equipment, material, articles, or patented processes by trade name, make, or catalog number, shall be regarded as establishing a standard of quality and shall not be construed as limiting competition. The Contractor may, at its option, use any equipment, material, article, or process that, in the judgment of, and as approved by the Contracting Officer, is equal to that named in the specifications, unless otherwise specifically provided in this contract.
- (b) Approval of equipment and materials.
 - (1) The Contractor shall obtain the Contracting Officer's approval of the machinery and mechanical and other equipment to be incorporated into the work. When requesting approval, the Contractor shall furnish to the Contracting Officer the name of the manufacturer, the model number, and other information concerning the performance, capacity, nature, and rating of the

machinery and mechanical and other equipment. When required by this contract or by the Contracting Officer, the Contractor shall also obtain the Contracting Officer's approval of the material or articles which the Contractor contemplates incorporating into the work. When requesting approval, the Contractor shall provide full information concerning the material or articles. Machinery, equipment, material, and articles that do not have the required approval shall be installed or used at the risk of subsequent rejection.

- (2) When required by the specifications or the Contracting Officer, the Contractor shall submit appropriately marked samples (and certificates related to them) for approval at the Contractor's expense, with all shipping charges prepaid. The Contractor shall label, or otherwise properly mark on the container, the material or product represented, its place of origin, the name of the producer, the Contractor's name, and the identification of the construction project for which the material or product is intended to be used.
- (3) Certificates shall be submitted in triplicate, describing each sample submitted for approval and certifying that the material, equipment or accessory complies with contract requirements. The certificates shall include the name and brand of the product, name of manufacturer, and the location where produced.
- (4) Approval of a sample shall not constitute a waiver of the PHA right to demand full compliance with contract requirements. Materials, equipment and accessories may be rejected for cause even though samples have been approved.
- (5) Wherever materials are required to comply with recognized standards or specifications, such specifications shall be accepted as establishing the technical qualities and testing methods, but shall not govern the number of tests required to be made nor modify other contract requirements. The Contracting Officer may require laboratory test reports on items submitted for approval or may approve materials on the basis of data submitted in certificates with samples. Check tests will be made on materials delivered for use only as frequently as the Contracting Officer determines necessary to insure compliance of materials with the specifications. The Contractor will assume all costs of retesting materials which fail to meet contract requirements and/or testing materials offered in substitution for those found deficient.
- (6) After approval, samples will be kept in the Project office until completion of work. They may be built into the work after a substantial quantity of the materials they represent has been built in and accepted.
- (c) Requirements concerning lead-based paint. The Contractor shall comply with the requirements concerning lead-based paint contained in the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. 4821-4846) as implemented by 24 CFR Part 35.

12. Permits and Codes

- (a) The Contractor shall give all notices and comply with all applicable laws, ordinances, codes, rules and regulations. Notwithstanding the requirement of the Contractor to comply with the drawings and specifications in the contract, all work installed shall comply with all applicable codes and regulations as amended by any

waivers. Before installing the work, the Contractor shall examine the drawings and the specifications for compliance with applicable codes and regulations bearing on the work and shall immediately report any discrepancy it may discover to the Contracting Officer. Where the requirements of the drawings and specifications fail to comply with the applicable code or regulation, the Contracting Officer shall modify the contract by change order pursuant to the clause entitled Changes herein to conform to the code or regulation.

- (b) The Contractor shall secure and pay for all permits, fees, and licenses necessary for the proper execution and completion of the work. Where the PHA can arrange for the issuance of all or part of these permits, fees and licenses, without cost to the Contractor, the contract amount shall be reduced accordingly.

13. Health, Safety, and Accident Prevention

- (a) In performing this contract, the Contractor shall:
 - (1) Ensure that no laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to his/her health and/or safety as determined under construction safety and health standards promulgated by the Secretary of Labor by regulation;
 - (2) Protect the lives, health, and safety of other persons;
 - (3) Prevent damage to property, materials, supplies, and equipment; and,
 - (4) Avoid work interruptions.
- (b) For these purposes, the Contractor shall:
 - (1) Comply with regulations and standards issued by the Secretary of Labor at 29 CFR Part 1926. Failure to comply may result in imposition of sanctions pursuant to the Contract Work Hours and Safety Standards Act (Public Law 91-54, 83 Stat. 96), 40 U.S.C. 3701 et seq.; and
 - (2) Include the terms of this clause in every subcontract so that such terms will be binding on each subcontractor.
- (c) The Contractor shall maintain an accurate record of exposure data on all accidents incident to work performed under this contract resulting in death, traumatic injury, occupational disease, or damage to property, materials, supplies, or equipment, and shall report this data in the manner prescribed by 29 CFR Part 1904.
- (d) The Contracting Officer shall notify the Contractor of any noncompliance with these requirements and of the corrective action required. This notice, when delivered to the Contractor or the Contractor's representative at the site of the work, shall be deemed sufficient notice of the noncompliance and corrective action required. After receiving the notice, the Contractor shall immediately take corrective action. If the Contractor fails or refuses to take corrective action promptly, the Contracting Officer may issue an order stopping all or part of the work until satisfactory corrective action has been taken. The Contractor shall not base any claim or request for equitable adjustment for additional time or money on any stop order issued under these circumstances.
- (e) The Contractor shall be responsible for its subcontractors' compliance with the provisions of this clause. The Contractor shall take such action with respect to any subcontract as the PHA, the Secretary of Housing and Urban Development, or the Secretary of Labor shall direct as a means of enforcing such provisions.

14. Temporary Heating

The Contractor shall provide and pay for temporary heating, covering, and enclosures necessary to properly protect all work and materials against damage by dampness and cold, to dry out the work, and to facilitate the completion of the work. Any permanent heating equipment used shall be turned over to the PHA in the condition and at the time required by the specifications.

15. Availability and Use of Utility Services

- (a) The PHA shall make all reasonably required amounts of utilities available to the Contractor from existing outlets and supplies, as specified in the contract. Unless otherwise provided in the contract, the amount of each utility service consumed shall be charged to or paid for by the Contractor at prevailing rates charged to the PHA or, where the utility is produced by the PHA, at reasonable rates determined by the Contracting Officer. The Contractor shall carefully conserve any utilities furnished without charge.
- (b) The Contractor, at its expense and in a manner satisfactory to the Contracting Officer, shall install and maintain all necessary temporary connections and distribution lines, and all meters required to measure the amount of each utility used for the purpose of determining charges. Before final acceptance of the work by the PHA, the Contractor shall remove all the temporary connections, distribution lines, meters, and associated paraphernalia.

16. Protection of Existing Vegetation, Structures, Equipment, Utilities, and Improvements

- (a) The Contractor shall preserve and protect all structures, equipment, and vegetation (such as trees, shrubs, and grass) on or adjacent to the work site, which are not to be removed under this contract, and which do not unreasonably interfere with the work required under this contract.
- (b) The Contractor shall only remove trees when specifically authorized to do so, and shall avoid damaging vegetation that will remain in place. If any limbs or branches of trees are broken during performance of this contract, or by the careless operation of equipment, or by workmen, the Contractor shall trim those limbs or branches with a clean cut and paint the cut with a tree-pruning compound as directed by the Contracting Officer.
- (c) The Contractor shall protect from damage all existing improvements and utilities (1) at or near the work site and (2) on adjacent property of a third party, the locations of which are made known to or should be known by the Contractor. Prior to disturbing the ground at the construction site, the Contractor shall ensure that all underground utility lines are clearly marked.
- (d) The Contractor shall shore up, brace, underpin, secure, and protect as necessary all foundations and other parts of existing structures adjacent to, adjoining, and in the vicinity of the site, which may be affected by the excavations or other operations connected with the construction of the project.
- (e) Any equipment temporarily removed as a result of work under this contract shall be protected, cleaned, and replaced in the same condition as at the time of award of this contract.

- (f) New work which connects to existing work shall correspond in all respects with that to which it connects and/or be similar to existing work unless otherwise required by the specifications.
- (g) No structural members shall be altered or in any way weakened without the written authorization of the Contracting Officer, unless such work is clearly specified in the plans or specifications.
- (h) If the removal of the existing work exposes discolored or unfinished surfaces, or work out of alignment, such surfaces shall be refinished, or the material replaced as necessary to make the continuous work uniform and harmonious. This, however, shall not be construed to require the refinishing or reconstruction of dissimilar finishes previously exposed, or finished surfaces in good condition, but in different planes or on different levels when brought together by the removal of intervening work, unless such refinishing or reconstruction is specified in the plans or specifications.
- (i) The Contractor shall give all required notices to any adjoining or adjacent property owner or other party before the commencement of any work.
- (j) The Contractor shall indemnify and save harmless the PHA from any damages on account of settlement or the loss of lateral support of adjoining property, any damages from changes in topography affecting drainage, and from all loss or expense and all damages for which the PHA may become liable in consequence of such injury or damage to adjoining and adjacent structures and their premises.
- (k) The Contractor shall repair any damage to vegetation, structures, equipment, utilities, or improvements, including those that are the property of a third party, resulting from failure to comply with the requirements of this contract or failure to exercise reasonable care in performing the work. If the Contractor fails or refuses to repair the damage promptly, the Contracting Officer may have the necessary work performed and charge the cost to the Contractor.

17. Temporary Buildings and Transportation of Materials

- (a) Temporary buildings (e.g., storage sheds, shops, offices, sanitary facilities) and utilities may be erected by the Contractor only with the approval of the Contracting Officer and shall be built with labor and materials furnished by the Contractor without expense to the PHA. The temporary buildings and utilities shall remain the property of the Contractor and shall be removed by the Contractor at its expense upon completion of the work. With the written consent of the Contracting Officer, the buildings and utilities may be abandoned and need not be removed.
- (b) The Contractor shall, as directed by the Contracting Officer, use only established roadways, or use temporary roadways constructed by the Contractor when and as authorized by the Contracting Officer. When materials are transported in prosecuting the work, vehicles shall not be loaded beyond the loading capacity recommended by the manufacturer of the vehicle or prescribed by any federal, state, or local law or regulation. When it is necessary to cross curbs or sidewalks, the Contractor shall protect them from damage. The Contractor shall repair or pay for the repair of any damaged curbs, sidewalks, or roads.

18. Clean Air and Water

The contractor shall comply with the Clean Air Act, as amended, 42 USC 7401 et seq., the Federal Water Pollution Control Water Act, as amended, 33 U.S.C. 1251 et seq., and standards issued pursuant thereto in the facilities in which this contract is to be performed.

19. Energy Efficiency

The Contractor shall comply with 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 the contract is performed.

20. Inspection and Acceptance of Construction

- (a) Definitions. As used in this clause -
 - (1) "Acceptance" means the act of an authorized representative of the PHA by which the PHA approves and assumes ownership of the work performed under this contract. Acceptance may be partial or complete.
 - (2) "Inspection" means examining and testing the work performed under the contract (including, when appropriate, raw materials, equipment, components, and intermediate assemblies) to determine whether it conforms to contract requirements.
 - (3) "Testing" means that element of inspection that determines the properties or elements, including functional operation of materials, equipment, or their components, by the application of established scientific principles and procedures.
- (b) The Contractor shall maintain an adequate inspection system and perform such inspections as will ensure that the work performed under the contract conforms to contract requirements. All work is subject to PHA inspection and test at all places and at all reasonable times before acceptance to ensure strict compliance with the terms of the contract.
- (c) PHA inspections and tests are for the sole benefit of the PHA and do not: (1) relieve the Contractor of responsibility for providing adequate quality control measures; (2) relieve the Contractor of responsibility for loss or damage of the material before acceptance; (3) constitute or imply acceptance; or, (4) affect the continuing rights of the PHA after acceptance of the completed work under paragraph (j) below.
- (d) The presence or absence of the PHA inspector does not relieve the Contractor from any contract requirement, nor is the inspector authorized to change any term or condition of the specifications without the Contracting Officer's written authorization. All instructions and approvals with respect to the work shall be given to the Contractor by the Contracting Officer.
- (e) The Contractor shall promptly furnish, without additional charge, all facilities, labor, and material reasonably needed for performing such safe and convenient inspections and tests as may be required by the Contracting Officer. The PHA may charge to the Contractor any additional cost of inspection or test when work is not ready at the time specified by the Contractor for inspection or test, or when prior rejection makes reinspection or retest necessary. The PHA shall perform all inspections and tests in a manner that will not unnecessarily delay the work. Special, full size, and performance tests shall be performed as described in the contract.

- (f) The PHA may conduct routine inspections of the construction site on a daily basis.
- (g) The Contractor shall, without charge, replace or correct work found by the PHA not to conform to contract requirements, unless the PHA decides that it is in its interest to accept the work with an appropriate adjustment in contract price. The Contractor shall promptly segregate and remove rejected material from the premises.
- (h) If the Contractor does not promptly replace or correct rejected work, the PHA may (1) by contract or otherwise, replace or correct the work and charge the cost to the Contractor, or (2) terminate for default the Contractor's right to proceed.
- (i) If any work requiring inspection is covered up without approval of the PHA, it must, if requested by the Contracting Officer, be uncovered at the expense of the Contractor. If at any time before final acceptance of the entire work, the PHA considers it necessary or advisable, to examine work already completed by removing or tearing it out, the Contractor, shall on request, promptly furnish all necessary facilities, labor, and material. If such work is found to be defective or nonconforming in any material respect due to the fault of the Contractor or its subcontractors, the Contractor shall defray all the expenses of the examination and of satisfactory reconstruction. If, however, such work is found to meet the requirements of the contract, the Contracting Officer shall make an equitable adjustment to cover the cost of the examination and reconstruction, including, if completion of the work was thereby delayed, an extension of time.
- (j) The Contractor shall notify the Contracting Officer, in writing, as to the date when in its opinion all or a designated portion of the work will be substantially completed and ready for inspection. If the Architect determines that the state of preparedness is as represented, the PHA will promptly arrange for the inspection. Unless otherwise specified in the contract, the PHA shall accept, as soon as practicable after completion and inspection, all work required by the contract or that portion of the work the Contracting Officer determines and designates can be accepted separately. Acceptance shall be final and conclusive except for latent defects, fraud, gross mistakes amounting to fraud, or the PHA's right under any warranty or guarantee.

21. Use and Possession Prior to Completion

- (a) The PHA shall have the right to take possession of or use any completed or partially completed part of the work. Before taking possession of or using any work, the Contracting Officer shall furnish the Contractor a list of items of work remaining to be performed or corrected on those portions of the work that the PHA intends to take possession of or use. However, failure of the Contracting Officer to list any item of work shall not relieve the Contractor of responsibility for complying with the terms of the contract. The PHA's possession or use shall not be deemed an acceptance of any work under the contract.
- (b) While the PHA has such possession or use, the Contractor shall be relieved of the responsibility for (1) the loss of or damage to the work resulting from the PHA's possession or use, notwithstanding the terms of the clause entitled Permits and Codes herein; (2) all maintenance costs on the areas occupied; and, (3) furnishing heat, light, power, and water used in the areas

occupied without proper remuneration therefore. If prior possession or use by the PHA delays the progress of the work or causes additional expense to the Contractor, an equitable adjustment shall be made in the contract price or the time of completion, and the contract shall be modified in writing accordingly.

22. Warranty of Title

The Contractor warrants good title to all materials, supplies, and equipment incorporated in the work and agrees to deliver the premises together with all improvements thereon free from any claims, liens or charges, and agrees further that neither it nor any other person, firm or corporation shall have any right to a lien upon the premises or anything appurtenant thereto.

23. Warranty of Construction

- (a) In addition to any other warranties in this contract, the Contractor warrants, except as provided in paragraph (j) of this clause, that work performed under this contract conforms to the contract requirements and is free of any defect in equipment, material, or workmanship performed by the Contractor or any subcontractor or supplier at any tier. This warranty shall continue for a period of _____ (one year unless otherwise indicated) from the date of final acceptance of the work. If the PHA takes possession of any part of the work before final acceptance, this warranty shall continue for a period of (one year unless otherwise indicated) from the date that the PHA takes possession.
- (b) The Contractor shall remedy, at the Contractor's expense, any failure to conform, or any defect. In addition, the Contractor shall remedy, at the Contractor's expense, any damage to PHA-owned or controlled real or personal property when the damage is the result of—
 - (1) The Contractor's failure to conform to contract requirements; or
 - (2) Any defects of equipment, material, workmanship or design furnished by the Contractor.
- (c) The Contractor shall restore any work damaged in fulfilling the terms and conditions of this clause. The Contractor's warranty with respect to work repaired or replaced will run for (one year unless otherwise indicated) from the date of repair or replacement.
- (d) The Contracting Officer shall notify the Contractor, in writing, within a reasonable time after the discovery of any failure, defect or damage.
- (e) If the Contractor fails to remedy any failure, defect, or damage within a reasonable time after receipt of notice, the PHA shall have the right to replace, repair or otherwise remedy the failure, defect, or damage at the Contractor's expense.
- (f) With respect to all warranties, express or implied, from subcontractors, manufacturers, or suppliers for work performed and materials furnished under this contract, the Contractor shall:
 - (1) Obtain all warranties that would be given in normal commercial practice;
 - (2) Require all warranties to be executed in writing, for the benefit of the PHA; and,
 - (3) Enforce all warranties for the benefit of the PHA.
- (g) In the event the Contractor's warranty under paragraph (a) of this clause has expired, the PHA may bring suit at its own expense to enforce a subcontractor's, manufacturer's or supplier's warranty.

- (h) Unless a defect is caused by the negligence of the Contractor or subcontractor or supplier at any tier, the Contractor shall not be liable for the repair of any defect of material or design furnished by the PHA nor for the repair of any damage that results from any defect in PHA furnished material or design.
- (i) Notwithstanding any provisions herein to the contrary, the establishment of the time periods in paragraphs (a) and (c) above relate only to the specific obligation of the Contractor to correct the work, and have no relationship to the time within which its obligation to comply with the contract may be sought to be enforced, nor to the time within which proceedings may be commenced to establish the Contractor's liability with respect to its obligation other than specifically to correct the work.
- (j) This warranty shall not limit the PHA's rights under the Inspection and Acceptance of Construction clause of this contract with respect to latent defects, gross mistakes or fraud.

24. 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.

Administrative Requirements

25. Contract Period

this contract within 245 calendar days of the effective date of the contract, or within the time schedule established in the notice to proceed issued by the Contracting Officer.

26. Order of Provisions

In the event of a conflict between these General Conditions and the Specifications, the General Conditions shall prevail. In the event of a conflict between the contract and any applicable state or local law or regulation, the state or local law or regulation shall prevail; provided that such state or local law or regulation does not conflict with, or is less restrictive than applicable federal law, regulation, or Executive Order. In the event of such a conflict, applicable federal law, regulation, and Executive Order shall prevail.

27. Payments

- (a) The PHA shall pay the Contractor the price as provided in this contract.
- (b) The PHA shall make progress payments approximately every 30 days as the work proceeds, on estimates of work accomplished which meets the standards of quality established under the contract, as approved by the Contracting Officer. The PHA may, subject to written determination and approval of the Contracting Officer, make more frequent payments to contractors which are qualified small businesses.
- (c) Before the first progress payment under this contract, the Contractor shall furnish, in such detail as requested by the Contracting Officer, a breakdown of the total contract price showing the amount included therein for each principal category of the work, which shall substantiate the payment amount requested in order to provide a

basis for determining progress payments. The breakdown shall be approved by the Contracting Officer and must be acceptable to HUD. If the contract covers more than one project, the Contractor shall furnish a separate breakdown for each. The values and quantities employed in making up this breakdown are for determining the amount of progress payments and shall not be construed as a basis for additions to or deductions from the contract price. The Contractor shall prorate its overhead and profit over the construction period of the contract.

- (d) The Contractor shall submit, on forms provided by the PHA, periodic estimates showing the value of the work performed during each period based upon the approved

submitted not later than 45 days in advance of the date set for payment and are subject to correction and revision as required. The estimates must be approved by the Contracting Officer with the concurrence of the Architect prior to payment. If the contract covers more than one project, the Contractor shall furnish a separate progress payment estimate for each.

- (e) Along with each request for progress payments and the required estimates, the Contractor shall furnish the following certification, or payment shall not be made: I hereby certify, to the best of my knowledge and belief, that:

- (1) The amounts requested are only for performance in accordance with the specifications, terms, and conditions of the contract;
- (2) Payments to subcontractors and suppliers have been made from previous payments received under the contract, and timely payments will be made from the proceeds of the payment covered by this certification, in accordance with subcontract agreements; and,
- (3) This request for progress payments does not include any amounts which the prime contractor intends to withhold or retain from a subcontractor or supplier in accordance with the terms and conditions of the subcontract.

Name: _____

Title: _____

Date: _____

- (f) Except as otherwise provided in State law, the PHA shall retain ten (10) percent of the amount of progress payments until completion and acceptance of all work under the contract; except, that if upon completion of 50 percent of the work, the Contracting Officer, after consulting with the Architect, determines that the Contractor's performance and progress are satisfactory, the PHA may make the remaining payments in full for the work subsequently completed. If the Contracting Officer subsequently determines that the Contractor's performance and progress are unsatisfactory, the PHA shall reinstate the ten (10) percent (or other percentage as provided in State law) retainage until such time as the Contracting Officer determines that performance and progress are satisfactory.
- (g) The Contracting Officer may authorize material delivered on the site and preparatory work done to be taken into consideration when computing progress payments.

Material delivered to the Contractor at locations other than the site may also be taken into consideration if the Contractor furnishes satisfactory evidence that (1) it has acquired title to such material; (2) the material is properly stored in a bonded warehouse, storage yard, or similar suitable place as may be approved by the Contracting Officer; (3) the material is insured to cover its full value; and (4) the material will be used to perform this contract. Before any progress payment which includes delivered material is made, the Contractor shall furnish such documentation as the Contracting Officer may require to assure the protection of the PHA's interest in such materials. The Contractor shall remain responsible for such stored material notwithstanding the transfer of title to the PHA.

- (h) All material and work covered by progress payments made shall, at the time of payment become the sole property of the PHA, but this shall not be construed as (1) relieving the Contractor from the sole responsibility for all material and work upon which payments have been made or the restoration of any damaged work; or, (2) waiving the right of the PHA to require the fulfillment of all of the terms of the contract. In the event the work of the Contractor has been damaged by other contractors or persons other than employees of the PHA in the course of their employment, the Contractor shall restore such damaged work without cost to the PHA and to seek redress for its damage only from those who directly caused it.
- (i) The PHA shall make the final payment due the Contractor under this contract after (1) completion and final acceptance of all work; and (2) presentation of release of all claims against the PHA arising by virtue of this contract, other than claims, in stated amounts, that the Contractor has specifically excepted from the operation of the release. Each such exception shall embrace no more than one claim, the basis and scope of which shall be clearly defined. The amounts for such excepted claims shall not be included in the request for final payment. A release may also be required of the assignee if the Contractor's claim to amounts payable under this contract has been assigned.
- (j) Prior to making any payment, the Contracting Officer may require the Contractor to furnish receipts or other evidence of payment from all persons performing work and supplying material to the Contractor, if the Contracting Officer determines such evidence is necessary to substantiate claimed costs.
- (k) The PHA shall not; (1) determine or adjust any claims for payment or disputes arising there under between the Contractor and its subcontractors or material suppliers; or, (2) withhold any moneys for the protection of the subcontractors or material suppliers. The failure or refusal of the PHA to withhold moneys from the Contractor shall in nowise impair the obligations of any surety or sureties under any bonds furnished under this contract.

28. 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.

29. 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) If any 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.

30. Suspension of Work

- (a) The Contracting Officer may order the Contractor in writing to suspend, delay, or interrupt all or any part of the work of this contract for the period of time that the Contracting Officer determines appropriate for the convenience of the PHA.
- (b) If the performance of all or any part of the work is, for an unreasonable period of time, suspended, delayed, or interrupted (1) by an act of the Contracting Officer in the administration of this contract, or (2) by the Contracting Officer's failure to act within the time specified (or within a reasonable time if not specified) in this contract an adjustment shall be made for any increase in the cost of performance of the contract (excluding profit) necessarily caused by such unreasonable suspension, delay, or interruption and the contract modified in writing accordingly. However, no adjustment shall be made under this clause for any suspension, delay, or interruption to the extent that performance would have

been so suspended, delayed, or interrupted by any other cause, including the fault or negligence of the Contractor or for which any equitable adjustment is provided for or excluded under any other provision of this contract.

- (c) A claim under this clause shall not be allowed (1) for any costs incurred more than 20 days before the Contractor shall have notified the Contracting Officer in writing of the act or failure to act involved (but this requirement shall not apply as to a claim resulting from a suspension order); and, (2) unless the claim, in an amount stated, is asserted in writing as soon as practicable after the termination of the suspension, delay, or interruption, but not later than the date of final payment under the contract.

31. Disputes

- (a) "Claim," as used in this clause, means a written demand or written assertion by one of the contracting parties seeking, as a matter of right, the payment of money in a sum certain, the adjustment or interpretation of contract terms, or other relief arising under or relating to the contract. A claim arising under the contract, unlike a claim relating to the contract, is a claim that can be resolved under a contract clause that provides for the relief sought by the claimant. A voucher, invoice, or other routine request for payment that is not in dispute when submitted is not a claim. The submission may be converted to a claim by complying with the requirements of this clause, if it is disputed either as to liability or amount or is not acted upon in a reasonable time.
- (b) Except for disputes arising under the clauses entitled Labor Standards - Davis Bacon and Related Acts, herein, 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.
- (c) 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.
- (d) The Contracting Officer shall, within 60 (unless otherwise indicated) days after receipt of the request, decide the claim or notify the Contractor of the date by which the decision will be made.
- (e) 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 unless otherwise indicated) days after receipt of the Contracting Officer's decision.
- (f) 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.

32. 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 this 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 by the PHA in completing the work.

- (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. Examples of such causes include (i) acts of God, or of the public enemy, (ii) acts of the PHA or other governmental entity in either its sovereign or contractual capacity, (iii) acts of another contractor in the performance of a contract with the PHA, (iv) fires, (v) floods, (vi) epidemics, (vii) quarantine restrictions, (viii) strikes, (ix) freight embargoes, (x) unusually severe weather, or (xi) delays of subcontractors or suppliers at any tier arising from unforeseeable causes beyond the control and without the fault or negligence of both the Contractor and the subcontractors or suppliers; and
 - (2) The Contractor, within days (10 days unless otherwise indicated) from the beginning of such delay (unless extended by the Contracting Officer) 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 obligations of the parties will be the same as if the termination had been for convenience of the PHA.

33. Liquidated Damages

- (a) If the Contractor fails to complete the work within the time specified in the contract, or any extension, as specified in the clause entitled Default of this contract, the Contractor shall pay to the PHA as liquidated damages, the sum of \$ 250.00 [Contracting Officer insert amount] for each day of delay. If different completion dates are specified in the contract for separate parts or stages of the work, the amount of liquidated damages shall be assessed on those parts or stages which are delayed. To the extent that the Contractor's delay or nonperformance is excused under another clause in this contract, liquidated damages shall not be due the PHA. The Contractor remains liable for damages caused other than by delay.
- (b) If the PHA terminates the Contractor's right to proceed, the resulting damage will consist of liquidated damages until such reasonable time as may be required for final

completion of the work together with any increased costs occasioned the PHA in completing the work.

- (c) If the PHA does not terminate the Contractor's right to proceed, the resulting damage will consist of liquidated damages until the work is completed or accepted.

34. 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.

35. Assignment of Contract

The Contractor shall not assign or transfer any interest in this contract; except that claims for monies due or to become due from the PHA under the contract may be assigned to a bank, trust company, or other financial institution. Such assignments of claims shall only be made with the written concurrence of the Contracting Officer. If the Contractor is a partnership, this contract shall inure to the benefit of the surviving or remaining member(s) of such partnership as approved by the Contracting Officer.

36. 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 \$ 1MILLION [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 \$ **1MILLION** [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.

37. Subcontracts

- (a) Definitions. As used in this contract -
- (1) "Subcontract" means any contract, purchase order, or other purchase agreement, including modifications and change orders to the foregoing, entered into by a subcontractor to furnish supplies, materials, equipment, and services for the performance of the prime contract or a subcontract.

(2) "Subcontractor" means any supplier, vendor, or firm that furnishes supplies, materials, equipment, or services to or for the Contractor or another subcontractor.

- (b) The Contractor shall not enter into any subcontract with any subcontractor who has been temporarily denied participation in a HUD program or who has been suspended or debarred from participating in contracting programs by any agency of the United States Government or of the state in which the work under this contract is to be performed.
- (c) The Contractor shall be as fully responsible for the acts or omissions of its subcontractors, and of persons either directly or indirectly employed by them as for the acts or omissions of persons directly employed by the Contractor.
- (d) The Contractor shall insert appropriate clauses in all subcontracts to bind subcontractors to the terms and conditions of this contract insofar as they are applicable to the work of subcontractors.
- (e) Nothing contained in this contract shall create any contractual relationship between any subcontractor and the PHA or between the subcontractor and HUD.

38. Subcontracting with Small and Minority Firms, Women's Business Enterprise, and Labor Surplus Area Firms

The Contractor shall take the following steps to ensure that, whenever possible, subcontracts are awarded to small business firms, minority firms, women's business enterprises, and labor surplus area firms:

- (a) Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
- (b) Ensuring that small and minority businesses and women's business enterprises are solicited whenever they are potential sources;
- (c) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses and women's business enterprises;
- (d) Establishing delivery schedules, where the requirements of the contract permit, which encourage participation by small and minority businesses and women's business enterprises; and
- (e) Using the services and assistance of the U.S. Small Business Administration, the Minority Business Development Agency of the U.S. Department of Commerce, and State and local governmental small business agencies.

39. Equal Employment Opportunity

During the performance of this contract, the Contractor agrees as follows:

- (a) The Contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or handicap.
- (b) The Contractor shall take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, national origin, or handicap. Such action shall include, but not be limited to, (1) employment, (2) upgrading, (3) demotion, (4) transfer, (5) recruitment or recruitment advertising, (6) layoff or termination, (7) rates of pay or other forms of compensation, and (8) selection for training, including apprenticeship.

- (c) The Contractor shall post in conspicuous places available to employees and applicants for employment the notices to be provided by the Contracting Officer that explain this clause.
- (d) The Contractor shall, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or handicap.
- (e) The Contractor shall send, to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, the notice to be provided by the Contracting Officer advising the labor union or workers' representative of the Contractor's commitments under this clause, and post copies of the notice in conspicuous places available to employees and applicants for employment.
- (f) The Contractor shall comply with Executive Order 11246, as amended, and the rules, regulations, and orders of the Secretary of Labor.
- (g) The Contractor shall furnish all information and reports required by Executive Order 11246, as amended, Section 503 of the Rehabilitation Act of 1973, as amended, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto. The Contractor shall permit access to its books, records, and accounts by the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (h) In the event of a determination that the Contractor is not in compliance with this clause or any rule, regulation, or order of the Secretary of Labor, this contract may be canceled, terminated, or suspended in whole or in part, and the Contractor may be declared ineligible for further Government contracts, or Federally assisted construction contracts under the procedures authorized in Executive Order 11246, as amended. In addition, sanctions may be imposed and remedies invoked against the Contractor as provided in Executive Order 11246, as amended, the rules, regulations, and orders of the Secretary of Labor, or as otherwise provided by law.
- (i) The Contractor shall include the terms and conditions of this clause in every subcontract or purchase order unless exempted by the rules, regulations, or orders of the Secretary of Labor issued under Executive Order 11246, as amended, so that these terms and conditions will be binding upon each subcontractor or vendor. The Contractor shall take such action with respect to any subcontract or purchase order as the Secretary of Housing and Urban Development or the Secretary of Labor may direct as a means of enforcing such provisions, including sanctions for noncompliance; provided that if the Contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction, the Contractor may request the United States to enter into the litigation to protect the interests of the United States.
- (j) Compliance with the requirements of this clause shall be to the maximum extent consistent with, but not in derogation of, compliance with section 7(b) of the Indian Self-Determination and Education Assistance Act and the Indian Preference clause of this contract.

40. Employment, Training, and Contracting Opportunities for Low-Income Persons, Section 3 of the Housing and Urban Development Act of 1968.

- (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 impediment 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 work site 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 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).

41. Interest of Members of Congress

No member of or delegate to the Congress of the United States of America shall be admitted to any share or part of this contract or to any benefit that may arise therefrom.

42. Interest of Members, Officers, or Employees and Former Members, Officers, or Employees

No member, officer, or employee of the PHA, no member of the governing body of the locality in which the project is situated, no member of the governing body of the locality in which the PHA was activated, and no other public official of such locality or localities who exercises any functions or responsibilities with respect to the project, shall, during his or her tenure, or for one year thereafter, have any interest, direct or indirect, in this contract or the proceeds thereof.

43. Limitations on Payments made to Influence Certain Federal Financial Transactions

- (a) The Contractor agrees to comply with Section 1352 of Title 31, United States Code which prohibits the use of Federal appropriated funds to pay any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, and officer or employee of Congress, or an employee of a Member of Congress in connection with any of the following covered Federal actions: the awarding of any Federal contract; the making of any Federal grant; the making of any Federal loan; the entering into of any cooperative agreement; or the modification of any Federal contract, grant, loan, or cooperative agreement.
- (b) The Contractor further agrees to comply with the requirement of the Act to furnish a disclosure (OMB Standard Form LLL, Disclosure of Lobbying Activities) 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 in connection with a Federal contract, grant, loan, or cooperative agreement.

44. Royalties and Patents

The Contractor shall pay all royalties and license fees. It shall defend all suits or claims for infringement of any patent rights and shall save the PHA harmless from loss on account thereof; except that the PHA shall be responsible for all such loss when a particular design, process or the product of a particular manufacturer or manufacturers is specified and the Contractor has no reason to believe that the specified design, process, or product is an infringement. If, however, the Contractor has reason to believe that any design, process or product specified is an infringement of a patent, the Contractor shall promptly notify the Contracting Officer. Failure to give such notice shall make the Contractor responsible for resultant loss.

45. Examination and Retention of Contractor's Records

- (a) The PHA, HUD, or Comptroller General of the United States, or any of their duly authorized representatives shall, until 3 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.
- (b) The Contractor agrees to include in first-tier subcontracts under this contract a clause substantially the same as paragraph (a) above. "Subcontract," as used in this clause, excludes purchase orders not exceeding \$10,000.
- (c) The periods of access and examination in paragraphs (a) and (b) above for records relating to (1) appeals under the Disputes clause of this contract, (2) litigation or settlement of claims arising from the performance of this contract, or (3) costs and expenses of this contract to which the PHA, HUD, or Comptroller General or any of their duly authorized representatives has taken exception shall continue until disposition of such appeals, litigation, claims, or exceptions.

46. Labor Standards - Davis-Bacon and Related Acts

If the total amount of this contract exceeds \$2,000, the Federal labor standards set forth in the clause below shall apply to the development or construction work to be performed under the contract.

- (a) Minimum Wages.
 - (1) All laborers and mechanics employed under this contract in the development or construction 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 taken 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 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 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 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) (1) 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 and 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.
- (2) 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.

- (3) 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.
- (e) 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.
- (f) Contract termination; debarment. A breach of this contract clause may be grounds for termination of the contract and for debarment as a Contractor and a subcontractor as provided in 29 CFR 5.12.
- (g) 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.
- (h) 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.
- (i) 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 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.
- (j) Contract Work Hours and Safety Standards Act. As used in this paragraph, the terms "laborers" and "mechanics" include watchmen and guards.
- (1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics, including watchmen and guards, shall require or permit any such laborer or mechanic in any workweek in which the individual is employed on such work to work in excess of 40 hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of 40 hours in such workweek.
 - (2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the provisions set forth in subparagraph (j)(1) of this clause, the Contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such Contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic (including watchmen and guards) employed in violation of the provisions set forth in subparagraph (j)(1) of this clause, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of 40 hours without payment of the overtime wages required by provisions set forth in subparagraph (j)(1) of this clause.
 - (3) Withholding for unpaid wages and liquidated damages. 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 any moneys payable on account of work performed by the Contractor or subcontractor under any such contract or any Federal contract with the same prime Contractor, or any other Federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime Contractor, such sums as may be determined to be necessary to satisfy any liabilities of such Contractor or subcontractor for unpaid wages and liquidated damages as provided in the provisions set forth in subparagraph (j)(2) of this clause.
- (k) 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.

47. Non-Federal Prevailing Wage Rates

- (a) Any prevailing wage rate (including basic hourly rate and any fringe benefits), determined under State or tribal 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:
 - (1) 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;
- (b) 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
- (c) An applicable trainee wage rate based thereon specified in a DOL-certified trainee program.

48. 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.



Development & Modernization

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www.hacp.org

Renovation of 10 Scattered Sites Homes

HACP Contract No. 600-31-24

SUPPLEMENTAL GENERAL CONDITIONS

SUPPLEMENTAL GENERAL CONDITIONS

To the extent that there is a conflict between the terms of the General Conditions and the terms of the Supplemental General Conditions, the terms of the Supplemental General Conditions shall govern to the extent of such conflict.

If HUD 5370 applies:

Section 31(e) of the General Conditions shall be deleted in its entirety and replaced by the following:

31(e). Forum. The Contracting Officer's decision shall be final unless, within thirty (30) days of receipt of the Contracting Officer's decision, the Contractor files suit in a court of competent jurisdiction.

If HUD 5370-EZ applies:

Section 3(d) of the General Conditions shall be deleted in its entirety and replaced by the following:

31(d). Forum. The Contracting Officer's decision shall be final unless, within thirty (30) days of receipt of the Contracting Officer's decision, the Contractor files suit in a court of competent jurisdiction.

If HUD 5370-C applies:

Section 1 Item 7(d) of the General Conditions shall be deleted in its entirety and replaced by the following:

Section 1 Item 7(d). Forum. The Contracting Officer's decision shall be final unless, within thirty (30) days of receipt of the Contracting Officer's decision, the Contractor files suit in a court of competent jurisdiction.

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

Date: _____

Signature: _____
Contracting Officer

=====

Vendor Name(Insert vendor company name above) _____

Date: _____

Signature: _____

Title: _____

THE HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

Renovation of 10 Scattered Sites Homes

HACP Contract No. 600-31-24

WAGE DETERMINATION SCHEDULE

The construction covered by this contract is subject to the requirements of Clause 47 **Labor Standards - Davis-Bacon and Related Acts** of the General Conditions of the Contract for Construction. In accordance with 47 (a)(1) the wage determination of the Secretary of Labor is attached.

"General Decision Number: PA20240012 02/23/2024

Superseded General Decision Number: PA20230012

State: Pennsylvania

Construction Type: Residential

County: Allegheny County in Pennsylvania.

RESIDENTIAL CONSTRUCTION PROJECTS (consisting of single family homes and apartments up to and including 4 stories)

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)(1).

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 \$17.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2024.
---	---

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 \$12.90 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 2024.
---	--

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 <http://www.dol.gov/whd/govcontracts>.

Modification Number	Publication Date
0	01/05/2024
1	02/02/2024
2	02/23/2024

BRPA0009-039 12/01/2022

	Rates	Fringes
BRICKLAYER.....	\$ 36.99	24.67

CARP0142-004 06/01/2023

	Rates	Fringes
CARPENTER (Including Drywall Hanging and Asphalt Roofing).....	\$ 32.29	15.27

CARP1759-007 06/01/2017

	Rates	Fringes
SOFT FLOOR LAYER.....	\$ 33.01	16.45

ELEC0005-013 12/22/2023

	Rates	Fringes
ELECTRICIAN.....	\$ 28.90	18.56

* ELEV0006-004 01/01/2024

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 58.55	37.885+a+b

FOOTNOTE:

A. Employer contributes 8% of regular hourly rate as vacation pay credit for employees with more than 5 years of service, and 6% for 6 months to 5 years of service.

B. Eight Paid Holidays (provided employee has worked 5 consecutive days before and the working day after the holiday): New Years's Day; Memorial Day; Independence Day; Labor Day; Veteran's Day; Thanksgiving Day and the Friday

after Thanksgiving Day, and Christmas Day.

IRON0003-006 06/01/2023

	Rates	Fringes
IRONWORKER, ORNAMENTAL.....	\$ 38.89	34.54

PLUM0027-005 06/01/2023

	Rates	Fringes
PLUMBER.....	\$ 48.65	25.47

SHEE0012-006 07/01/2018

	Rates	Fringes
Sheet metal worker		
Excluding HVAC Duct Work....	\$ 19.49	10.08

* SUPA2003-001 10/31/2003

	Rates	Fringes
Drywall Finishers.....	\$ 15.08 **	3.40
Laborers, Unskilled.....	\$ 12.70 **	2.12
PAINTER (Brush and Roller).....	\$ 15.90 **	4.35
PLASTERER.....	\$ 18.20	5.16
Power equipment operators:		
(Backhoe).....	\$ 17.34	4.06
Roofer (Excluding Asphalt		
Roofing).....	\$ 18.70	5.19
Sheet Metal Worker (HVAC Duct		
Only).....	\$ 16.00 **	3.08

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

** Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$17.20) or 13658 (\$12.90). Please see the Note at the top of the wage determination for more information. Please also note that the minimum wage requirements of Executive Order 14026 are not

currently being enforced as to any contract or subcontract to which the states of Texas, Louisiana, or Mississippi, including their agencies, are a party.

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 <https://www.dol.gov/agencies/whd/government-contracts>.

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) (iii)).

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.

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 National Office because National Office has responsibility for the Davis-Bacon survey program. 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"

PART 4: TECHNICAL SPECIFICATIONS

Renovation of 10 Scattered Sites Homes

IFB CONTRACT NO. 600-31-24

Technical Specifications are incorporated into the drawing set provided and referenced elsewhere in this IFB. Asbestos Abatement Specification are listed prior to the drawings.

PART 1 - GENERAL

1.01 STIPULATIONS

- A. References herein to "Contractor", "Asbestos Abatement Contractor" or "AAC" refer to the properly certified personnel employed directly under the General Construction Contract.
- B. The procedures specified in this section are for minimum performance. Variations to the stipulated work procedures will only be accepted through written approval by Professional Service Industries, Inc. (PSI), an Intertek company. The AAC is responsible for conformance to regulatory codes, rules and guidelines. The AAC is required to obtain all permits, licenses and approvals to perform the work, including any rights to use patented systems.

1.02 SCOPE OF WORK

- A. A survey for asbestos-containing materials (ACM) was conducted by accredited PSI individuals at 10 Scattered Residential sites located in Pittsburgh, PA, and a survey report was prepared. The survey reports were used to identify the types and general locations of ACMs within the buildings.
- B. The work includes removal and disposal of identified asbestos-containing roof vent caulking, door caulking, window caulking, vinyl sheet flooring, floor tile, floor tile with associated mastic, and undercoating on sinks.
- C. The scope of work for this project includes the filing of required notifications, landfill charges, supplying of all labor, tools, materials, equipment, services and appurtenances to conduct the work. The work shall be performed to the complete satisfaction of Housing Authority City of Pittsburgh (Owner), and the Environmental Consultant in accordance with the current Environmental Protection Agency (EPA) and Occupational Safety and Health Administration (OSHA) regulations, the Pennsylvania Department of Labor and Industry (PA DL&I), the Department of Environmental Protection (DEP), and the Allegheny County Health Department (ACHD) regulations and any other applicable Federal, State and Local Government regulations. The AAC shall perform the abatement in accordance with the most stringent of the regulations provided.
- D. There must be at least three (3) state licensed workers/supervisors present and working at all times during the scheduled shifts. The AAC must have written approval from the Environmental Consultant and the Owner to use less than five certified workers for a specific reason. In addition, sufficient manpower must be provided to maintain the overall project schedule.
- E. Submit required documentation in accordance with Owners "Submittal Procedures". Copy all communication to Owner and Environmental Consultant.

1. SDS Submittals will not be acted upon by Owner but may be accepted as Information Submittals.

The determination of the exact amount of asbestos-containing materials present is solely the responsibility of the General Contractor.

Work under this project includes, but is not limited to, the following Proper Removal and Disposal of the following asbestos-containing materials:

8331 Vidette

Material Description	Material Locations	Estimated Quantity
White Door Caulking	Front Door	20 LF

1541 Chelton Avenue

Material Description	Material Locations	Estimated Quantity
Black Roof Tar	Roof Vents	2 Ea

958 Norwich Street

Material Description	Material Locations	Estimated Quantity
Gray Window Caulking	Front Window	50 LF
Residual Door Caulking	Side Door	15 LF

1318 Oranewood Avenue

Material Description	Material Locations	Estimated Quantity
Tan Door Caulking	Front Doors	20 LF

2534 Neeld Avenue

Material Description	Material Locations	Estimated Quantity
Black Mastic Associated with Non ACM Floor Tile	Basement	500 SF

7152 McPhearson Boulevard

Material Description	Material Locations	Estimated Quantity
Yellow sheet flooring with underlayment and adhesive	Kitchen	150 SF
Kitchen Sink Undercoating	Kitchen	1 Ea.
Gray Exterior Window Caulking	Kitchen and Bathroom Window	2 Ea.

2337 Wolford Street

Material Description	Material Locations	Estimated Quantity
Black Mastic Associated with Non ACM Floor Tile	Kitchen	200 SF
Black Mastic associated with Non ACM Floor Tile	Basement	250 SF
Tan Door Caulking	Basement Door and Front Door	30 LF

- F. All loose furnishings and fixtures in the work areas will be removed by the General Contractor prior to abatement activities.
- G. The AAC is to include in the bid price and supply all means necessary to access ACMs (i.e. scaffolding, aerial lifts, etc.).

1.03 CONTROL OF WORK

- A. Work which does not conform to the requirements of the contract, plans and specifications will be considered unacceptable.
- B. Unacceptable work, whether the result of poor workmanship, use of defective materials, damage through carelessness, or any other cause found to exist prior to the final acceptance of the work, shall be corrected immediately to an acceptable condition.
- C. If the Owner or Environmental Consultant finds the materials furnished, work performed, or the finished product not within conformity with the contract documents and have resulted in an unacceptable finished product, the affected work or material shall be corrected by and at the expense of the Contractor.

1.04 QUALITY ASSURANCE

- A. Independent testing agency:
 - 1. AAC to coordinate with Environmental Consultant whose purpose will be to establish ambient levels of airborne fibers before, during, and after abatement activities, and to detect faults in the work area isolation that might result in the

contamination of the building with airborne asbestos fibers caused by the failure of the air exhausting system or rupture in the containment barriers. The Environmental Consultant will ensure that all work is performed in compliance with OSHA, EPA, and ACHD standards and regulations.

2. Airborne fibers referred to above include all fibers regardless of composition as counted by phase contrast microscopy (PCM) in accordance with NIOSH 7400 Procedure. Should the PCM air monitoring detect either a fault in the work area isolation or visible emission, the AAC shall immediately cease asbestos abatement activities until the fault is corrected. Work shall not recommence until authorized by the Environmental Consultant.
3. Any result greater than 0.01 fibers per cubic centimeter (f/cc) collected by an air sample outside the work area shall be considered as evidence of a fault in the work area isolation. The AAC shall strive to maintain the asbestos concentration inside the work area equal to or less than 0.2 f/cc by engineering and work practice controls. It is recognized that there may be situations when this is not feasible. At the discretion of the Environmental Consultant, levels may exceed 0.2 f/cc, but not 0.5 f/cc. Additional engineering controls and work practices shall be implemented by the AAC should any result from an air sample collected inside the work area exceed 0.5 f/cc.
4. Excessive Airborne Fiber Counts: The following procedures shall be used to resolve any dispute regarding fiber type when a project has been stopped due to excessive airborne fiber counts. Samples will be collected and analyzed by transmission electron microscopy (TEM) utilizing NIOSH 7402 Method by a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory.
5. Personnel Air Samples: The AAC is responsible for monitoring its personnel in accordance with OSHA regulations 29CFR 1926.1101 and mandatory appendices.
6. Asbestos abatement work shall be considered to be substantially complete upon confirmation of final air clearance by the Environmental Consultant and passing a visual clearance inspection performed by the ACHD.

B. Contractor Experience:

1. The AAC shall have a minimum of two (2) years of experience in the asbestos abatement business and shall have successfully completed three (3) projects of similar or larger size and dollar value to this project, and shall not have defaulted on an asbestos abatement project within the last two (2) years. The AAC shall furnish documentation of these projects, including names and addresses of the purchaser of the service and the location of the work performed.
2. The AAC shall be certified by the Pennsylvania Department of Labor and Industry and the ACHD. The AAC certification number must be provided to the Owner in its bid.

3. The AAC shall provide a list of any outstanding violations received from OSHA, the EPA, ACHD, or any applicable State and Local Governing body that occurred within the two (2) years.

C. Worker Certification:

1. Furnish proof that its employees have been instructed on the dangers of asbestos exposure, on respirator use, decontamination, and current OSHA and EPA regulations. Proof of training is to be provided to the Environmental Consultant prior to commencement of abatement activities.
2. Documentation of workers medical exams, consisting of x-rays and pulmonary function shall be submitted to the Environmental Consultant prior to any work being performed and as may be required by current OSHA and EPA regulations and any applicable State and Local Government regulations.
3. There must be an EPA Certified Asbestos Abatement Supervisor on site at all times during abatement activities. The Asbestos Abatement Supervisor shall have successfully completed an EPA Certified Practices and Procedures Course as per 40 CFR, Part 763, Subpart E, Appendix C-EPA Model Accreditation Part (must provide a copy of certificate from EPA approved course). All asbestos workers shall have successfully completed an EPA Certified Practices and Procedures Course as per 40 CFR, Part 763, Subpart E, Appendix C-EPA "Model Accreditation Plan". The Contractor must provide copies of current certificates from Pennsylvania Department of Labor and Industry for all workers and supervisors.
4. The Abatement Supervisor and Abatement Workers shall be licensed by the PA DOLI. Each worker/supervisor shall have photo identification issued by PA DOLI available at the work site.

1.05 POSTING OF REGULATIONS

- A. The AAC will have at all times in their possession, at their office and at the jobsite, one (1) copy of the current OSHA Regulations 29CFR1926.1101, Asbestos, and current Environmental Protection Agency 40 CFR Part 61, Subpart N: National Emission Standard for Asbestos, Asbestos Stripping Work Practices and Disposal of Asbestos Waste.

1.06 CODES AND REGULATIONS AND REGULATORY AGENCIES SUBMITTALS
(AAC'S RESPONSIBILITY)

- A. Except to the extent that more explicit or more stringent requirements are written directly into the contract documents, all applicable codes, regulations, and standards have the same force and effect (and are made a part of the contract documents by reference) as if copied directly into the contract documents, or as if published copies are bound herewith.
- B. The following codes and regulations govern asbestos abatement work, asbestos waste material, hauling and disposal, employee health and safety, and environmental protection:

1. U.S. Department of labor, OSHA, including but not limited to:
 - a. Occupation Exposure to Asbestos, Title 29, Part 1910, Section 1001 and Part 1926, Section 1101 of the Code of Federal Regulations.
 - b. Respiratory Protection, Title 29, Part 1910, Section 134 of the Code of Federal Regulations.
 - c. Training and Work Practices, Title 29, Part 1926, Section 26 of the Code of Federal Regulations.
 - d. Employee Exposure and Medical Records, Title 29, Part 1910, Section 20 of the Code of Federal Regulations.
 - e. Specifications for Accident Prevention Signage and Label, Title 29, Part 1910, Section 145 of the Code of Federal Regulations.
 2. U.S. Environmental Protection:
 - a. Regulations for Controlling Visible Emissions, National Emission Standard for Asbestos, Title 40, Part 61, Subpart M of the Code of Federal Regulations.
 - b. Guidelines for Disposal of Solid Waste, Title 40, Part 241 of the Code of Federal Regulations.
 - c. Criteria for Classification of Solid Waste Disposal Facilities and Practices, Title 40, Part 257 of the Code of Federal Regulations.
 3. U.S. Department of Transportation
 - a. Hazardous Material Regulations, Title 49, Part 107 of the Code of Federal Regulations.
 4. Commonwealth of Pennsylvania, Bureau of Occupational and Industrial Safety
 - a. Pennsylvania Act 194, Asbestos Occupations Accreditation and Certification Act.
 5. Pennsylvania Department of Environmental Protection
 - a. Asbestos Regulations, Title 25, Part 1, Subpart C
 6. Allegheny County Health Department
 - a. Rules and Regulations, Article XXI, Air Pollution Control
- C. Notify the following agencies in writing ten (10) days prior to starting work for notification and instructions concerning proper disposal of asbestos waste material. Copies of all notifications shall be sent to the Owner and the Environmental Consultant.
1. Pennsylvania Department of Environmental Protection
Bureau of Air Quality Control
P.O. Box 8468
Harrisburg, Pennsylvania 17105-8468
 2. Allegheny County Health Department
301-39th Street, Building 7
Pittsburgh, Pennsylvania 15201

1.07 AIR MONITORING

- A. Air sampling of work areas and surrounding environment will be conducted during the performance of this contract by the Environmental Consultant so as to ensure compliance with all codes, regulations, ordinances and these specifications.
- B. AAC shall fully cooperate with the Environmental Consultant and all others responsible for testing and inspecting the work. An air testing and monitoring schedule shall be submitted prior to the start of work.
- C. Air testing and analysis shall be in accordance with current EPA and requirements of Section 29CFR 1926.1101 of the current OSHA Regulations, as a minimum. Analysis shall be performed by Phase Contrast Microscopy (PCM) per NIOSH 7400 Method analytical procedures and/or Transmission Electron Microscopy (TEM) per EPA Level II analytical procedures.
- D. Air tests taken prior to start of work (background), during abatement activities (areas and personals) and upon completion of removal activities (finals) will be analyzed by PCM. .
- E. After a work area has passed the Environmental Consultant's visual inspection, final clearance testing will be performed no sooner than 24 hours later.
- F. The Environmental Consultant shall give verbal notification to the Owner of the final clearance results of each test within 24 hours of the time the samples were analyzed. The Environmental Consultant shall confirm the results in writing within three (3) days thereafter.
- G. Prompt reports are necessary so that, if required, modifications to work methods and/or practices may be implemented as soon as possible, if such action is required.
- H. Representatives of the Environmental Consultant shall have access to the work area at all times. Provide facilities for such access in order that the Environmental Consultant may properly perform its function.
- I. Specimens and samples for testing shall be taken by the testing personnel. Sampling equipment and personnel will be provided by the Environmental Consultant. Air sampling shall be performed in each work area prior to commencement of the work at the location. The highest fiber count reading during pre-clearance clean-up monitoring shall be lower than the background readings established by pre-job monitoring or 0.01 f/cc, whichever is lower.
- J. Air sampling shall be conducted on, but not necessarily limited to, the following schedule:

Area	When	Number of Samples (minimum)	Volume Sample (liters)	Minimum Collection Rate (liters/min)
Work Area (PCM)	Prior to job start	5	1500	2-10
Work Area (PCM)	During area Isolation	Daily ₁	1000	2-10
Work Area (PCM)	During abatement work	Daily ₁	1000	2-10
Work Area (PCM) ₂	During abatement work	Daily ₂	1000	2-10
Work Area (PCM) (<160 SF, 260 LF)	At completion (final)	3	1500	2-10
Work Area (PCM) (>160 SF, 260 LF)	At completion (final)	5	1500	2-10

NOTES:

- 1 Consecutive daily air samples will be taken during abatement to yield a minimum of eight (8) hours of sampling time for each active work area.
- 2 Exterior samples shall be taken at all decontamination unit entrance, waste load out exit, and discharge of HEPA exhaust units.

- K. Work area clearance testing shall be completed before work site protective barriers are removed.
- L. AAC is responsible for performing the thirty (30) minute excursion air sampling per OSHA Regulations.
- M. AAC is responsible for performing personal air samples in the employees breathing zone per OSHA regulations.

1.08 AIR FILTERING

- A. An approved pressure/air movement atmosphere may be created in the active work area using HEPA equipped air movement units.
- B. Air may be drawn from clean areas through the decontamination and active work areas, HEPA filtered and exhausted through air movement units to the containment exterior. Replace filters in accordance with manufacturer's instructions.
- C. Air movement should be sufficient quantity to ensure a minimum of four (4) air changes per hour.

example: Active work area = 50' x 50' x 20' = 50,000 cu. ft.

For four air changes per hour = $4 \text{ AC/HR} \times 50,000 \text{ CF/AC} = 200,000 \text{ cu. ft./hr.}$

In cubic feet per minute = $200,000 \text{ CF/HR} : 60 \text{ min./hr.} = 3,333 \text{ cu. ft./minute}$

- D. The exhaust system must be sufficient to maintain a minimum pressure differential of - 0.02 inches of water relative to unsealed, adjacent area. Provide continuous, 24-hours per day monitoring of the pressure differential with an automatic recording instrument.
- E. The exhaust system(s) will run twenty-four (24) hours/day until final clearance is obtained and will be maintained in accordance with ANSI Z9.2 and the manufacturer's directions.
- F. To ensure continuous operation, provide a spare negative exhaust unit available.

1.09 ALTERNATIVE AIR FILTERING METHODS

- A. Other approved air filtering methods may be utilized with the stipulation that designed regulatory agencies provide documented approval to the Owner and the Environmental Consultant. It shall be the responsibility of the AAC to submit all documentation required to the appropriate regulatory agency for their review and approval.

1.10 PLACEMENT OF WARNING SIGNS AND LABELS

- A. Warning Signs and Labels: Provide warning signs at all approaches to asbestos control areas containing concentrations of airborne asbestos fibers. Locate signs at such a distance that personnel may read the sign and take the necessary protective steps required before entering the area. Provide labels and affix to all asbestos materials, scrap waste, debris and other products contaminated with asbestos.

Warning Signs: Provide warning signs conforming to 29 CFR 1926.1101 with the following legend:

DANGER
ASBESTOS
CANCER AND LUNG DISEASE HAZARD
AUTHORIZED PERSONNEL ONLY
RESPIRATORS AND PROTECTIVE CLOTHING ARE
REQUIRED IN THIS AREA

Provide spacing between lines at least equal to the height of the upper of any two lines.

- B. Caution Labels: Attach label to each disposal bag and container, displaying the following legend:

DANGER
CONTAINS ASBESTOS FIBERS
AVOID CREATING DUST
CANCER AND LUNG DISEASE HAZARD

- C. Identification Label: Attach label to inner opaque or colored disposal bag so that it remains visible through the clear outer bag. Attach labels to container transported from facility site. Text shall include the following legend:

Waste Generator Name:

Generator Location:

- D. Transportation Marking: In accordance with 49 CFR 107, provide marking on all containers with more than one pound of friable asbestos, as follows:

NA2212
RQ ASBESTOS
PGIII
CLASS 9

PART 2 - PRODUCTS

2.01 EQUIPMENT AND MATERIALS

A. The list of required materials will include, but is not necessarily limited to the following:

1. Respirators: Provide respiratory protection in accordance with OSHA Regulation 29 CFR 1926.1101 and ANSI Z88.2-1980. Respiratory protection shall be as listed below. There shall be NO EXCEPTION to this requirement. No employee or visitor shall enter the area without this protection until all visible asbestos has been removed from this area. Employees or visitors shall wear this type respirator. Respirators shall be NIOSH/MSHA approved.
2. Protective Clothing: Provide only disposable protective clothing with material composition of layered polypropylene or spunbonded polyethylene nonwoven material. Disposable protective clothing is to be worn once and disposed of as asbestos-contaminated waste upon exiting from the work area. Suits shall have zipper front and attached hood and shoe covers. "Tyvek" by DuPont, or approved equal are acceptable disposable coveralls. Gloves will be worn for hand cover as required.
3. Wetting Agents: The asbestos material will be sprayed with water containing an additive to enhance penetration. The additive, or wetting agent, will be polyoxyethylene at a concentration of one (1) ounce per five (5) gallons of water, or equal. A fine spray of this solution must be applied to prevent fiber disturbance preceding the removal of the asbestos material. The asbestos will be sufficiently saturated to prevent emission of airborne fibers in excess of the exposure limits prescribed in the current OSHA standards referenced in these specifications. Dry removal will not be allowed except with written approval.
4. Polyethylene sheeting: Actual thickness must be six (6) mils, for vertical protection (walls, doors, windows) and for all other uses (floors, fixed equipment, HVAC supply and return openings). Industry Standard "6 mil" sheet is not acceptable.
5. Polyethylene bags (with warning labels) six mil (.006") minimum for disposal. All asbestos that is removed shall be double bagged.
6. Tape: High quality vinyl or fabric duct tape.
7. Negative Pressure Filtration Equipment: Air movement and filtering equipment equipped with HEPA filters rated at 99.97% removal down to 0.3 microns, and of sufficient capacity to provide a minimum of four (4) air changes per hour for each active work area.
8. Airless Spray Equipment: Electric airless spray equipment for saturating and mist fiber control. Low-pressure (500 psi) equipment must be available on-site and utilized as required.

9. Vacuum: HEPA rated for surface cleaning and housekeeping. Hand operated and power tools such as, but not limited to, saws, scorers, abrasive wheels and drills should be provided with local exhaust ventilation systems with HEPA filters.
10. Hand tools: Brooms, plastic shovels, scrapers, brushes, etc., in sufficient quantity to ensure the appropriate level of housekeeping.
11. Water Filtration System: Shower and contaminated water filtration system.
12. GFI Equipment: All electrical connectors in the work area must be through "ground fault" protected outlets/circuits.
13. Flooring Removal Machine: Infrared heat unit with HEPA filtration/purification system.
14. Shot blasting methods are to be utilized for this project for flooring adhesive removal.
15. Penetrating Encapsulant: Penetrating encapsulants to be used on this project are International Cellulose Corporation SK-13 Asbestos Encapsulant, International Protective Coatings Corporation Serpiflex Shield, Fiberlock Technology ABC Asbestos Binding Compound Concentrate, and others listed as acceptable in the Environmental Protection Agency - Battelle Laboratory Encapsulant Study, or approved equal.
16. SDS for all materials shall be submitted to Independent testing agency and kept on site.

2.02 PERSONNEL PROTECTION

- A. Personnel protection is required for laborers, mechanics, supervision and visitors at the work site during the set-up and abatement operations.
- B. Each worker shall be supplied with a minimum of two (2) complete protective work clothes and respirator filter changes per day for the complete duration of the project. Hard hats should be available as appropriate which meet ANSI Z-89.1 standards. Safety toe footwear is to be worn underneath the disposable or recyclable shoe cover and must meet the requirements and specifications in ANSI Z-41-1. Eye wear and face protection must meet the standards and specifications of ANSI Z-87.1.
- C. In addition to sets of protective work clothes for workers, the Contractor shall have on hand two (2) additional sets of disposable work clothes per day for personnel who are authorized to inspect the work site. Hard hats should be available as appropriate which meet ANSI Z-89.1 standards. Safety toe footwear is to be worn underneath the disposable or recyclable shoe covers and must meet the requirements and specifications in ANSI Z-41-1. Eye wear and face protection must meet the standards and specifications of ANSA Z-87.1.

- D. Respirators approved for asbestos use and protective work clothes will be worn by laborers and mechanics as a minimum during set-up operations (plastic draping, light-fixture dropping or removal, etc.).
- E. Appropriate respirators will be worn by all personnel in the active work area.
- F. Upon leaving the active work area, filters will be discarded, cartridges removed and respirators cleaned in disinfectant solution and clean water rinse.
- G. Clean respirators will be stored in plastic bags when not in use.
- H. Respirators will be inspected daily for broken, missing, or deteriorated parts.

PART 3-EXECUTION

3.01 AREA PREPARATION

- A. Prior to starting the abatement, provide to the Owner and the Environmental Consultant the intended methods for set-up and abatement. Issues to be covered must include type of containment, location of decontamination chambers, method to remove ACMs, safety data sheets (SDS) of any solvents to be used, landfill to be used for disposal of asbestos-containing materials, and a schedule for project completion.
- B. Temporary Electrical Services within Containment Area: As required, coordinate with the Owner's access and connection to temporary power and arrangements for temporary lighting. Ensure safe use of temporary power sources and equipment in compliance with the requirements of the UL Code. Provide ground fault circuit interrupters (GFCI) for all equipment and utility circuits. All extension cords shall be grounded. See Section 01 5000 and Division 26.
- C. Plumbing and Sanitary Services within Containment Area: Provide for temporary water from existing building sources to control the generation of airborne dust, to allow for area, personnel, and equipment decontamination, and to supply decontamination unit needs. Also, provide for temporary sanitary drainage piping to decontamination unit sump at a minimum slope of 2.0%, and temporary drainage piping to waste water pump and existing drain in accordance with local standards.
- D. Isolate the work area for the duration of the work by installing critical barriers completely sealing off all openings in the work area, including, but not limited to, heating ventilation ducts, doorways, corridors, windows, roof ventilator openings, and wall vents, with plastic sheeting taped securely in place.
- E. Under no circumstances will the AAC allow any containment areas to be broken.
- F. Provide decontamination chamber(s) to be connected to each active work area for entrance to or exit from the active work area. When required a separate material load-out unit shall be provided.

3.02 DECONTAMINATION CHAMBER (USAGE AND ACTIVITIES)

- A. Outside room (clean room). In this room the worker leaves all street clothes and dresses in clean working clothes. Respiratory protection equipment is also picked up in this area. No asbestos contaminated items should enter this room. Workers enter this room either from outside the structure dressed in street clothes, or naked from the showers, after showering.
- B. Shower Room: This is a separate room used for transit by cleanly dressed workers entering the job from the outside room or by workers headed for the showers after undressing in the equipment room.
- C. Equipment Room (contaminated area): Work equipment, footwear and additional contaminated work clothing are left here. This is a change and transit area for workers.

- D. Decontamination facilities require temporary utility services. Verify during bidding period the availability for temporary hook up. Mobilization, hook-up and demobilization, disconnection costs will be the responsibility of the Contractor. Installation of temporary services during demolition shall be per current EPA and OSHA regulations.
- E. Work Area: The work area should be separated by polyethylene barriers from the equipment room. If the airborne asbestos level in the work area is expected to be high, as in dry removal an additional intermediate cleaning space may be added between the equipment room and the work area. Isolation of the work areas, as required, is necessary to prevent contamination and fiber dispersal to other areas of the building during work and clean-up operation. Air movement will flow uninterrupted from outside the work area through the change and equipment rooms into the active work area. It is then HEPA filtered and exhausted to the building exterior.

3.03 WORK AREA ENTRANCE/EXIT

- A. All workers involved in the removal of asbestos will utilize the following procedure for work area entrance and exit.
- B. The worker enters outside room and removes clothing, puts on clean uniform, gloves and respirator. Gloves will be taped to uniform sleeves and boots taped to coverall legs. Uniforms will be taped closed at neck, zipper seams, wrists and ankles.
- C. Any additional clothing and equipment left in dirty room required by the worker is donned. (When the work area is too cold for coveralls only, workers will usually provide themselves with additional warm garments which must be treated as contaminated clothing and left in the decontamination area.)
- D. Worker proceeds to work area.
- E. Before leaving the work area, the worker shall remove all gross contamination and debris from the coveralls, by vacuuming down the clothes with a vacuum cleaner with a HEPA filter. In practice, this is typically carried out by one worker assisting another.
- F. The worker proceeds to equipment room and removes all clothing except respiratory protection equipment. Extra work clothing may be stored in contaminated end of the area.
- G. Disposable coveralls are placed in a bag for disposal with other material. The worker then proceeds into the shower room. Respiratory protection equipment should only be removed after wetting in shower to prevent inhalation of fibers. Ensure that employees shower daily before entering the clean room.
- H. After showering, the worker moves to the clean room and dresses in either new coveralls for another entry or street clothes if leaving.
- I. Respirators are picked up, washed and wrapped by protected workers. The respirators are then brought to the clean room by an outside worker.

- J. Workers shall not eat, drink, smoke, chew gum, or chew tobacco in the work area. To eat, drink or smoke, workers shall follow the decontamination procedure outlined above.
- K. All footwear shall be left inside work area until completion of the job, then cleaned or discarded.

3.04 METHOD OF REMOVAL

- A. Remove and dispose of all asbestos-containing materials in accordance with the more stringent methods and procedures as outlined in the United States Department of Labor, OSHA Asbestos Regulations, Codes of Federal Regulations Title 29, Part 1926, Section 1926.1101 or as are written directly into the contract documents.
- B. Dry removal will not be allowed except when wet removal will create a safety hazard. Dry removal process will require written authorization by the USEPA.
- C. Work of this section shall be performed in the following manner:
 - 1. Eliminate airflow into containment area by isolating all supply and return air ducts from mechanical system. Turn off electrical power.
 - 2. Install six (6) mil polyethylene critical barriers over all windows, doors, wall openings, ceiling openings, electrical outlets, ventilation points of entry/exit, etc. Secure with duct tape on all sides.
 - 3. Six (6) mil polyethylene protecting ceiling surface from wall to wall, where needed.
 - 4. Isolation barriers separating occupied areas and work areas shall be framed and covered with ½ inch plywood and two (2) layers of six (6) mil polyethylene.
 - 5. Duct HEPA filter unit through window. Locate unit to prevent dead air pockets.
 - 6. Install triple air curtain, six (6) mil polyethylene (typical), over door opening into decontamination unit or load out unit
 - 7. Utilize wet methods with amended water
 - 8. ACM waste must be removed and disposed of by the end of each work shift.
 - 9. Removal of Asbestos Containing Vinyl Sheet Flooring, Floor Tile and Mastic adhesive
 - a. Demolition of building systems, components, and/or fixtures may be necessary to access ACMs.
 - b. Establish negative pressure, full containment, critical barrier containment or mini-containment, depending on the mastic removal procedure.
 - c. Remove asbestos tile mastic and/or contaminated underlayments or vapor barriers by suitable means (e.g., scrapers) and wet methods. Remove the tile without breakage. Place tile into a polyethylene lined fiberboard box or double (6) mil disposal bag. Seal box and place in disposal bag. HEPA vacuum the floor substrate and any remaining loose dust and debris generated by removal activities.
 - d. Remove tile adhesive using a surface milling machine consisting of a shot blasting device utilizing steel abrasive shot and a separate dust collector vacuum device equipped with a HEPA filtration system under a full containment or using a solvent adhesive remover under a critical barrier containment with splash guards.

- e. When adhesive is to be removed by the use of a chemical adhesive removal solvent, workers must be made aware that solvents formulated from petroleum distillates often contain chemicals which pose significant health risks including eye, skin, respiratory or central nervous system disorders. Therefore, the use of certain solvents may require additional protective clothing and the use of organic vapor respirators. In addition, workers should be made aware that many of these solvents may be categorized as combustible.
- f. Non-Petroleum adhesive removal solvents (often citrus-based) avoid many of the hazards inherent in petroleum-based products. However, the flash point for ignition may be relatively similar.
- g. Before an adhesive removal solvent is used, submit a safety data sheet (SDS), which is available from chemical manufacturers or distributors. Do not proceed with the work until the SDS is provided to the Owner. When work commences, the solvent shall be used in strict conformance with the manufacturer's recommendations and directions.
- h. The Environmental Consultant may test for complete removal of adhesive. Concrete will be scraped to detect adhesive residue. Concrete will be considered bare, if no adhesive residue is visible on the scraper.
- i. Accumulate all loose material for disposal. Wet wipe all wall, floor, ceiling and horizontal surfaces.
- j. The Environmental Consultant, Professional Service Industries, Inc. (PSI), shall inspect for complete removal of all materials. Contractor shall re-clean and dispose of any asbestos-containing material identified.

10. Sink Undercoating

- a. Establish a critical barrier containment.
- b. Manually remove doors wrap in six (6) mil polyethylene sheeting for disposal.
- c. Accumulate all loose material for disposal. Wet wipe all wall, floor, ceiling and horizontal surfaces.
- d. The Owner or Owner's Consultant shall inspect for complete removal of all materials. Contractor shall re-clean and dispose of any asbestos-containing material identified.

11. Exterior Door and Window Caulking and roof vent tar

- a. Establish an exterior regulated work area with barricade tape to prevent entry into an active work area by unauthorized persons. Install drop cloths consisting six (6) mil polyethylene directly underneath active work areas.
- b. All materials shall be wetted with amended water, manually removed, and immediately double wrap with six (6) mi polyethylene for disposal.
- c. Accumulate all loose material for disposal.
- d. The Owner or Owner's Consultant shall inspect for complete removal of all materials. Contractor shall re-clean and dispose of any asbestos-containing material identified.

- D. Vacuum any remaining material from sub surfaces, i.e., wire lath, concrete, pipe, steel joists, etc.
- E. All polyethylene, tape, clothing and cleaning materials shall be bagged and disposed of as specified.
- F. Clean all equipment, tools, etc., prior to removing them from work area.
- G. Remove polyethylene on walls and ceiling. Critical barriers sealing all windows, doors, wall openings, ceiling openings, electrical outlets, etc., are to remain. Treat polyethylene as asbestos-contaminated materials.
- H. Place asbestos-containing and asbestos-contaminated material while still wet into sealable, opaque or colored six (6) mil polyethylene bags. Do not overfill, place more than twenty-five (25) pounds into it or use it for disposal of sharp-edged materials.
- I. Evacuate the bag with HEPA vacuum and seal collapsed bag by twisting top six (6) inches closed and wrapping with a minimum of two (2) layers of duct tape.
- J. Twist top and fold over, apply second wrap of duct tape.
- K. Clean outside of disposal bag by wet wiping and take bag to the equipment and staging area.
- L. Affix warning and identification labels to opaque or colored bag and then place bag inside a second, six (6) mil polyethylene bag.
- M. Seal outer bag by repeating steps I. and J.
- N. Double-bagged waste shall be placed into a lined, covered receptacle or dumpster. Wastes must not remain on the ground.
- O. HEPA filter unit to remain in place until space has been cleared by clearance test results.
- P. Door into decontamination unit or load out room to remain.
- Q. The Environmental Consultant will perform a visual inspection to verify all ACM has been removed.
- R. The Environmental Consultant will perform final air clearance testing.
- S. Remove critical barriers upon instructions from the Environmental Consultant.
- T. Any alternate method of removal must have the written approval of the Owner and the Environmental Consultant.

3.05 HOUSEKEEPING

- A. Throughout the work period, maintain the building and site in a standard of cleanliness as specified throughout these specifications.

- B. Contaminated disposable clothing, respirator filters and other debris will be bagged, properly labeled and sealed at the end of each workday.
- C. All asbestos generated by removal, encapsulation or repair will be bagged, properly labeled, and sealed at the end of each workday.
- D. Respirators will be thoroughly cleaned at the end of each workday and stored for the next day's use.
- E. Retain all stored items in an orderly arrangement allowing maximum access, not impeding traffic, and providing the required protection of materials.
- F. Do not allow the accumulation of scrap, debris, waste material, and other items not required for completion of this work.
- G. At least weekly, and more often is necessary, completely remove all scrap, debris and waste material from the job site.
- H. Unless otherwise noted or directed, materials resulting from demolition operations shall be the property of the AAC, shall not be used in the work and shall be promptly removed from the site.
- I. Daily and more often if necessary, inspect the work areas and adjoining spaces, and pick up all scrap, debris and waste material. Remove all such items to the place designated for their storage.
- J. Provide adequate storage for all items awaiting removal from the job site, observing all requirements for fire protection and protection of the ecology.
- K. Maintain the site in a neat and orderly condition at all times.
- L. Compressed air is not to be used for cleaning purposes.

3.06 FINAL DECONTAMINATION OF WORK AREA

- A. Carefully double bag all removed asbestos material, labeling bags as required.
- B. Bags shall be wiped with clean damp cloths prior to transportation to approved disposal site.
- C. Plastic barriers, as specified, shall be carefully removed, folded inward rolled into bundles and bagged for disposal. Note: Final barriers are not to be removed until work is completed and instructed by the Environmental Consultant.
- D. During decontamination of the work area (after asbestos removal), the AAC shall remove the polyethylene sheets from walls and floors only. The windows and doors shall remain sealed and any HEPA filtration systems shall remain in service until final acceptance.
- E. Hard surfaces flooring such as concrete, terrazzo, VAT and ceramic tile, shall be wet mopped, allowed to dry, and damp mopped a second time with clean mop heads.

- F. Walls, furniture and equipment (which remain in work area during work operations), windows and other surfaces shall be thoroughly cleaned with damp cloths.
- G. And carpeting shall be cleaned with a HEPA type vacuum cleaner.

CONVENTIONAL VACUUMS WILL NOT BE PERMITTED.

- H. All surfaces are to be left visually clean.
- I. After the work area is found to be in compliance by visual inspection, and before removing plastic barriers, the Environmental Consultant shall take clearance samples as specified in Air Sample Schedule, Section 1.07J as soon as feasible but not sooner than twenty-four (24) hours after completion of all cleaning work, or as may be specified by the Owner. If analysis results of all samples are below 0.01 fibers per cubic centimeter (f/cc), final air clearance has been achieved and the response action is complete.
- J. Should final air clearance fail to meet the standard established above, the AAC shall pay all costs associated with the Environmental Consultant's re-sampling and analysis. At Contractor's sole option and at no additional cost to the Owner, PCM samples which fail to meet the clearance levels can be tested for compliance by the TEM protocol established in NIOSH 7402.
- K. If pre-clearance criteria are not met, repeat final cleaning until additional tests indicate conformity before proceeding with final clearance.
- L. All mop heads and cleaning cloths are to be discarded in the same manner as asbestos waste.
- M. Clean all glass inside of work area.
- N. All windows, doors, louvers, etc., shall be unsealed and the sheeting, tape etc., shall be disposed of as heretofore prescribed.
- O. All plastic sheeting, tape, cleaning materials, clothing and all other disposable material or items used in the work area shall be packed into sealable plastic bags (6-mil. minimum) for transport. Double bagging is required.

3.07 DISPOSAL OF ASBESTOS WASTE

- A. All asbestos materials and miscellaneous debris will be transported to the pre-designated disposal site in accordance with the guidelines of the U.S. EPA, Title 40, Part 61, Subpart H, and all local agencies' regulations.
- B. The landfill used for dumping shall be certified to receive and bury materials contaminated by asbestos.
- C. Obtain signed waste shipment record indicating material is asbestos waste, and site it came from. Waste Disposal Manifests must also indicate amount of waste in cubic yards or tons.

- D. Submit Waste Disposal Manifests to the Owner and the Environmental Consultant with final report.

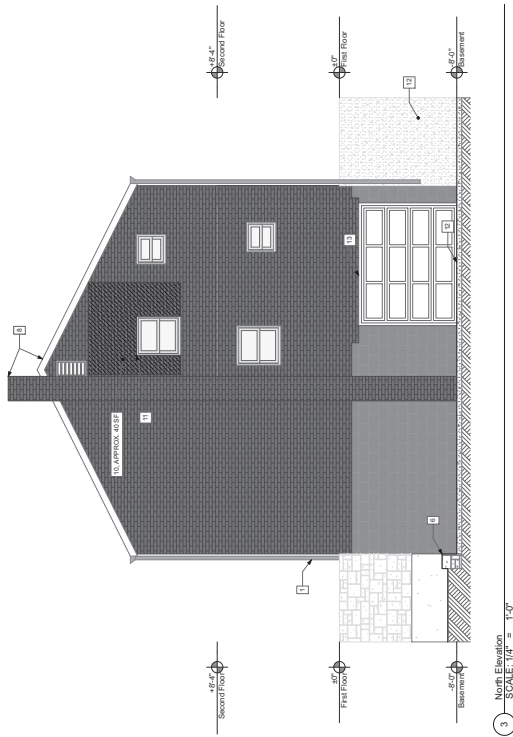
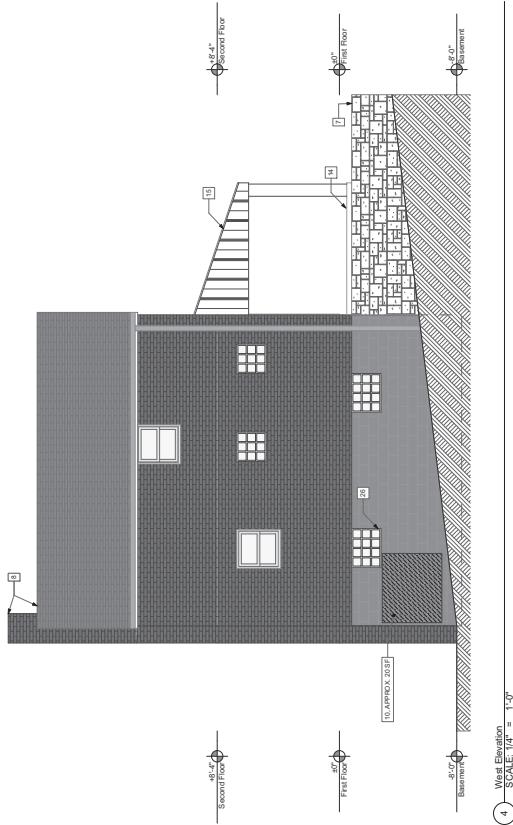
3.08 RECORDKEEPING AND LOG

- A. Maintain a daily log documenting the following items:
 - 1. Entry and exiting of work area by work personnel, visitors, and inspectors.
 - 2. Personnel air monitoring test results.
 - 3. Special or unusual events, such as power loss or equipment failure.
 - 4. Daily inspection of decontamination unit, load-out unit, containment area integrity, and air exhausting system.
 - 5. Amount of asbestos-containing material removed from the work site.
 - 6. Work progress narrative.
- B. Provide a copy of the log to the Owner and the Environmental Consultant at the end of the project.

3.09 INSPECTIONS

- A. All work procedures detailed in this specification will be strictly adhered to and meet or exceed all current EPA, OSHA, DEP, ACHD, and PDL&I regulations.
- B. All work shall meet with the approval of the Owner and the Environmental Consultant. Work which does not meet with such approval shall be determined to be unsatisfactory.

END OF SECTION 02 8000

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7. **GENERAL COMMENT 3: EFFECTS OF CONCENTRATED RAINFALL ON THE MECHANICAL COMPORTMENT OF THE SOIL AND THE COORDINATION WITH THE ADHESIVE RESISTANCE TEST PROPOSED BY ISO 17892**

7.1. **GENERAL COMMENT 3.1: EFFECTS OF CONCENTRATED RAINFALL ON THE MECHANICAL COMPORTMENT OF THE SOIL**

7.1.1. **UNDERSTANDING BEHAVIOUR OF CLAYEY AND SILTY SOILS FROM LOW TO HIGH WATER CONTENTS**

7.1.2. **ADDITIONAL INVESTIGATIONS BY CURVEFITTING AND COMPARISON TO DATA FROM LOWEST WATER CONTENTS**

7.1.3. **CONCLUSIONS**

7.2. **UNDERSTANDING BEHAVIOUR OF SANDY AND SILTY SANDS FROM LOW TO HIGH WATER CONTENTS**

7.2.1. **ADDITIONAL INVESTIGATIONS BY CURVEFITTING AND COMPARISON TO DATA FROM LOWEST WATER CONTENTS**

7.2.2. **CONCLUSIONS**

7.3. **SHAKING OF RECTANGULAR TESTS**

7.3.1. **ADDITIONAL INVESTIGATIONS BY CURVEFITTING AND COMPARISON TO DATA FROM LOWEST WATER CONTENTS**

7.3.2. **CONCLUSIONS**

7.4. **AT THE END OF THE WORKING GROUP**

7.4.1. **RECOMMENDATIONS**

7.4.2. **REMARKS**

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SITE PLAN LEGEND

	GRASS		M.S.C. BRICK		AC CONDENSER		RAILING		TRUE ROOF OUTLINE
	LIGHTWEIGHT CONCRETE		MULCHED AREA		TREE / SHRUB		PAVING		APPROX. PROPERTY LINE
	CONCRETE BLOCK		STREET SIGNAGE		3 STREET SIGNAGE		MAN HOLE		WINDOW/ WELL

GGC: General Contract; E: Electrical Contract; P: Plumbing Contract; M: Mechanical Contract

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28. **FRONT ENTRY DOOR:** Remove existing door and frame. Provide new main entrance entry door, frame hardware and threshold. Provide new storm door with chain and handle. See Specifications.
29. **LIVING ROOM DINING ROOM WINDOWS:** GCR: Replace both windows in these locations. See Specifications.
30. **FLOOR FINISH:** GCR: Remove existing carpet and VCT floor finish throughout first floor. Provide new VCT floor over existing carpet and floor joists. See Specifications.
31. **KITCHEN FLOORING:** GCR: Remove existing kitchen VCT flooring. Install new waterproof VCT flooring. Repair additional areas not to be removed by VCT flooring. Install new waterproof VCT flooring in areas not to be removed by VCT flooring. See Specifications.
32. **KITCHEN CEILING:** GCR: Remove and repair any existing ceiling lighting equipment. 50% damaged by water from bathroom above. Replace any existing lighting equipment damaged by water from bathroom above. See Specifications.
33. **KITCHEN CROWN MOULDING:** GCR: Remove and replace existing crown moulding and baseboard. Provide new crown moulding and baseboard. See Specifications.
34. **KITCHEN APPLIANCES:** GCR/PM: Provide new stove/oven combination. Provide new sink, sink hardware and drain assembly. Provide new refrigerator. Provide new kitchen exhaust hood. See Specifications.
35. **MAIN STAIR HANDRAIL MISSING SECTION:** GCR: Provide missing section of handrail. New handrail shall match existing wrought iron material and detailing to be slightly angled. It shall extend from the bottom of the existing handrail to a post above or slightly below the point of the lowest rise. See S&S data and Specifications.
36. **WOOD HANDRAIL MISSING SECTION:** GCR: Provide missing section of handrail. New wood handrail shall match existing wood handrail and detailing to be slightly angled. It shall extend from the point of the lowest rise to the next post. See S&S data and Specifications.

GC: General Contract; E: Electrical Contract; P: Plumbing Contract; M: Mechanical Contract

1. UNDERGROUND SEWER LINES (P): Camera and clear sanitary sewer line from lowest level to main, including all roof drains to tie in or daylight.

2. DUCTWORK: M-1: Engage professional ductwork cleaning company to clean whole house ductwork, including grilles and diffusers. Replace any missing grilles or diffusers (Allowance of \$100 per grille or diffuser). Grilles and diffusers must be added, trim number to be applied based on quantity of grilles and diffusers per address as noted. Trim number to be applied based on quantity of grilles and diffusers per address as noted.
3. SMOKE/CO DETECTORS E-I: In entire houses, provide new Smoke/CO Detectors. See Specifications for type and location.
4. INTERIOR PAINTING: Paint all interior walls, ceilings, doors and trim (P.O.D.). See Specifications for paint type and color.
5. EXTERIOR PAINTING: Paint all exterior walls, ceilings, walls and painted trim/canopies (P.O.D.).
6. PAINTED DOORS, TRIM, CEILING, AND WALL BASE TO BE PAINTED WITH A SEMI-GLOSS FINISH. ALL EXTERIOR WALLS AND CEILINGS TO BE PAINTED WITH AN AGGRIFFED FINISH. SEE SPECIFICATIONS.
7. INTERIOR DOORS (GO): Remove existing interior doors and provide new interior doors with solid core construction. See Specifications.
8. EXTERIOR DOORS (GO): Remove existing exterior doors and provide new exterior doors with insulating door cores (GO) and storm doors. See Specifications.

7. **ENTRANCE CANOPY (GC):** At this location, the existing entrance awning appears to be pulling away from wall. Remove brick both above and below awning attachment in order to ensure

- that running is believed to structural wall studs. If not attached, restrain opening to studs using 14d nails. 3" Gypsum board below window sill. Seal around window with caulk. Clean debris from sowing and re-create proper drainage. Repair framing and drains as necessary. Provide new drain inlet baskets. See Specifications.
8. BRICK WALL (WC): Report windowsills at this location. See Specifications.
9. BRICK WALL (WC): Clean and report brick in area in quantity indicated.
10. SPACED WINDOW SILL (WC): Report windowsills at this location. See Specifications.
11. SPACED WINDOW SILL (WC): Report windowsills at this location. See Specifications.
12. REAR TERRACE WALL (GC): At this location pull back grade and rebuild dry stack retaining wall to joints (concrete). 1 linear ft. At Provide new filter fabric and gravel capable to facilitate drainage in new report (GC). Retained: 5000 sq. ft. See Specifications.
13. BUILT UP (GC): Report existing retaining wall and report top and bottom caps, post and rail, and retaining wall, downspouts, etc. Re-do using new materials. Replace exposed mortar chimney cap with new. See Specifications.
14. CONCRETE (GC): Report existing retaining wall including retaining wall, downspouts, concrete overhang, remove prior section retaining wall and seal wall to match existing construction. Provide new 36 x 54 deep galvump with filter fabric wrap and new topsoil. See Specifications.
15. CONCRETE (GC): Report existing retaining wall. Remove down to new underground drain and install new drainage system. Remove down to new underground drain to remove vegetation down 1' provide new backer rod and caulk to slab top edge. See Specifications.
16. ASIDE (GC): Report new ACZ Condenser on concrete pad. See Specifications.
17. ASIDE (GC): Replace wood framed deck, 6 in x 6 ft, at above grade with new 2x6x6 wood framing. Replace deck design and design with new structural material. See Specifications.

17. GARAGE TO INTERIOR DOOR (GCI): Remove existing door and frame between garage and residence. Provide new min. 1 3/8" thick, 20 minute rated insulated metal door and frame. Paint to finish with new threshold and all door hardware. See specifications.

18. **EXPANDED ENVELOPE (EE):** At this location, where ductwork penetrates garage envelope, use ductwork, warm seal joints and wrap duct in 1" rigid insulation. Probe finished 5/8" x 3" GWB finish to fully enclose duct tight to ceiling and wall, with all edges and corners beveled. Tape, spackle, and paint new GWB to finish. See Specifications.
19. **GARAGE TO BASEMENT INSULATION (GBI):** A garage/basement and above block wall (approx. 18" high full length of garage/basement), remove existing fiberglass batt insulation, provide instead new closed cell foam spray on insulation 3" x 3" thick. See Specifications.

20. ELECTRICAL PANEL (E): Replace existing corroded electrical panel and replace with new 100 AMP panel with new arc fault type circuit breakers. Balance loads, mark all circuits and

20. PROVIDE NEW PANEL, LEGEND TYPE OR READY TO LEGIT HANDWRITEN. ADDITIONALLY, PROVIDE ELECTRICAL CONNECTION AND BONDING OF THE ELECTRICAL SYSTEM. SEE SPECIFICATIONS.
21. DUCTWORK (M): SEAMS SHALL BE EXPOSED DUCT SEAMS WITHIN BASEMENT. SEE SPECIFICATIONS.
22. BASEMENT (M): CLEAN AND PAINT BASEMENT SLAB AND HANDRAIL. PROVIDE NEW HAND-RAIL TRAP COVERS AT EACH TRAP. SEE SPECIFICATIONS.
23. REMOVAL OF ABANDONED APPLIANCES (C): REMOVE AND PROPERLY DISPOSE OF EXISTING APPLIANCES. SEE SPECIFICATIONS.
24. BASEMENT FINISH FLOOR (C): CLEAN, PRIME AND PAINT EXISTING BASEMENT FLOOR (APPROX. 2600 SQ. FT.). SEE SPECIFICATIONS.
25. LAUNDRY TUB (FACET) (P): REPLACE LEAKING LAUNDRY TUB WITH NEW. SEE SPECIFICATIONS.
26. WATER HEATER (P): WATER HEATER APPEARING TO BE MANUFACTURED EARLY FEB OF 2017 AND DOWNSIDE OF WATER HEATER (P) MANUFACTURE DATE APPEARS TO BE DECEMBER OF 2021, MAKING THE FURNACE 3 YEARS OLD. SERVICE.

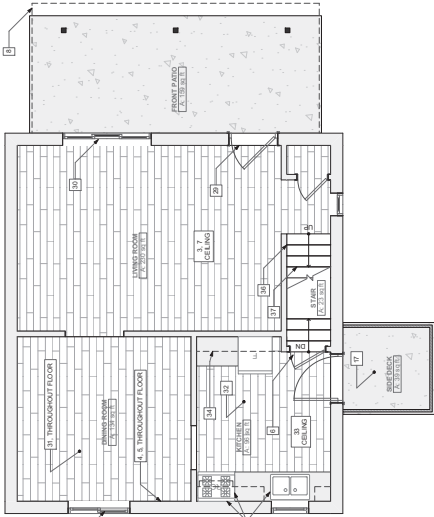
1. PROPERTY HAS BEEN TESTED FOR HAZARDOUS MATERIALS. REPORT OF RESULTS WILL BE AVAILABLE BY 10/1/97.
2. CONTRACTOR TO FOLLOW THE RECOMMENDATIONS FROM THE GEOTECHNICAL CONSULTANT.
3. CONTRACTOR TO REPLY ANY AND ALL CONCERN TO ANY AND ALL COMMENTS CONCERNING ANY AND ALL DIMENSIONS OF WORK AREAS DISCREPANCY TO THE ARCHITECT.
4. THE FINISH FLOOR OF THIS PROJECT IS DEFINED BY THE FOLLOWING:
 - A. FINISH FLOOR OF THIS BUILDING CONSTRUCTION WITH EXISTING WALL CONSTRUCTION, FINISH NEW CONSTRUCTION WITH EXISTING WALL CONSTRUCTION, FINISH NEW CONSTRUCTION WITH NEW WALL CONSTRUCTION PARTITIONS.
 - B. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER GRAPHIC REPRESENTATIONS. NOTIFY ARCHITECT IMMEDIATELY IN WRITING IF ANY DISCREPANCY IN DIMENSIONS.
5. DIMENSIONS SHOWN INDICATE FINISHED FACE OF WALL.
6. ALL NEW OR RECONSTRUCTED DOOR WALLS, UNLESS NOTED OTHERWISE, REMOVE ALL CONCRETE RESIDUE, AND/OR SHIP WITH JOINT COMPOUND NECESSARY TO PREP WALLS FOR NEW FINISHES.
7. ALL NEW OR RECONSTRUCTED DOOR WALLS, UNLESS NOTED OTHERWISE, REMOVE ALL CONCRETE RESIDUE, AND/OR SHIP WITH JOINT COMPOUND NECESSARY TO RECEIVE NEW FLOORING.
8. ALL NEW OR RECONSTRUCTED DOOR WALLS, UNLESS NOTED OTHERWISE, REMOVE ALL CONCRETE RESIDUE, AND/OR SHIP WITH JOINT COMPOUND NECESSARY TO RECEIVE NEW FLOORING.

28. FRONT ENTRY DOOR (GC): Remove existing entry door and frame. Provide new insulated entry door, frame hardware and threshold. Provide new storm door with chain limiter and closer. See Specifications.

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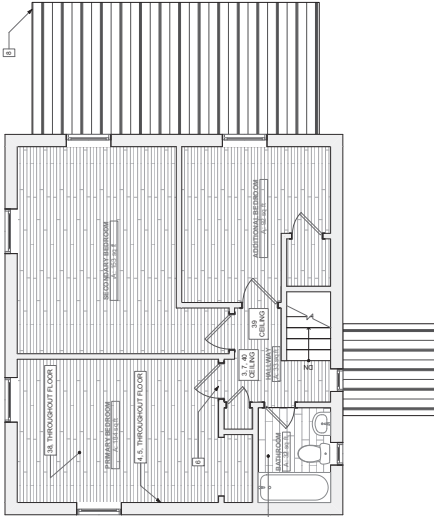
37. FLOOR FINISH (GC): Provide new LVT floor over existing hardwood floor (approx. 480 sf).
Provide new painted 1/4 Rd trim at wall base. See Specification.

38. ATTIC ACCESS DOOR (EQ): At this location, provide new insulated hinged attic access door in existing opening.
39. ATTIC INSULATION (EQ): Provide new min R-38 blown in attic insulation (approx. 320 sf) verified with depth indicators. Take care not to cover air circulation channels.
40. BATHROOM (GCP): In second floor bathroom, remove existing VCT flooring (approx. 25 sf), provide new LVT flooring per Specifications. Remove and replace existing existing tub, provide new tiled shower pan, new tiled drain, new tiled vanity and cabin, and toilet. Provide new tiled floor in adjacent hallway. Provide new tiled floor in adjacent bathroom and ventilated to the exterior. Provide new towel bars, robe bar, grab bar and toilet roll holder. See Specifications.



PLAN NORTH

2 First Floor
SCALE: 1/4" = 1'-0"



3 Second Floor
SCALE: 1/4" = 1'-0"

205 Ross Street
Pittsburgh, Pennsylvania 15219
ph 412.281.6001 fx 412.281.6002

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CONSTRUCTION DOCUMENTATION

L. Any conflicts in the drawings or between new and existing construction shall be referred to the Architect.

- | | |
|---|--|
| <p>Contractor shall verify all dimensions and section sizes of existing structure and existing conditions prior to construction. The Contractor shall be responsible for resolving any discrepancies between all dimensions, elevations, and/or alterations to any and all conditions prior to commencing any phase of work. Do not proceed with any phase of work.</p> <p>All work shall be installed in accordance with applicable code and regulations.</p> | <p>Contractor shall be responsible for the anchoring, securing, and preparation of all existing footings, walls, and/or foundations to receive scheduled finishes.</p> <p>All items shown on drawings are finished construction conditions. Contractor shall provide and install all materials required for finished assemblies.</p> <p>All reports, plans, specifications, computer files, field notes, and other documents shall be submitted and remain the property of the Architect. The Architect shall retain all common law, statutory, and other records and documents.</p> |
|---|--|

Owner:

The Housing Authority of the City of
Pittsburgh
412 Boulevard of the Allies
Pittsburgh, Pennsylvania, 15219

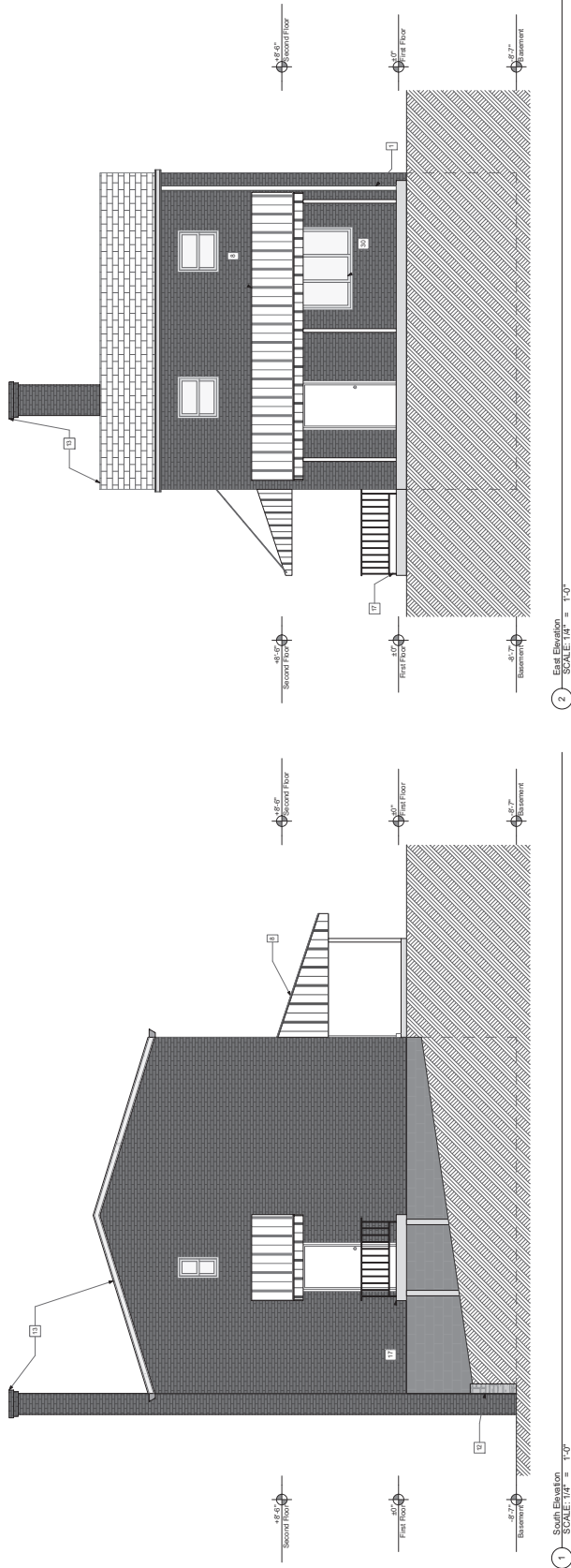
Renovation of 10 Scattered
258 Norwich Avenue

Pittsburgh, Pennsylvania 15201

Basement, First Floor, Second Floor,

Renovation Plan Legend, Floor Plan Legend, Keynotes

As Noted	Sheet No.	
date	A3	
August 20th, 2024	Project #2326	
3 of 9		



10 Scattered Sites Keynotes – 958 Norwich Ave

GGC: General Contract; E: Electrical Contract; P: Plumbing Contract; M: Mechanical Contract

General

- [illegible]

Ext

7. **ENTRANCE CANOPY (EC):** At this location, the exit/entrance opening appears to be pulled away from wall. Remove roof and below ceiling attachment in order to ensure that ceiling is attached to structural wall studs. If it is not attached, attach wiring to wall studs. If wiring is attached to structural wall studs, it is not attached, attach wiring to wall studs. If wiring is attached to structural wall studs, it is not attached, attach wiring to wall studs. If wiring is attached to structural wall studs, it is not attached, attach wiring to wall studs.
8. **BRICK VENTILATION (BV):** Report window wall at this location. See Specifications.
9. **BRICK WALL (BW):** Clean and repoint wall in area in quantity indicated. See Specifications.
10. **BRICK VENTILATION (BV):** Report window wall at this location. See Specifications.
11. **BRICK RETAINING WALL (BR):** At this location wall base and mud silt drain (mud silt drain) wall to pump(s) (sewer, 5 linear ft.). Provide new filter brick and gravel backfill to 18-in. drain base as well as new topsoil on top. Refer to Specifications.
12. **DOOR (CD):** Remove existing hinges (rough, 700 ft.), staining, roof vent caps, roof pipe boots (staining, staining, windows etc.). Do not roof using new materials. Replace door.

Interior First Floor

- [illegible]

Second Floor / Attic

37. FLOOR FINISH (GF): Provide new LVJ floor over existing hardwood floor. Approx. 400 sq. ft.
38. ATTIC ACCESS DOOR (OC): At this location, provide new insulated hinged attic access door in existing opening.
39. ATTIC INSULATION (GC): Provide new min R-38 blown in attic insulation (approx. 520 sq. ft.). Verified with depth indicators. Take care not to cause air circulation channels. See Specifications.
40. BATHROOM (GC/P): In second floor bathroom: Remove existing VCT flooring (approx. 25 sq. ft.), provide new LVJ flooring per Specifications. Remove and replace existing wading tub, porcelain, medicine cabinet, toilet, vanity, floor and drain, and sink and drain, and toilet. Remove and replace existing shower pan, shower pan and drain, and shower pan and drain, and vent and seal in the entrance. Provide new towel rack, Robe Hook, Grab bar and toilet roll holder. See Specifications.

Interior Basement

20. **APPLY ELECTRICAL PANEL (L)** Replace existing covered electrical panel and replace with new AMP panel with an amp built type circuit breaker, balance panel, main circuit and ground bus, and a 100 amp service disconnect. Provide proper electrical grounding and bonding of the electrical system. See Specifications.
21. **DUCTWORK (R)** Same wall as exposed duct system within basement. See Specifications on page 10.
22. **BASMENT ACCESS STAIRS (R)** GOI Clean and properly remove stair and handrail. Provide new handrail and finish.
23. **REMOVAL OF ABANDONED APPLIANCES (R)** Remove and properly dispose of existing HVAC unit currently sitting in basement.
24. **BASMENT FINISH FLOOR (GOI)** Clean, prep and paint existing basement floor (approx. 260 sq. ft.) with epoxy floor paint.
25. **LAUNDRY TUB FACET (P)** Replace existing laundry tub with new. See Specifications.
26. **WATER HEATER (P)** Water heater appears to be manufactured during Feb of 2017 and does not show signs of failure. Service call to be scheduled.
27. **WATER HEATER (P)** Water heater date appears to be December of 2011, making the heater 5 years old. Service call to be scheduled.

general notes

- existing construction shall be referred to the Architect.
- Contractor shall verify all dimensions and existing conditions in the field and shall advise the Architect immediately of any discrepancies between the drawings and the existing conditions. In addition, to determine the exact location of existing conditions, the Contractor shall provide the Architect with a detailed drawing, with all dimensions, of the existing conditions. **Do not** make any changes to the drawings without the Architect's written approval.
- Contractor shall be installed in accordance with applicable codes and regulations.
- Contractor shall be responsible for the protecting, repairing and preparation of all existing floors, walls, ceiling and partitions required to receive scheduled finish. All items shown on drawings are finished construction unless otherwise noted. Contractor shall install all material required for finished assemblies.
- All reports, plans, specifications, computer files, field notes, data, reports, and other documents and materials shall be submitted to the Architect for review and remain the property of the Architect. The Architect shall retain all computer files, drawings, reports, and other material submitted to the Architect. The Contractor shall retain all computer files, drawings, reports, and other material submitted to the Contractor.

revisions

As Noted	Sheet No. A4	
date	Project #2326	
no.	4	9
of.		

Portions work must be coordinated with the Hazardous material report provided by PHSU.

To follow recommendations for abatement specified in the report first study performed:

	General
1.	UNDERGROUND SEWER LINES (P) Camera and color sanitary sewer line from lowest level
2.	DUCTWORK (PI) Engage professional cleaning company to clean whole house ductwork, including fireplaces and diffusers. Replace any rusted gaskets or filters (allowance \$500) and have all ductwork cleaned and inspected by a certified technician. All ductwork on the main level at least 10 ft high. Additionally, we want the exposed ductwork to paint air leakage, insulate and seal ductwork in unconditioned spaces, e.g., garage (see additional specification note for type) (E).
3.	SPECIFIC ONE FOR TYPE (F). In entire house, provide new SmartCO Detectors. See Specification one for types (H).
4.	MISCELLANEOUS WALLS (OC) Remove all existing grout, seal, and patching for exterior wall. Prep and joint all walls, crown, base, painted doors, and painted trim/casing. Painted doors, trim, casing, and wall base to be painted with a semi-gloss finish. All existing walls need to be painted with an eggshell finish. See Specifications.
5.	

6. **BACKYARD PAVEMENT SLAB (G):** Remove existing concrete slab at rear yard (approx. 300' long and 10' wide). Replace with new concrete slab (approx. 300' long and 10' wide). Reconstruct and finish 4" compacted gravel. Pour new (10"x30") slab to replace existing. See Specifications.
7. **ENTRANCE CANOPY / RAILING (G):** At this location, remove existing (8"x18") aluminum entrance canopy and railing. Provide new canopy, decorative support posts and railing matching existing. See Specifications.
8. **CONCRETE (G):** Replace bottom driveway concrete (approx. 120 sq ft) and slope to drain. See Specifications.
9. **CONCRETE BLOCK RETAINING WALLS (G):** Provide and install new capstones to replace existing concrete block retaining walls. See Specifications.
10. **EXISTING DAMAGED PAVEMENT (G):** Remove and replace damaged pavement on driveway, parking area and top of stairs total on two walls. See Specifications.
11. **EXISTING DAMAGED DRIVEWAY (G):** Remove and replace damaged driveway (approx. 20' x 10'). See Specifications.
12. **DE-NAET (G):** Strip and repair mortar joints atop 8" of chimney. Remove existing crumbling mortar cap and top section of terra cotta flue. Provide new flue section and topped mortar cap at top. See Specifications.
13. **NEW CONDENSATE (G):** Install new Condensate, seal all through wall penetrations with silicone seal. See Specifications.
14. **SIDE PAVEMENT SLAB (G):** Remove existing concrete slab at sideyard (approx. 10' high). Reconstruct and finish 4" compacted gravel. Pour new 4" slab to replace existing. See Specifications.
15. **WOOD STAIRS BETWEEN DRIVEWAY AND SIDEYARD (G):** Remove existing (approx. 8') wood stairs between driveway and side yard (approx. 8'). See Specifications.
16. **DAMPER (G):** Remove abandoned damper and patch back. See Specifications.

17. **GARAGE ENVELOPE (GC):** At this location, where ductwork penetrates garage envelope, expose ductwork, seam seal joints and wrap duct in 1" rigid insulation. Provide finished 5/8" exposure ductwork, seam seal joints and wrap duct in 1" rigid insulation. Provide finished 5/8" exposure ductwork, seam seal joints and wrap duct in 1" rigid insulation.

Portions of the work must be coordinated with the Hazardous materials report provided by PSL GC GC, General Contract; E: Electrical Contract; F: Plumbing Contract; H: Mechanical Contract to follow recommendations for abatement specified in the report if not already performed.

2. DUCTWORK [M]: Engage professional cleaning company to clean whole house from ductwork, including filters and diffusers. Replace any rusted grids or diffusers (allowance on the order). Clean and inspect all ductwork and registers. Seal all ductwork with mastic on the total used (allow for all listed). Additionally, seal seal at exposed ducts to trim at ceiling, insulate and seal ductwork in unconditioned spaces, e.g. attics (see additional notes).
3. SMOKE/CO DETECTORS (E): In entire house, provide new Smoke/CO Detectors. See ductwork note at Garage.
4. MISCELLANEOUS WALL (CO) Remove all existing drywall, see Specifications.
5. INTERIOR WALLS, CEILINGS, DOORS AND TRIM (CO): Repair holes and gouges (new) for paint. Prep and paint all walls, ceilings, walls baseboards and painted trim (finish). Painted doors, trim, casing and wall base to be painted with a semi-gloss finish. At existing walls and ceilings to be painted with an eggshell finish. See specification.

[illegible]

KITCHEN RANGE HOOD (EM): Replace existing Kitchen Range hood with new, See Specifications.

KITCHEN CEILING (M): Remove existing fan and patch ceiling. See Specifications.

FRONT DOOR THRESHOLD (GC): Replace door with new. Remove section of cracked non-shrink grout at sill. Prep surface, cast a concrete slab to seal. Provide new non-shrink grout sloped up. Clean and seal concrete at concrete crack using crack sealant. See Specification.

LIVING ROOM (M): Replace thermostat with programmable thermostat.

MAIN STAIRWAY (GO): At main stairway, remove existing handrail, sand, stain and refinish handrail. Patch and paint existing and old mounting holes. Re-fasten handrail to studs to assure solid mounting. Remove existing carpet stair runner. Sand, stain and finish existing painted wood treads, risers and stringers. See Specifications.

[illegible]

2 First Floor
SCALE: 1/4" = 1'-0"

PLAN NORTH

3 Second Floor
SCALE: 1/4" = 1'-0"

Floor plan of the second floor. The plan shows a central hallway with a staircase labeled 'DOWN'. To the left of the hallway is a 'BEDROOM' with a 'CLO.' (closet). To the right of the hallway is another 'BEDROOM' with a 'CLO.' and a 'BATH'. At the top of the plan is a 'BATH' with a 'TUB' and a 'CLO.' (closet). A 'HALL' is also labeled near the top. A 'THROUGHOUT FLOOR' is indicated on the right side. The plan includes various doors, windows, and furniture like a bed, dresser, and bathtub.

PLAN NORTH

3 Second Floor
SCALE: 1/4" = 1'-0"

CONSTRUCTION DOCUMENTATION

2. Contractor shall verify all dimensions and existing conditions in the field and shall advise Fukui Architect. If any discrepancies between, additions to, deletions from, or alterations to any and all conditions prior to proceeding with any phase of work. Do not scale drawings.
3. All work shall be installed in accordance with applicable codes and regulations.

- Contractor shall verify all dimensions and conditions of the field and existing footings before excavation. If any discrepancies to drawings are detected, inform of them to the architect and the engineer. No work shall proceed with any phase of work. Do not start excavating.
- All work shall be installed in accordance with applicable codes and regulations.
- Contractor shall be responsible for the protecting, repairing and preparations of all existing footings, walls, columns and other structures. If necessary, the contractor shall inform the architect to recover subsided foundations.
- All items shown on drawings are finished construction assemblies. Contractor shall provide and install all material required for finished assemblies.
- All reports, plans, specifications, computer files, field notes, etc. shall be submitted to the architect and the engineer.

Owner:
The Housing Authority of the City of
Pittsburgh
412 Boulevard of the Allies
Pittsburgh, Pennsylvania, 15219

Project Location:
Renovation of 10 Scattered Sites
1318 Orangewood Avenue
Pittsburgh, Pennsylvania 15216

drawing title
Basement, First Floor, Second Floor, Renovation Plan Legend, Floor Plan Legend, Keynotes

scale As Noted	date August 20th, 2024		Sheet No. A3	Project #2326
	no. 3	of 9		

Pittsburgh, Pennsylvania 15216

1st Floor	624 sqft
2nd Floor	624 sqft

Project #2326

TRELONA WAY

CHELTON AVE



1 SITE PLAN
SCALE 3/16" = 1'-0"

SITE PLAN LEGEND									
	GWSB		MISC BRICK		AC CONCRETE		RAILING		TRUE ROOF OUTLINE
	LIGHTWEIGHT CONCRETE		MACHEDRAMA		TREE		TACTILE PAVING		APPROX. PROPERTY LINE
	CONCRETE BLOCK		STREET SIGNAGE		MAN HOLE		WINDOW WELL		

10. Scaffolding and Shoring (GC): At this location, remove scaffolding and shoring. Provide new scaffolding and shoring as required for construction. See Specifications.

11. Scaffolding and Shoring (GC): At this location, remove scaffolding and shoring. Provide new scaffolding and shoring as required for construction. See Specifications.

12. Scaffolding and Shoring (GC): At this location, remove scaffolding and shoring. Provide new scaffolding and shoring as required for construction. See Specifications.

13. Scaffolding and Shoring (GC): At this location, remove scaffolding and shoring. Provide new scaffolding and shoring as required for construction. See Specifications.

14. Scaffolding and Shoring (GC): At this location, remove scaffolding and shoring. Provide new scaffolding and shoring as required for construction. See Specifications.

15. Scaffolding and Shoring (GC): At this location, remove scaffolding and shoring. Provide new scaffolding and shoring as required for construction. See Specifications.

16. Scaffolding and Shoring (GC): At this location, remove scaffolding and shoring. Provide new scaffolding and shoring as required for construction. See Specifications.

17. Scaffolding and Shoring (GC): At this location, remove scaffolding and shoring. Provide new scaffolding and shoring as required for construction. See Specifications.

18. Scaffolding and Shoring (GC): At this location, remove scaffolding and shoring. Provide new scaffolding and shoring as required for construction. See Specifications.

19. Scaffolding and Shoring (GC): At this location, remove scaffolding and shoring. Provide new scaffolding and shoring as required for construction. See Specifications.

20. Scaffolding and Shoring (GC): At this location, remove scaffolding and shoring. Provide new scaffolding and shoring as required for construction. See Specifications.

21. Scaffolding and Shoring (GC): At this location, remove scaffolding and shoring. Provide new scaffolding and shoring as required for construction. See Specifications.

22. Scaffolding and Shoring (GC): At this location, remove scaffolding and shoring. Provide new scaffolding and shoring as required for construction. See Specifications.

23. Scaffolding and Shoring (GC): At this location, remove scaffolding and shoring. Provide new scaffolding and shoring as required for construction. See Specifications.

Garage

14. ELECTRICAL PANEL (E): Replace existing electrical panel with new 100 AMP panel with new arc fault type circuit breakers. Balance loads, mark all circuits and provide new panel schedule. See Specifications.

15. GARAGE TO INTERIOR DOOR (GC): Remove existing door and frame between garage and residence. Provide new min. 1-3/8" thick, 20 minute rated insulated metal door. Paint to match existing. See Specifications.

16. GARAGE ENVELOPE (GC): At this location, where sidewalk penetrates garage envelope, expose ductwork, warm seal joints and wrap duct in 1" rigid insulation. Provide finished 5/8" type "X" GWSB finish to fully enclose duct tight to ceiling and walls with all edge and corner joints sealed. See Specifications.

17. GARAGE DOOR (GC): Provide new surface mounted electrical duplex outlet proximal to garage door to supply power to garage door. See Specifications.

18. WATER HEATER (P): Water heater is 9 years old, provide service and check operation. See Specifications.

19. BASEMENT FLOOR (GC): Paint concrete floor. See Specifications.

20. BASEMENT FLOOR (GC): Remove existing basement floor block window and patch opening with rigid insulation and self-consolidating concrete. See Specifications.

21. BASEMENT TO OUTSIDE DOOR (GC): Remove existing basement to exterior door, frame and threshold, provide new 1-3/4" insulated metal door, door threshold and all door hardware. Provide new finish and trim with new synthetic wood trim, installed to suit. See Specifications.

22. BASEMENT LIGHTING (E): Provide new replacement ceiling lighting and new smoke/CO sensors. Add three new lighting locations. Locations to be determined. See Specifications.

23. PROVIDE NEW RIVER CLOTHES consisting of painted 2"-synwood, backing to preserve 1" noising dimension at tread. Provide new vinyl non-slip tread covers at each tread. See Specifications.

24. FINISHES (P): Remove manufacture date apparent to be October of 2019, make the light turn on 5 years old. Service equipment. Provide new steam exhaust at all sinks supply and return air duct joints. See Specifications.

25. LAUNDRY (P): Provide new laundry sink and faucet and washing machine drain kit. See Specifications.

Basement

6. EXTERIOR CONCRETE WALKWAY (GC): At this location, remove section of concrete walkway, well connected gravel fill to level adjacent. Provide new concrete walkway, steps section, down into existing and adjacent block wall. Caulk joint between wall and new walkway to seal. Provide new galvanized metal railing to match existing. See Specifications.

7. BRICK WINDOWS (GC): Repair windows at this location. See Specifications.

8. BRICK WALL (GC): Clean and repair brick in area and in quantity indicated. See Specifications.

9. SCRAPERS (GC): Scrape or sand blast clean all existing steel lintels, register and caulk per Specifications.

10. WINDOWS (GC): Remove existing exterior caulk and re-caulk at all windows per Specifications.

11. ROOFING (GC): Remove existing asphalt (approx. 700 sq ft), flashing, roof edge, roof pipe boots flashing, gutters, etc. re-roof using new materials per Specifications. In this location provide leaf guard gutters on new gutters.

12. EXISTING ROOFING (GC): Remove existing asphalt (approx. 700 sq ft), flashing, roof edge, roof pipe boots flashing, gutters, etc. re-roof using new materials per Specifications. In this location provide leaf guard gutters on new gutters.

13. EXISTING ROOFING (GC): Remove existing asphalt (approx. 700 sq ft), flashing, roof edge, roof pipe boots flashing, gutters, etc. re-roof using new materials per Specifications. In this location provide leaf guard gutters on new gutters.

14. EXISTING ROOFING (GC): Remove existing asphalt (approx. 700 sq ft), flashing, roof edge, roof pipe boots flashing, gutters, etc. re-roof using new materials per Specifications. In this location provide leaf guard gutters on new gutters.

First Floor

26. WALL FINISH (GC): At wall around front window. Remove existing plaster, insulation, and provide new wood stud splices, insulation, vapor barrier, and finished GWSB. Sand, prepare and finish. See Specifications.

27. KITCHEN TO OUTSIDE DOOR (GC): Provide new replacement door stops and door edge and bottom seals, as well as new thermally broken door threshold. Provide new Storm Door with chain letter and clipper. Paint frame to finish and trim with new synthetic wood trim, re-caulk. See Specifications.

28. THROUGH WALL KITCHEN EXHAUST FAN (H): Remove existing through wall kitchen exhaust fan and non-venting hood. Provide new kitchen vent type hood vented to exterior with damper. Seal old exhaust fan penetration in exterior wall using similar materials and details to match existing layout. Provide new above cabinet and new kitchen counter, upper and lower cabinets to match existing layout. Provide new above cabinet and new kitchen counter, upper and lower cabinets to match existing layout. Provide new refrigerator, kitchen sink, faucet/drain assembly. See Specifications.

29. KITCHEN CABINETS (GC/E/H/P): Remove and provide new kitchen counter, upper and lower cabinets to match existing layout. Provide new above cabinet and new kitchen counter, upper and lower cabinets to match existing layout. Provide new refrigerator, kitchen sink, faucet/drain assembly. See Specifications.

30. GFI OUTLET (E): Provide new GFI outlet above stove. See Specifications.

31. KITCHEN CEILING (GC/E): Remove existing kitchen finish ceiling and lighting (approx. 130 sq ft). Provide new finish and trim with new synthetic wood trim, installed to suit. See Specifications.

32. MAIN SENTRY (GC): Remove and replace main stair vinyl treads covers. Provide new vinyl tread and rise covers. Typ. 11 treads and 12 risers a 3'-0" wide (VP). See Specifications.

33. PREP AND FINISH (GC): Prepare and provide new vinyl floor finish and wall base. See Specifications.

34. THERMOSTAT (P): Replace thermostat with a programmable thermostat. See Specifications.

Second Floor / Attic

35. FLOOR FINISH (GC): Remove existing VCT floor finish throughout second floor including the bathroom (approx. 540 sq ft). Prep subfloor and provide new vinyl floor finish and wall base. See Specifications.

36. ATTIC ACCESS DOOR (GC): At this location, provide new insulated hinged attic access door in existing opening. See Specifications.

37. ATTIC INSULATION (GC): Provide new min R-38 blown in Attic Insulation (approx. 540 sq ft). Provide new finish and trim with new synthetic wood trim, installed to suit. See Specifications.

38. BATHROOM (GC/P): In second floor bathroom, remove and replace existing existing tub/shower surround, medicine cabinet, tub/shower faucet and drain, sink faucet and drain, and toilet. Provide new surround and shower curtain. Repair rotten wood subfloor (approx. 50 sq ft). Provide new bathroom exhaust fan wired to light circuit and vented to the exterior. Provide new towel bars, toilet brush, grab bar and toilet rod holder. See Specifications.

General

1. UNDERGROUND SEWER LINES (P): Camera and clear sanitary sewer line from lowest level to main, including all roof drains to 6 in or daylight.

2. DUCTWORK (H): Engage professional ductwork cleaning company to clean whole house ductwork system. Provide new ductwork as required for construction. See Specifications.

3. DUCTWORK (H): Engage professional ductwork cleaning company to clean whole house ductwork system. Provide new ductwork as required for construction. See Specifications.

4. MISCELLANEOUS WALL (GC): Remove all existing drywall. See Specifications.

5. INTERIOR WALLS, CEILING, DOORS AND TRIM (GC): Repair holes and gouges ready for paint. Painted door, trim, casing, and wall base to be painted with a semi-gloss finish. All existing walls and ceilings to be painted with an eggshell finish. See Specifications.

6. EXTERIOR CONCRETE WALKWAY (GC): At this location, remove section of concrete walkway, well connected gravel fill to level adjacent. Provide new concrete walkway, steps section, down into existing and adjacent block wall. Caulk joint between wall and new walkway to seal. Provide new galvanized metal railing to match existing. See Specifications.

7. BRICK WINDOWS (GC): Repair windows at this location. See Specifications.

8. BRICK WALL (GC): Clean and repair brick in area and in quantity indicated. See Specifications.

9. SCRAPERS (GC): Scrape or sand blast clean all existing steel lintels, register and caulk per Specifications.

10. WINDOWS (GC): Remove existing exterior caulk and re-caulk at all windows per Specifications.

11. ROOFING (GC): Remove existing asphalt (approx. 700 sq ft), flashing, roof edge, roof pipe boots flashing, gutters, etc. re-roof using new materials per Specifications. In this location provide leaf guard gutters on new gutters.

12. EXISTING ROOFING (GC): Remove existing asphalt (approx. 700 sq ft), flashing, roof edge, roof pipe boots flashing, gutters, etc. re-roof using new materials per Specifications. In this location provide leaf guard gutters on new gutters.

13. EXISTING ROOFING (GC): Remove existing asphalt (approx. 700 sq ft), flashing, roof edge, roof pipe boots flashing, gutters, etc. re-roof using new materials per Specifications. In this location provide leaf guard gutters on new gutters.

general notes

1. All dimensions are to face unless otherwise noted.
2. Contractor shall verify all dimensions and existing conditions before beginning work. If any discrepancy between dimensions is identified, the contractor shall notify the architect immediately in writing. The architect shall respond within 10 business days of notification. The architect shall not be responsible for any errors or omissions in the drawings or specifications.
3. All materials shall be of the highest quality and shall be installed in accordance with applicable code and regulations.
4. Contractor shall be responsible for the protection of existing structures and utilities. All work shall be completed within the specified time frame. The architect shall not be responsible for any delays or cost overruns caused by the contractor.
5. All materials shall be of the highest quality and shall be installed in accordance with applicable code and regulations.
6. The architect shall not be responsible for any errors or omissions in the drawings or specifications.

CONSTRUCTION DOCUMENTATION

revisions

Owner:

The Housing Authority of the City of Pittsburgh
412 Boulevard of the Allies
Pittsburgh, Pennsylvania 15219

Project Location:

Renovation of 10 Scattered Sites
1541 Chelton Avenue
Pittsburgh, Pennsylvania 15216

Site Plan, Site Plan Legend, Keynotes

Scale	As Noted	Sheet No.
date	August 20th, 2024	A2
no.	2	8
		Project #2326

GC: General Contract; E: Electrical Contract; P: Plumbing Contract; M: Mechanical Contract
Portions of the work must be coordinated with the Hazardous materials report provided by PSL. GC
to follow recommendations for abatement specified in the report if not already performed.

1. UNDERGROUND SEWER LINES (P): Camera and clear sanitary sewer line from lowest level to main, including all roof drains to tie in or daylight.

1. UNDERGROUND SEWER LINES PP Camera and clear sanitary sewer line from lowest to main, including all roof drains to be in or daylight.
2. DUCTWORK (W): Engage professional ductwork cleaning company to clean whole house ductwork, including grilles and diffusers. Replace any rusted or damaged ductwork. Clean grilles of grilles and diffusers per address should be noted. (not number) to be repaired based on condition. (not number) to be replaced based on condition. (not number) to be replaced based on condition. (not number) to be replaced based on condition.
3. SHOCK (C) DETECTORS (E): In entire house, provide new Shock/CO Detectors. See Specifications for types and locations.
4. MISCELLANEOUS WALL (C): Remove all existing drapery rods. See Specifications.
5. AT WINDOW WALLS, CEILING, DOORS AND TRIM (C): Repair holes and gouges ready for (C) Painted doors, casing, and wall base to be painted with a semi-gloss finish. All existing walls and ceilings to be painted with an eggshell finish. See Specification.

6. **EXTERIOR CONCRETE WALKWAY (GC):** At this location remove section of concrete walkway steps and railing that has subsided and cracked (Approx. 90 sf with 15 steps). Provide new

- [illegible]

14. **ELECTRICAL PANEL (E):** Replace existing archaic electric panel with new 100 AMP panel with new arc fault type circuit breakers. Balance loads, mark all circuits and provide new panel legend typed or neatly and legibly hand written. Additionally provide proper electrical

15. **GARAGE TO INTERIOR DOOR:** Remove existing door and frame between garage and residence. Provide new min. 1 3/8" thick, 20 minute rated insulated metal door. Paint finish with new preheated and all door hardware. See specifications.
16. **GARAGE ENVELOPE (GC):** At this location, where ductwork penetrates garage envelope exterior, steam seal joints and wrap duct in 1" rigid insulation. Provide finished 5/8" type "X" GWS finish to fully enclose duct tight to ceiling and wall with all edge and corner beads. Treat, sparkle, sand and paint new GWSB to finish (approx. 230 sf). See Specifications for details.
17. **GARAGE DOOR (GC):** Provide new surface mounted electrical duplex outlet proximal to garage door to supply power to garage door.

18. WATER HEATER (P): Water heater is 9 years old, provide service and check operation. See Specifications.

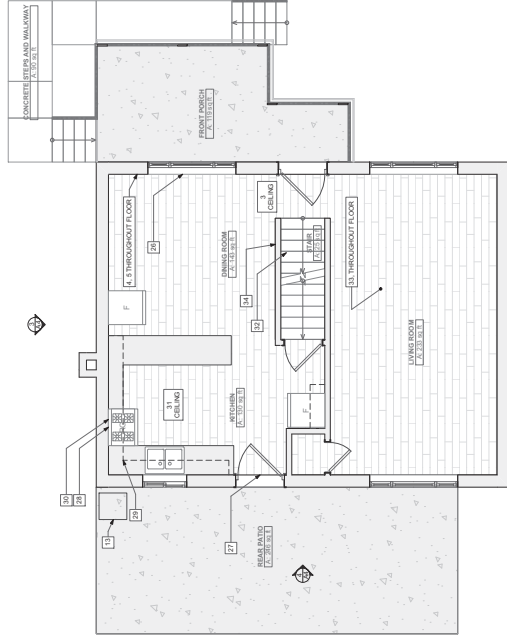
- [illegible]

2. CONTRACTOR TO FIELD VERIFY ANY AND ALL CONDITIONS & DIMENSIONS OF WORK AREAS BEFORE BEGINNING WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT.
3. THE FINISH FLOOR OF THIS PROJECT IS IDENTIFIED AT 10'-0" IN THIS SET OF DRAWINGS.
4. ALUMINUM WALL & CEILING CONSTRUCTION FINISH ON WITH EXISTING WALL CONSTRUCTION. FINISH NEW

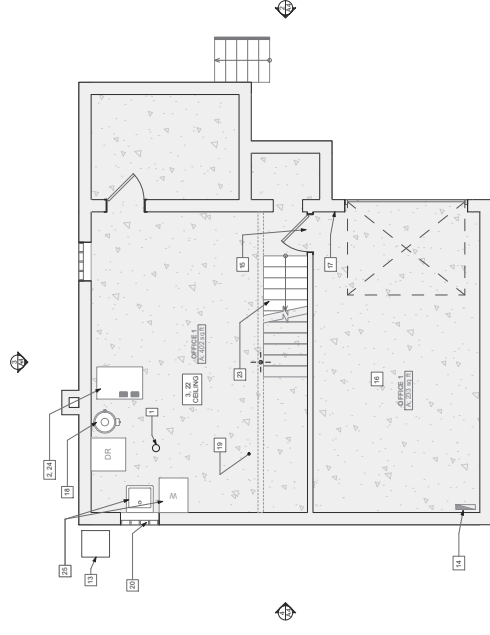
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35. **FLOOR FINISH (GC):** Remove existing VCT floor finish throughout second floor including the bathroom (approx. 540 sf. Prep subfloor and provide new LVT floor finish and wall base. See

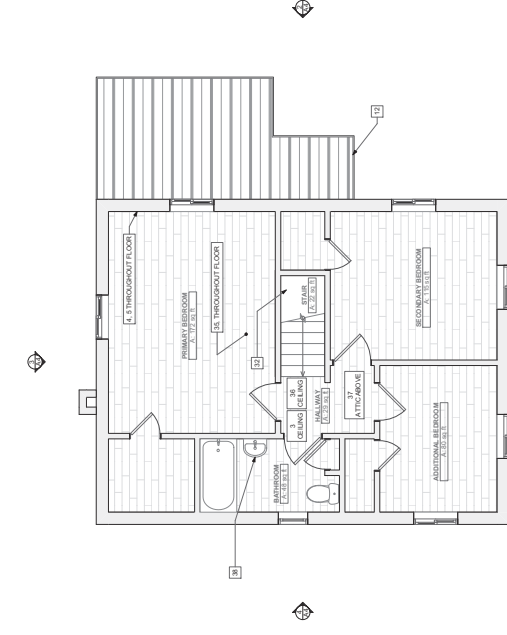
36. **ATTIC ACCESS DOOR (OC):** At this location, provide new insulated hinged attic access door in existing opening. (OC) Provide new mfr. R-38 blown in ATTIC insulation (approx. 140 lb.).
37. **VERIFIED WITH DEPTH INDICATOR:** Verify data not to cover air circulation channels. See Specifications.
38. **BATHROOM (OC/P):** In second floor bathroom, remove and replace existing tub/shower surround, medicine cabinet, tub/shower faucet and drain, sink faucet and drain, and toilet. Remove existing floor and install new floor. Provide new toilet and toilet paper holder. Bathroom exhaust fan must be light colored and vented to the exterior. Provide new towel bars. Exhaust hook, Grabbar and toilet roll holder. See Specifications.



2 First Floor
SCALE: 1/4" = 1'-0"



1 Basement
SCALE: 1/4" = 1'-0"



3 Second Floor
SCALE: 1/4" = 1'-0"

CONSTRUCTION DOCUMENTATION

L Any conflicts in the drawings or between new and existing construction shall be referred to the Architect.

1. Any discrepancies between, additions to, deletions from, or alterations to all conditions prior to work with any plans or work. The work shall be done in accordance with the approved drawings.
2. All work shall be installed in accordance with applicable codes and regulations.
3. Contractor shall be responsible for the obtaining of permits and preparation of all existing floor, walls, etc. as required to receive installed finished ceiling system. Contractor shall provide and install all materials. All items shown on drawings are finished conditions as installed. Contractor shall provide minimum required for finished ceiling system. Contractor shall provide the following:
 - a. All materials, plans, specifications, and drawings.
 - b. All labor and materials to be installed and prepared by the Architect in instruments of service shall remain the property of the Architect. The Architect shall retain all common law, statutory, and other necessary rights.

revisions

Owner:
The Housing Authority of the City of
Pittsburgh
412 Boulevard of the Allies
Pittsburgh, Pennsylvania, 15219

Renovation of 10 Scattered Sites
1541 Chelton Avenue
Pittsburgh, Pennsylvania 15216

Basement, Second Floor, First Floor,
Renovation Plan Legend, Floor Plan
Legend, Keynotes

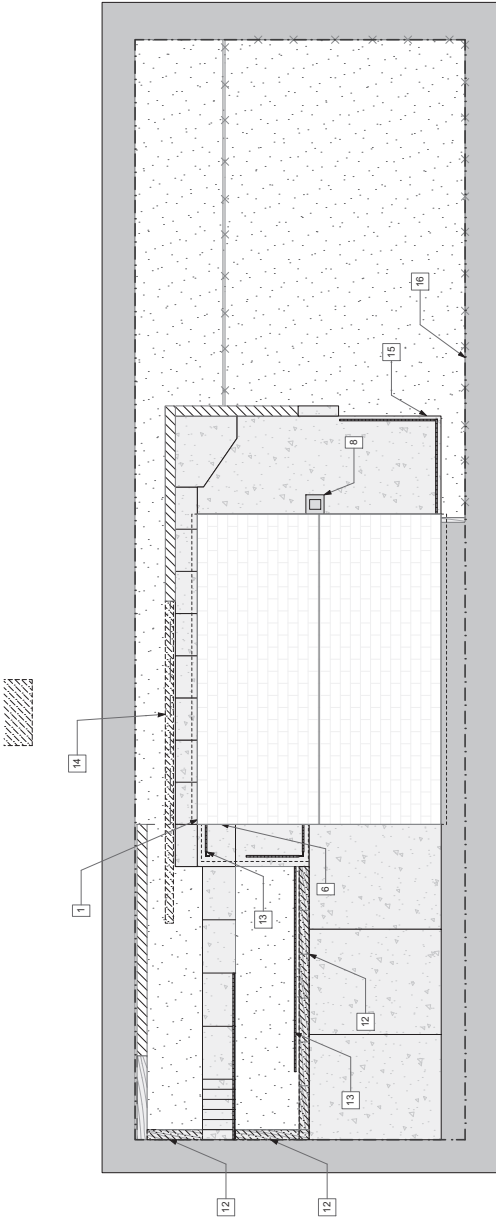
scale As Noted	3 8	
date August 20th, 2024		

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Pittsburgh, Pennsylvania 15216

1st Floor	625 sqft
2nd Floor	625 sqft

scale As Noted	Sheet No.	
date August 20th, 2024	A1	
no. 1	of 9	Project #2326



1 Site Plan
SCALE: 3/16" = 1'-0"

SITE PLAN LEGEND

- GRASS
- LIGHTWEIGHT CONCRETE
- MISC BRCK
- ASPHALT BRICK
- AC CONDENSER
- FIRE TRU
- MALCHED AREA
- RAILING
- TACTILE PAVING
- MAN HOLE
- STREET SIGNAGE
- CONCRETE BLOCK
- WINGSWELL

----- TRUE ROOF OUTLINE
- - - - - APPROXIMATE LINE

10 Scattered Sites Keynotes – 1630 Dagmar Ave.

GGC: General Contract; E: Electrical Contract; P: Plumbing Contract; M: Mechanical Contract

General

1. UNDERGROUND SEWER LINES (P) Camera and/or sanitary sewer line from lowest level to main, including if roof drains tie in prior daylight.
2. DUCTWORK (M) Engage professional ductwork cleaning company to clean whole house ductwork system. If engine professionals cannot find leaks or suggest repairs, hire local HVAC contractor to inspect and seal all ductwork. Seal entire house to prevent air leakage based on the Insulated as set at 10 cfm. Additionally, seal wall at exposed duct points to limit air leakage. Install and seal ductwork in unconditioned spaces, e.g., garages (see additional section on radon mitigation).
3. DUCTWORK (R) In wetter house, provide new SmokeCO Detectors. See recommendations for radon detectors.
4. MISCELLANEOUS WALL (G) Remove all existing drywall. See Specifications.
5. INTERIOR WALLS, CEILINGS, DOORS AND TRIM (Q) Repair holes and gouges ready for paint. Prep and paint all walls, ceilings, wall base, painted doors, and painted trim finish. At existing windows, repair and paint wood sash with urethane finish. See Specifications.

Exterior

- [illegible]

Interior Garage

19. **GARAGE ENVELOPE (GC):** At this location, where ductwork penetrates garage envelope, seal all openings and wrap duct in "T" rigid insulation. Provide finished 5/8" type "X" GWS finish to fully enclose duct from ceiling to ceiling and wall with all edge and corner beads, type, splice, sand, and paintnew GWS to match. See Specifications.
20. **SOIL STACK (PS):** Remove and replace cast iron stack at this location with new cast iron. Seal all connections to existing sanitary sewer system and clean-out at base. See Specifications.
21. **CONCRETE EDGE SEAL (OC):** At floor joint between garage slab and driveway, clean out joint, remove old sealant, and install new sealant. Seal new sealant to seal non-structural crack at base of garage wall. GC, At this location, provide new sealant to seal non-structural crack at base of garage wall, approximately 1/8" in length.

Interior Basement

- [illegible]

Interior First Floor

31. KITCHEN KNEE WALL (GC/M): Repair existing knee wall. Provide new white grille/register newly installed.

15. **WATERPROOFING (GC):** Pull back soil from porch. Repoint and prep block wall to receive new foundation waterproofing (approx. 50 sf). Provide waterproofing and restore soil to slope away from structure. See specifications.
16. **FLORA (GC):** Pull overgrown vegetation and debris away from wooden fence to create break between decaying material, soil and fence boards.

- For G range**
- 1. GAUGE ENVELOPE (GE):** At this location, where detector penetrates gauge envelope, use "X" GWR finish to fully enclose duct. If duct is called out with wall at edge and corner, base, top, inside, and end, paint new GWR to finish. See Specifications.
- 18. GARAGE CEILING (CE):** Provide new light over garage door.
- 19. SOLID STACK (PS):** Remove and replace cast iron soil stack at this location with new cast iron with all connections to existing sanitary sewer system and clean-out at base. See Specifications.
- 20. CONCRETE DECK (SDA):** At floor between garage and driveway, clear on joint, remove concrete deck and replace with new cast in place concrete. See Specifications.
- 21. SEAN GARAGEWALL (GW):** At this location, provide new caulk to seal non-structural crack at corner of garage wall, approximately 1/2" in length.

39. ATTIC ACCESS

40. ATTIC INSULATION (GCI): Provide new min R-38 blown in Attic Insulation (approx. 450 cu ft).
41. BATHROOM (GCE/R99): In second floor bathroom: Remove and replace entirely existing tub tile surround, medicine cabinet, tub/shower faucet and drain, sink faucet and drain, and toilet. Provide new red and shower curtain. Provide new bathroom exhaust fan wired to light circuit and ventilated to the exterior. Provide new towel bars. Robe Hook, Gab bar and toilet roll holder. See Specifications.

Project Location:

Renovation of 10 Scattered Sites
1630 Dagmar Avenue
Pittsburgh, Pennsylvania 15216

drawing title

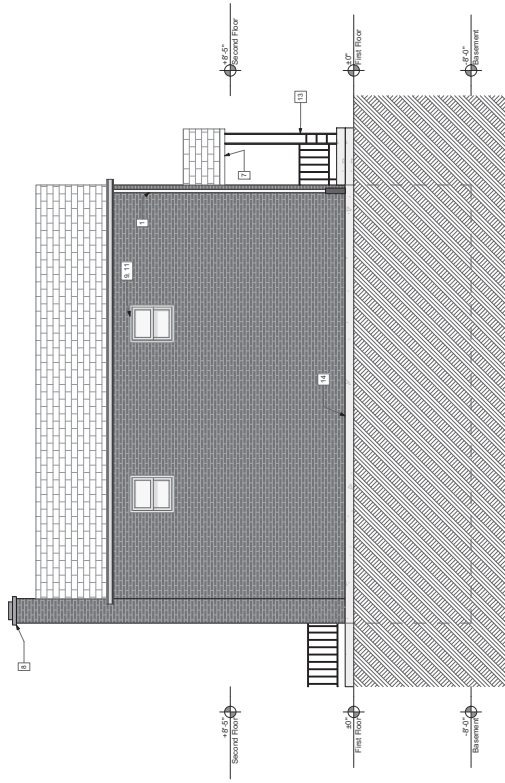
Site Plan, Site Plan Legend, Keynotes

Sheet No.

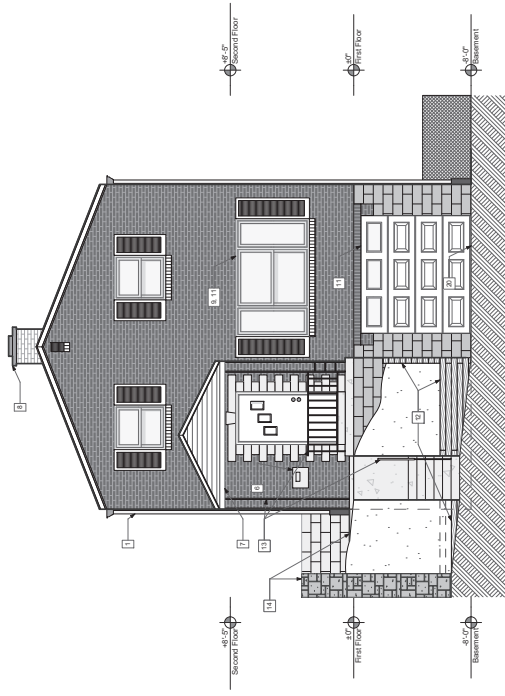
August 20th, 2024

2

Project #2326



1 North Elevation
SCALE: 1/4" = 1'-0"



2 West Elevation
SCALE: 1/4" = 1'-0"

10 Scattered Sites Keynotes – 1630 Dagmar Ave.

GC: General Contract; E: Electrical Contract; P: Plumbing Contract; M: Mechanical Contract
Portions of the work must be coordinated with the Hazardous materials report provided by PSI. GC
to follow recommendations for abatement specified in the report if not already performed.

General

1. UNDERGROUND SEWER LINES (P): Camera and cast sanitary sewer line from lowest level to main, including all roof drains to it in one daylight.
2. DUCTWORK (M): Engage professional ductwork cleaning company to clean whole house ductwork. Engage professional dryer vent cleaning company to clean dryer vent. All ductwork and dryer vent openings should be sealed. Ducts should be inspected based on the use of the installed seal all duct kit. Additionally, seal seal at exposed ducts to limit air leakage. Insulate and seal all ductwork in unconditioned spaces, e.g. attics (see additional ductwork note at garage)
3. DUCTWORK (M): In winter hours, provide new SmideCO Ductless. See Specifications for type and location.
4. MISCELLANEOUS WALL (CE): Remove all existing drywall. See Specifications.
5. AT INTERIORS WALLS, CEILINGS, DOORS AND TRIM (CE): Repair holes and gashes (re)/for trim and paint at walls, ceilings, wall base, painted doors, and painted trim finish. At existing wall and ceilings to be walls and painted finish. See Specifications for finish.

Exterior

6. NEW VALANCE (CQ): Provide and install new valance, per Specifications.
7. EXISTING INTERIOR CANOPY (CQ): Clean and repair, per Specifications.
8. EXISTING ALUMINUM SILL (CQ): Repair and repaint aluminum sill, per Specifications.
9. CHIMNEY TOP (CQ): Remove existing cracked mortar chimney cap. Provide new sloped flashing built into mortar joints. Grout to seal. See Specifications.
10. ROOF (CQ): Repair and replace missing bricks on front window sills. See Specifications.
11. BRICK WALLS (CQ): Power wash brick wall to clean (approx. 20 sq ft).
12. BRICK WALLS (CQ): Stain and paint entire stone garage and all windows.
13. BRICK WALLS (CQ): Stain and paint entire stone garage and all windows with new color. (See Specifications for color.)
14. GARAGE DOOR (CQ): Provide garage door and weeps. Remove yellow jackets (nest) (approx. 1 ft x 2 ft high). Provide garage door and weeps. Remove yellow jackets (nest) within existing wood work. See Specifications.
15. EXISTING VALANCE (CQ): Stain, clean and repaint existing metal railing. Paint in concrete color. See Specifications.
16. SIDE WALKWAY (CQ): On this location remove disintegrated stone railing from walkway. At this end of existing retaining wall, for approximately 12 ft, remove and restain existing concrete retaining wall. At other end of existing retaining wall, restain existing wall for approximately 20 ft towards the street. Continue 4-course dry stack retaining wall for approximately 20 ft towards the street.

Interior First Floor

31. KITCHEN KNEE WALL (GC/M): Repair existing knee wall. Provide new white grille/register non-entrained.

Interior Garage

17. GARAGE ENVELOPE (OE): At this point, where ductwork penetrates garage envelope, expose ductwork, seal around joints and wrap duct in 1" rigid insulation. Provide finished 5/8" x 5/8" GWB finish to fully enclose duct leading to ceiling and wall with all edge and corner beads. Then, splice, sand, and paint new GWB to finish. See Specifications.
18. GARAGE ENVELOPE (OI): At this point, where ductwork penetrates garage envelope, expose ductwork, seal around joints and wrap duct in 1" rigid insulation. Provide finished 5/8" x 5/8" GWB finish to fully enclose duct leading to ceiling and wall with all edge and corner beads. Then, splice, sand, and paint new GWB to finish. See Specifications.
19. SQL STACK (P): Remove and replace cast iron soil stack at this location with new cast iron stack with all connections and replace sanitary sewer system and clean-out at this location. See Specifications.
20. CONCRETE DECK (OC): A floor joint between garage slab and driveway, clean out joint.
21. SEAL GARAGE WALL (OI): At this location, provide new rebar to seal non-structural crack at joint of garage wall, approximately 8' in length.

Interior Basements

- [illegible]

Interior First Floor

31. KITCHEN KNEE WALL (GC/M): Repair existing knee wall. Provide new white grille/register non-entrained.

Owner:

The Housing Authority of the City of
Pittsburgh
412 Boulevard of the Allies
Pittsburgh, Pennsylvania, 15219

Project Location:

Renovation of 10 Scattered Sites
1630 Dagmar Avenue
Pittsburgh, Pennsylvania 15216

North Elevation, West Elevation,
Ceynofes

scale As Noted	Sheet No. A5	
date August 20th, 2024	Project #2326	
no. 5	of 9	



SITE PLAN LEGEND

	CONCRETE BLOCK		STREET SIGNAGE		MAN HOLE
	LIGHTWEIGHT CONCRETE		TIE / STRIP		TACTILE PAVING
	ON-SITE		MISC. BLOCK		AC CONDENSER
					FALLING

----- TRUE ROOF OUTLINE
 - - - - - APPROX. PROPERTY LINE
 () WINDOW WELL

[illegible]

Contractor shall be responsible for the patching, repairing, and preservation of all existing floor wall, and

All items shown on drawings are finished construction assemblies. Contractor shall provide and install all materials required for finished assemblies.

All reports, plans, specifications, computer files, field data, notes, and other documents and instruments prepared by the Architect as instruments of service shall remain the property of the Architect. The Architect shall retain all common law statutory, and other reserved rights, including the copyright thereto.

revisions

Owner:
The Housing Authority of the City of
Pittsburgh
412 Boulevard of the Allies
Pittsburgh, Pennsylvania, 15219

Project Location:
Renovation of 10 Scattered Sites
2337 Wolford Street
Pittsburgh, Pennsylvania 15216

Site Plan. Site Plan Legend. Keynotes



seal

L Any conflicts in the drawings or between new information and the drawings.

1. existing construction shall be referred to the Architect.
2. Architect shall verify all dimensions and existing conditions in the field and shall advise Architect. Architect shall be responsible for the design and construction of new work, or alterations to and all conditions prior to proceeding with any phase of work. Do not start work until all conditions are met.
3. All work shall be installed in accordance with applicable codes and regulations.
4. Contractor shall be responsible for the purchasing, transporting and preparation of all existing floor, walls, ceiling finishes required to receive additional finishes. All items shown on drawings are to be removed and replaced with new materials and finishes. Contractor must provide for finished assemblies.
5. All reports, plans, specifications, computer files, drawings, etc. shall be submitted to the Architect for review and approval. The Architect shall be responsible for the design and construction of new work, or alterations to and all conditions prior to proceeding with any phase of work. Do not start work until all conditions are met.
6. All common law, statutory, and other sources of law shall be applied to the project.

revisions

GC: General Contract; E: Electrical Contract; P: Plumbing Contract; M: Mechanical Contract

1. UNDERGROUND SEWER LINES (P): Camera and clear sanitary sewer line from lowest level to main, including all roof drains to tie in or daylight.

2. **DUCTWORK:** Engage professional duct cleaning company to clean all house ductwork, including grilles and diffusers. Replace any rusted grilles or diffusers (allowance for 6 grilles and 6 diffusers per address should be added, but number to be adjusted based on the total used at all 10 sites). Additionally, seal seams at all exposed duct joints to limit air leakage.
3. **SMOKE/CO DETECTORS:** In entire houses, provide new Smoke/CO Detectors. See Specifications for type and locations.
4. **MISC. INTERIORS WALL CO:** Remove all existing drip/leak. See Specifications.
5. **ATTENOR WALLS, CEILINGS, DORMS AND TRIM (CD):** Repair holes and gouges ready for paint and paint all walls with white primer, base paint, and primer. Painted trim including baseboards, doors, windows, and trim with white primer, base paint, and primer. Painting and ceiling to be painted with an eggshell finish. See Specifications for details.

6. **EXTERIOR TIMBER RETAINING WALL (GC):** At this location existing Pressure Treated Timber retaining wall is failing. Completely remove the existing wall and replace with new segmented

- [illegible]

- Figure 7.**

18. CLEAN OUT (P): Clean out miscellaneous shelves and properly dispose of. See

- [illegible]

25. WATER HEATER (P): Water Heater appears to be manufactured dated April of 2019 and does not show signs of failure. Service.

- [illegible]

32. BASEMENT EXTERIOR STAIR (GC): Sand and paint

33. BASEMENT ACCESS STAIR (GC): At stair to Basement, re-attach existing handrail to secure.

- new wiring system. See Specifications.
36. **WIRING SYSTEM** (NFI) Remove existing wiring system from wall and ceiling. Install new wiring system with new wire type and size as specified. See Specifications.
37. **ELECTRICAL PANEL** (NFI) Replace existing circuit electric panel with new 100 AMP panel with new air fault type circuit breakers. Balance loads. Split all circuits and provide neutral conductors for each circuit. Provide ground bus bar. Provide proper bonding and grounding of the electrical system. See Specifications.
38. **FURNACE** (NFI) Furnace manufacturer date prior to October of 1993, make the furnace 31 year old. Replace furnace. See Specifications.
39. **WATER HEATING SYSTEM** (NFI) Replace water heater with gas venting electrical wires back to nearest junction box, source or panel.
- 2nd Floor**
37. **WALL FINISH** (NFI) Remove existing wall covering, certain tiles, mirror, etc. or finish on the wall. Finish with new paint. Sand, prepare and prime wall surface. See Finish Schedule.
38. **DINING ROOM CEILING** (NFI) Remove and replace lighting fixture with new.
39. **DINING ROOM FLOOR** (NFI) Remove and replace carpeting on full wall with new. Remove phone base.
40. **DINING ROOM WINDOW** (OFC) Rectify missing window cabinet with new.
41. **KITCHEN CABINETS** (OFC) Clean, sand, existing kitchen cabinets with enamel.
42. **KITCHEN COUNTER TOPS** (NFI) Replace existing kitchen counter tops with granite.
43. **GROUPEE** (NFI) Provide new GF Outlet above fireplace. See Specifications.
44. **KITCHEN FLOORING** (NFI) Remove existing kitchen finish ceiling and lighting. Repair ceiling painting job above. Provide new finished and painted OVB ceiling. (20 ft x 10 ft)
45. **KITCHEN FLOORING** (NFI) Remove and replace existing kitchen floor with tile flooring (16 ft x 16 ft) installed with new waterproof LVT flooring and 4" rubber base. See Specifications.
46. **BROWSE RESIDENT BATH WALL COVERING** (OFC) Remove wall finishes on this walk. Paint and skim coat with vinyl new wall board. See Specifications.
47. **HALL SKIM COAT** (NFI) Skim coat hall walls with vinyl new wall board. See Specifications.
48. **HALL SKIM COAT** (NFI) Remove and replace main stair carpet at stairs and landings.
49. **REAR PORCH FLOORING** (NFI) Remove and replace rear porch deck with new Dugout Room flooring. 120 sq. ft. trap traps and thresholds. Provide new LVT floors over existing hardwood floors. See Specification.
49. **THROUGH WALL KITCHEN EXHAUST FAN** Remove existing through wall kitchen exhaust fan. Seal off exhaust fan penetration in exterior wall using similar material and details to match surrounding wall finish. (OFC) Provide new wall behind stove. See specifications.
50. **FRONT PORCH FLOORING** (NFI) Remove and replace front porch deck with new Dugout Room flooring. 120 sq. ft. trap traps and thresholds. Provide new LVT floors over existing hardwood floors. See Specification.

- SECOND FLOOR / ATTIC

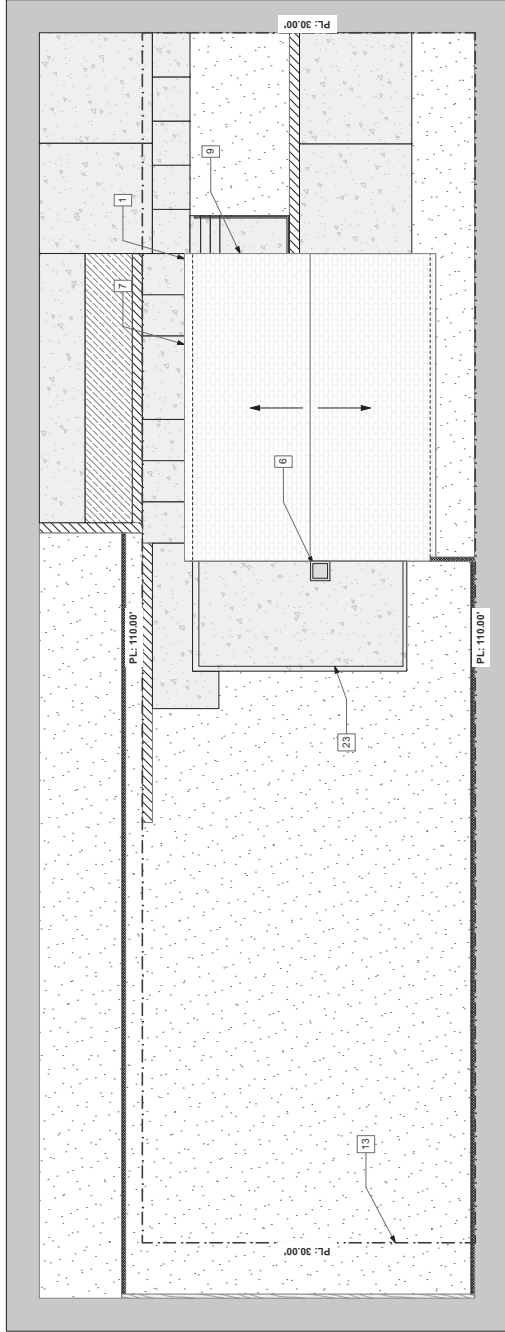
Patch, sand and paint wall finish to match. See Specifications.

- [illegible]

Renovation of 10 Scattered Sites
2337 Wolford Street
Pittsburgh, Pennsylvania 15216

drawing:

scale As Noted	date August 20th, 2024		Sheet No. A4	Project #2326
	no. 4	of. 9		



PLAN NORTH

1 Site Plan
SCALE: 3/16" = 1'-0"

SITE PLAN LEGEND

	ON-OFF		ASPH. BRICK		AC CONDENSER		RAILING		TRUE ROOF OUTLINE
	LIGHTWEIGHT CONCRETE		ALGAL-CEMENT		TREE / SHRUB		TACTILE PAVING		APPROX. PROPERTY LINE
	CONCRETE BLOCK		STREET SIGNAGE		STREET SIGNAGE		MAN HOLE		WINDOW WELL

CONSTRUCTION DOCUMENTATION

seal

revisions

general notes

1. Any conflict in the drawings or between new and old drawings shall be referred to the Architect.
2. Contractor shall verify all dimensions and existing conditions before starting work.
3. The Contractor shall be responsible for identifying and correcting any discrepancies between all dimensions on drawings, or as obtained to any and all conditions prior to work, or as obtained with any plan or set of drawings.
4. All work shall be installed in accordance with applicable codes and regulations.
5. Contractor shall be responsible for providing and installing all materials and equipment necessary to complete a project or to receive satisfactory finishes.
6. All items shown on drawings are finished construction unless otherwise noted.
7. Contractor shall be responsible for providing and install all material required for finished construction.
8. All notes, plans, specifications, computer files, field notes, reports, and other documents, and materials shall be submitted to the Architect for review and remain the property of the Architect. The Architect shall retain all common law, statutory, and reserved rights.

Interior First Floor

27. **KITCHEN BULBING/LIGHTING (E):** At existing bulbholder, remove fluorescent lighting fixture. Remove old bulb and wiring. Install new LED lighting and properly secure. At existing bulbholder replaced with track, provide new LED lighting and properly secure. Remove exhaust fan and patch ceiling. See Specifications.
 28. **KITCHEN CABINETS (CG):** Carefully inspect existing kitchen cabinet base and interior to determine if cabinets are in good condition to retain and amend against operation. Install new cabinet handles. See Specifications.
 29. **KITCHEN SINKS AND DRAUGHTS (P):** Provide new Kitchen sink faucet and drain.
 30. **KITCHEN FLOORING (CG):** kitchen: Remove and replace existing flooring and wall base. Provide new kitchen floor and wall base. Provide new 1/2" finish flooring and 1" cabinet base.
 31. **KITCHEN TO OUTSIDE DOOR (CG):** Paint frame to finish and trim with new vinylfin wood trim. m-cash to seal. See Specifications.
 32. **LYNCH HOOD (P):** Replace trashhood with programmable thermostat.
- ### Second Floor / Attic
33. **MAIN STAIRWAY (CG):** At main entryway, remove existing handrail, sand, stain and refinish handrail. Patch and prime existing and old mounting bolts. Re-batten handrail to studs to match existing. See Specifications.
 34. **BATHROOM (P):** Provide new exhaust fan to vent to light circuit and vent to the exterior.

Project Location:

drawing title

scale

As Noted

date

August 20th, 2024

no.

2

of.

9

Sheet No.

A2

Project #2326

13. REAR FENCE (GC): Replace approximately 30' of stockade fence along rear property line.

14. ATTIC GRILLE (M): Replace ventilation grille with new.
15. MAILBOX (GC): Provide new mailbox mounted to exterior wall.

Interior Garage

16. **ELECTRIC PANEL (E):** Replace existing electric panel with new 100 AMP panel with new air type circuit breakers. Remove back all circuits and provide electrical panel bonding point nearby and legally hard wired system. Additionally provide proper electrical grounding and labeling of the electrical system. See Specifications.
17. **GARAGE ENVELOPE (GE):** At this location, where exterior perimeter garage envelope and roofline are located, install 1/2" x 8" x 10' CWB finish nail siding to ceiling and walls with all edge and corner beads. Tape, spackle, sand and paint new CWB to finish. See Specifications.
18. **GARAGE DOOR TO HOUSE (GD):** Remove existing door and frame between garage and house. Install new double door and frame between garage and house. Paint to match existing color. See Specifications.

Interior Basement & Addition

- [illegible]

10 Scattered Sites Keynotes - 2344 Palm Beach Ave

GC: General Contract; E: Electrical Contract; P: Plumbing Contract; M: Mechanical Contract

General

- [illegible]

Exterior

6. CHAINING TOP (COT) Remove existing mastic cap and top section of vinyl cove trim. Provide new COT for interior section and new mastic cap. See Specifications.
7. BACKWARD ACCESS WALL (BAW) At site of walk to lockers, provide new backward roll door, approximately 60" x 60". See Specifications.
8. FLOORING (F) Remove existing floor and install new 1/2" thick, flame and hydrocarbon resistant, 18 mil reinforced wood bergamot floor with 3/16" tile in new existing wood floor, caulked to door hardware. Paint frame to finish and trim with new existing wood trim, caulked to wall. See Specifications.
9. WALLS (W) At this location, provide new 27'-0" wide x 8'-0" high, concrete type aluminum entrance canopy properly installed, finished and sealed to exterior. See Specifications.
10. CONCRETE BLOCK ADJACENT TO BEARING (CB) At entrance (includes area left, right and above, atrium and report areas of doors or missing concrete). This includes area left, right and above, atrium and report areas of doors or missing concrete. See Specifications.
11. MULLING AND ENTRY (ME) Scaffolding to stand railing and remove all steel. Paint with zinc rich primer and epoxy paint railing. See Specifications.
12. EXISTING BRICK VENERER (CB) At brick area, noted, atrium and report areas of loose or missing bricks. Remove loose bricks and replace with new bricks as well as the existing chimney stacks. See Specifications.

[illegible]

16. **ELECTRICAL NEW (C):** Replace existing electric panel with new 100 AMP panel with new arc fault circuit breaker (GFI) and ground fault interrupter (GFI) panel with new arc fault circuit breaker. Balance loads, mark all circuits and provide proper electrical panel layout type or neatly and legibly handwritten. Additionally provide proper electrical grounding and bonding of the electrical system. See specifications.
17. **GARAGE ENVELOPE (C):** At this location, where driveway penetrates garage envelope and driveway is located, install 12" x 12" x 1/2" GOMI finish to fully enclose tight light to ceiling and wall with all edges and corner boards. Tiles, spackle, sand and paint new GOMI to finish. See specifications.
18. **GARAGE DOOR TO HOUSE (C):** Remove existing door and frame between garage and house. Install new 12' x 7' x 1 1/2" insulated steel door. Paint to match existing door color. Paint to match existing interior and exterior doors. See specifications.

GC: General Contract; E: Electrical Contract; P: Plumbing Contract; M: Mechanical Contract

1. UNDERGROUND WATER LINES: In cars and camp sanitary sewer line from lowest level to main, including all underground drains in or through.
2. DUCTWORK (M): Engine professional, cleaning company to clean whole house ductwork, including filters and diffusers. Replace any rusted galvanized or aluminum ductwork. If a generalist or plumber should be added, task number to be adjusted by +10.
3. SHOWER AND BATHTUBS: Add new shower pan, tub, toilet, floor drain, venting, tankless, hot water and air ductwork in unconditioned space. (+6; target less additional work)
3. SHOWERCO DETECTIONS (H): In entire house, provide new ShowerCO Detectors. See Specifications
4. MISCELLANEOUS WALLS (G): Remove all existing drywall. See Specifications.
4. AT INTERIOR WALLS: CEILING, DOORS AND TRIM (G): Repair holes and gouges away for paint. Prep and paint all walls, ceiling, wall base, painted doors, and painted trimwork. See Specifications.
4. AT EXTERIOR WALLS: Paint exterior walls, trim, porch railings, and painted trimwork. Walls and columns to be painted in a single coat. See Specifications.

33. MAIN STAIRWAY (GC): At main stairway, remove existing handrail, sand, stain and refinish handrail. Patch and paint existing and old mounting holes. Re-fasten handrail to studs to assure solid mounting. See Specifications.

16. **ELECTRICAL NEW (C):** Replace existing electric panel with new 100 AMP panel with new arc fault circuit breaker (AFCI) breakers. Replace existing electrical panel with new arc fault circuit breaker (AFCI) breakers. Balance loads, mark all circuits and provide proper electrical panel layout type or neatly and legibly handwritten. Additionally provide proper electrical grounding and bonding of the electrical system. See specifications.
17. **GARAGE ENVELOPE (C):** At this location, where driveway penetrates garage envelope and driveway is located, install 12" x 12" x 1/2" GOMI finish to fully enclose tight light to ceiling and wall with all edge and corner boards. Tiles, spackle, sand and paint new GOMI to finish. See specifications.
18. **GARAGE DOOR TO HOUSE (C):** Remove existing door and frame between garage and house. Install new 12' x 7' x 1 1/2" insulated steel door with 12' x 7' x 1 1/2" insulated steel door. Paint to match existing interior door. See specifications.

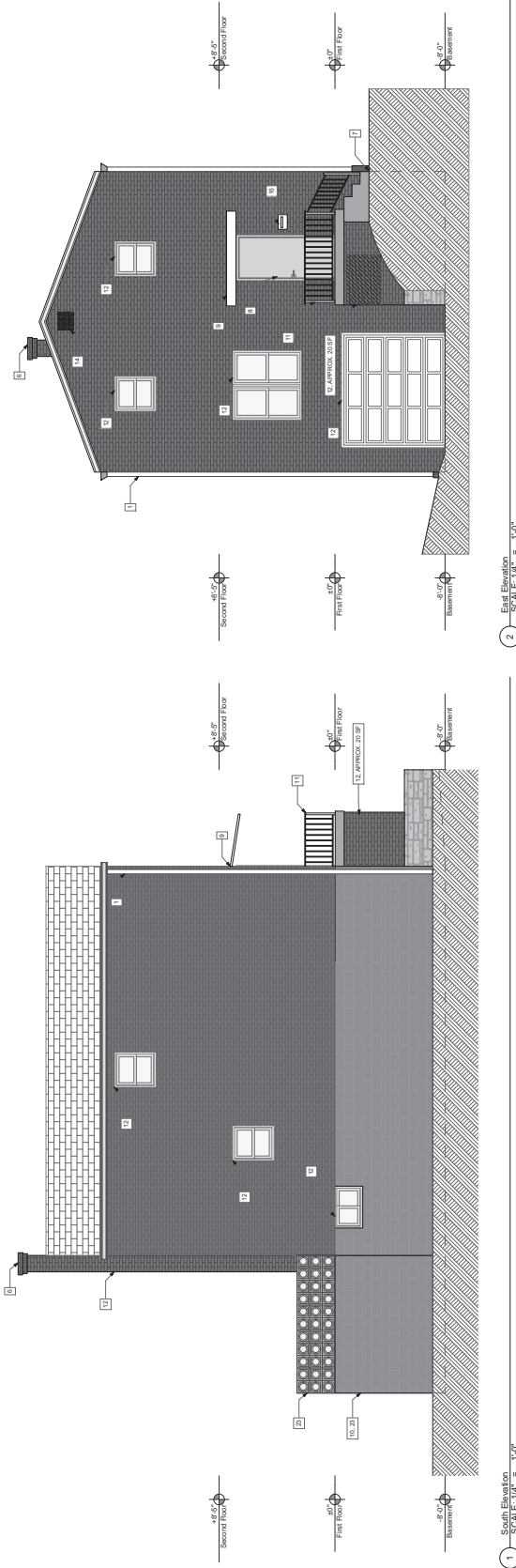
27. **KITCHEN BULKHEAD LIGHTING (E):** At existing bulkhead, recessed fluorescent lighting, lighting and wiring to be replaced. Remove existing lighting and wiring. Install new LED surface mounted strip lights. Remove exhaust fan and patch ceiling. See Specifications.
28. **KITCHEN CABINETS (E):** Carefully clean existing kitchen cabinets and interior to remove staining and oils. Adjust doors and drawers to level and ensure smooth operation. Replace worn hardware. See Specifications.
29. **KITCHEN FLOORING (E):** Remove existing kitchen flooring and install new vinyl plank flooring. See Specifications.
30. **KITCHEN FLOORING (G):** Kitchen flooring: Remove and replace kitchen flooring and wall base. Prep subfloor, smooth and level. Provide new J/T finish, flooring and 4" rubber Cove base.
31. **KITCHEN TO OUTSIDE DOOR (C):** Paint trim to finish and trim with new synthetic wood base. See Specifications. Provide door with new weatherstripping and replaceable thermal seal.
32. **LIVING ROOM (A):** See Specifications.

33. MAIN STAIRWAY (GC): At main stairway, remove existing handrail, sand, stain and refinish handrail. Patch and paint existing and old mounting holes. Re-fasten handrail to studs to assure solid mounting. See Specifications.

Owner:
The Housing Authority of the City of
Pittsburgh
412 Boulevard of the Allies
Pittsburgh, Pennsylvania, 15219

Renovation of 10 Scattered Sites
22344 Palm Beach Avenue
Pittsburgh, Pennsylvania 15216

Basement, First Floor, Second Floor,
Renovation Plan Legend, Keynotes,
Floor Plan Legend



$$\text{South Elevation} \\ \text{SCALE: } 1/4" = 1'-0"$$

10 Scattered Sites Keynotes – 2344 Palm Beach Ave

GC: General Contract; E: Electrical Contract; P: Plumbing Contract; M: Mechanical Contract

General

- UNDERGROUND SEWER LINES (i): Camera and cast sanitary sewer line from lowest level to main, including all foot drains to be in or daylight.
- DUCTWORK (M): Engage professional cleaning company to clean whole house ductwork, including all registers and diffusers. Replace any rusted gaskets or off-gassing (Aluminum ductwork is not recommended).
- CEILING (M): Inspect and repair all ceiling damage. Remove all water stains from ceiling. Insulate and seal all exposed ducts to limit air leakage. Insulate and seal all 10' drains in unconditioned space, e.g. attics (see add total for ductwork note at garage).
- SHOCKED DETECTORS (G): In entire house, provide new SmokeCO Detectors. See specification for details.
- INTERMEDIATE WALL (G): Remove all existing drywall. See Specifications.
- AT SEWER WALLS, CEILINGS, DOORS AND TRIM (G): Repair holes and gouges ready for paint. Prep and paint all walls, ceilings, wall base, painted doors, and painted trim/painting. Repair and paint all trim and baseboards. Repair and paint all doors. At existing walls and ceilings, remove all loose material. See Specifications for details.

Exterior

6. CHINNEP TOP (C): Remove existing mortar cap and top section of terra cotta flue liner. Replace new flue liner with new sized mortar cap. See Specifications.
7. BACKWARD ASH WALK (C): At edge of walk, to forms, provide new backer and install new 1/2" thick concrete. See Specifications.
8. FRONT PORCH (C): Remove existing concrete, forms and threshold, provide new 1/2" thick concrete. See Specifications.
9. FRONT PORCH DOOR (C): Remove existing door threshold and install new 1/2" thick, 3" insulated wood flange door with 3/16" steel trim to existing door threshold and door hardware. Paint frame to finish and trim with new existing wood trim, called out in the Specifications.
10. FRONT PORCH WALK (C): At this location, provide new 5/16" x 3/4" x 36" concrete type aluminum entrance canopy properly installed, flaired and sealed to exterior.
11. CONCRETE BLOCK ADDITION AT REAR (C): At entire facade, 3 (3BDS) of block addition, straw and report areas of loose or missing mortar. This includes entire left, right and above areas. See Specifications.
12. BALUNIC ENTRY (C): Sandblast to clean railing and remove all salt. Paints with zinc rich primer and repaint railing. See Specifications.
13. EXISTING BRICK VENEER (C): At brick area, north, straw and report areas of loose or missing mortar. This includes entire area, right and above window as well as the entire chimney stack.

Interior Placement 2. Additional

19. WATER HEATER (PI) Water Heater AD Smith 40, 41 and 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. The Water Heater appears to be in good condition and does not show signs of failure. Provide specifications for the Water Heater. See Specifications.
20. QUALIFIED PUMPING CONTRACTOR See Specifications.
21. ASBESTH FLOOR (FLOOR) Clean, prep and paint existing basement floor. 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

33. MAIN STAIRS

34. BATHROOM (M): Provide new exhaust fan wired to light circuit and vented to the exterior.

South Elevation, East Elevation,
Lower no. 4 on

Project Location:

Renovation of 10 Scattered Sites
2344 Palm Beach Avenue
Pittsburgh, Pennsylvania 15216

drawing title

Key notes
South Elevation, East Elevation,

scale As Noted	date August 20th, 2024		Sheet No. A4	Project #2326
	no.	of.		
	4	9		

As Noted
Sheet No.

4

Project #2326



1 Site Plan
SCALE: 3/16" = 1'-0"

- SITE PLAN LEGEND**
- | | | | | | | | | | |
|--|----------------------|--|----------------|--|----------------|--|----------------|--|------------------------|
| | GRASS | | MISC. BRICK | | AC CONDENSER | | RAILING | | TRUE ROOF OUTLINE |
| | LIGHTWEIGHT CONCRETE | | MALCHED AREA | | TREE / SHRUB | | TACTILE PAVING | | APPROACH PROPERTY LINE |
| | CONCRETE BLOCK | | STREET SIGNAGE | | STREET SIGNAGE | | MAN HOLE | | WINDOW/ WELL |

10 Scattered Sites Keynotes - 2534 N. 1st Ave.

GC: General Contract; E: Electrical Contract; P: Plumbing Contract; M: Mechanical Contract

General

1. UNDERGROUND SEWER LINES: PE, Camera and drain sanitary sewer line from lowest to main, including all roof drains, to be in one draft.
2. DUCTWORK (MW): Engage professional plumbing, cleaning company to clean whole house ductwork, including all roof drains, to be in one draft.
3. GUTTERS: Engage professional gutter company to clean, install, and replace all gutters. All gutters and all exterior surfaces should be sealed, stain treated, to be aligned based on the finished grade.
4. GRASS: Install seed in all 10 lots. Additionally, seal lawn at exposed ditch points to limit air (leaking). Initalize and seal driveway in unconditioned spaces, e.g., garages (see additional specifications for type and location).
5. DRIVEWAY: Install seed in garage.
6. DRIVEWAY: Engage professional driveway contractor to seal, stain, and paint driveway. See specifications for type and location.
7. INACTIVE HOUSE: provide new Smoke/CO Detectors. See Specifications.
8. INTERLOCKED WALL (CI): Remove all existing driveway. See Specifications.
9. INTERLOCKED WALL (CI): Remove all existing driveway (CO). Repair holes and gashes ready for paint. Prep and paint all walls, ceilings, wall base, pointed doors, and painted trim (siding, paint, trim, etc.) to be in one draft.
10. INTERLOCKED WALL (CI): Remove all existing driveway (CO). Repair holes and gashes ready for paint. Prep and paint all walls, ceilings, wall base, pointed doors, and painted trim (siding, paint, trim, etc.) to be in one draft.
11. WHITE and ceiling to be painted with an eggshell finish. See Specifications.

Exterior

- [illegible]

Interior First Floor

Interior Basement

- [illegible]

Second Floor

34. BATHROOM M/E: Install new exhaust fan, ducted to outside. See Specifications.

Don Grunwald

GC: General Contract; E: Electrical Contract; P: Plumbing Contract; M: Mechanical Contract

1. UNDERGROUND SEWER LINES (P): Camera and clear sanitary sewer line from lowest level to main, including all roof drains to tie in or daylight.
2. DUCTWORK (M): Engage professional ductwork cleaning company to clean whole house

3. SMOKE/CO DETECTORS (1): In wettest basins, provide new Smoke/CO Detectors. See Specifications for type and locations.
4. MISCELLANEOUS WALL GROUT: Remove all existing drainage rods. See Specifications.
5. AT THE INTERIOR WALL JOINTS: Remove all GROUT and TIE (GCI) Repair rods and grout ready for replacement. Grout rods shall be installed in the wall at 10' intervals. Grout rods shall be installed on the total used at 10' intervals. Additionally, seal wall all exposed duct openings to limit air leakage. Insulate and seal ductwork in unconditioned spaces, e.g., grout/foam (see additional details). Install wall tie at garage.

6. **CONCRETE ENTRY STEPS (OC):** Remove existing failing concrete steps from sidewalk to upper landing (approx. 7 risers/landings and 2 separate bottom risers/landings), taking care to set aside step lighting for reinstallation. Recompact soil and 4" of compacted gravel. Form and pour new exposed aggregate steps and landing, with even risers and sloped slightly to drain. Reset hardwired step lighting. Re-establish anchorage of metal railing. See Specifications.

- [illegible]

Material	Material
 VCT FLOORING	 CONCRETE FLOORING
 LVT FLOORING	 WOOD FLOORING

GC: General Contract; E: Electrical Contract; P: Plumbing Contract; M: Mechanical Contract

1. UNDERGROUND SEWER LINES (P): Camera and clear sanitary sewer line from lowest level to main, including all roof drains to tie in or daylight.
2. DUCTWORK (M): Engage professional ductwork cleaning company to clean whole house

3. SMOKE/CO DETECTORS (1): In wettest basins, provide new Smoke/CO Detectors. See Specifications for type and locations.
4. MISCELLANEOUS WALL GROUT: Remove all existing drainage rods. See Specifications.
5. AT THE INTERIOR WALL JOINTS: Remove all GROUT and TIE (GCI) Repair rods and grout ready for replacement. Grout rods shall be installed in the wall at 10' intervals. Grout rods shall be installed on the total used at 10' intervals. Additionally, seal wall all exposed duct openings to limit air leakage. Insulate and seal ductwork in unconditioned spaces, e.g., grout/foam (see additional details on wall and ceiling joint at garage).

6. **CONCRETE ENTRY STEPS (OC):** Remove existing failing concrete steps from sidewalk to upper landing (approx. 7 risers/landings and 2 separate bottom risers/landings), taking care to set aside step lighting for reinstallation. Recompact soil and 4" of compacted gravel. Form and pour new exposed aggregate steps and landing, with even risers and sloped slightly to drain. Reset hardwired step lighting. Re-establish anchorage of metal railing. See Specifications.

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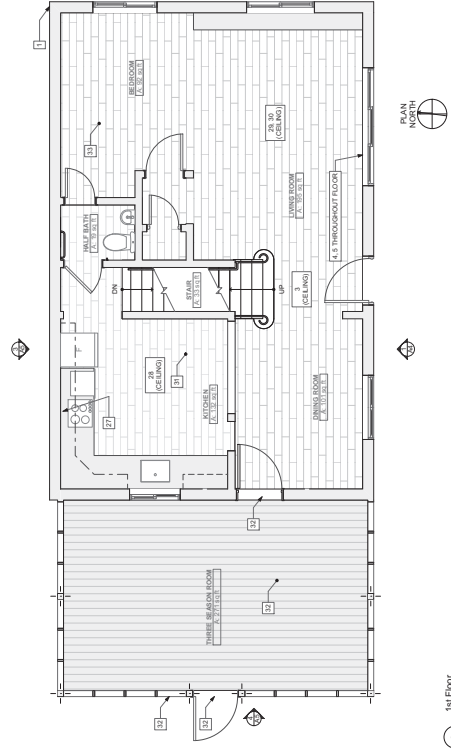
15. **ELECTRICAL PANEL (EC):** Replace circuit breakers with new air fault type circuit breakers. Balance loads, make all circuits and provide new panel (aged type or newly and legally installed). Additionally, provide proper electrical grounding and bonding of the electrical hardware.
16. **GARAGE ENVELOPE (CE):** At this location, where dirtwork, protective garage envelope, expose ductwork, warm seal joints and wrap duct in T rigid insulation. Provide finished "gyp" "x" GWB finish to fully enclose duct to ceiling and wall at all edge and corner locations.
17. **WALL PENETRATIONS (CE):** Provide proper sealing and caulking around all penetrations, new brick/tilts (refill mortared place to completely seal garage from outside).
18. **GARAGE TO INTERIOR DOOR (CE):** Remove existing door and frame between garage and residence. Provide new min. 1.30" thick, 20" existing tiled interior metal door. Paint to match.
19. **GARAGE DOOR (CE):** Provide new surface mounted double outlet, pullout to garage door to supply power to garage door.

20. WATER HEATER (P): Water Heater American Standard 40 Gal. manufacture dated 10/2017.

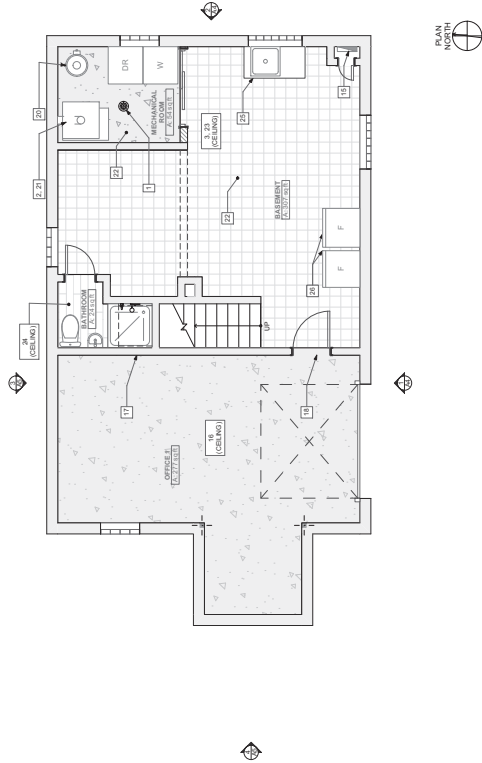
23. The Miller-Hester approach is in good condition and does not show signs of aging. See Specifications.
24. The Miller-Hester approach is in good condition and does not show signs of aging. See Specifications.
25. **HURMAZE (HF)** Furnace 2 years old. It appears to be properly functioning. Provide inspection of unit by qualified HVAC technician. Steam seal at exposed duct seams within 10 feet of furnace. Seal and insulated ductwork with 1 1/2" fiberglass insulation. No damage. See Specifications.
26. **BASMENT AND MECHANICAL ROOM FINISH FLOOR (G/GI)** Properly remove and dispose of existing finished floor. See Specifications.
27. **BASMENT AND MECHANICAL ROOM FINISH FLOOR (G/GI)** Remove existing finished floor. See Specifications.
28. **BASMENT AND MECHANICAL ROOM CEILING (G/GI)** Remove existing damaged suspended ceiling tiles. 360 sq. ft. Provide new moisture resistant ceiling tile in existing space above ceiling. See Specifications.
29. **BASMENT AND MECHANICAL ROOM CEILING (G/GI)** Remove existing damaged suspended ceiling tiles. 360 sq. ft. Provide new moisture resistant ceiling tile in existing space above ceiling. See Specifications.
30. **BASMENT BATHROOM (G/GC/PAVE)** Remove existing damaged ceiling. Ceiling repair. 25 sq. ft. Provide new moisture resistant overhead lighting and exhaust fan. See Specifications. Clean shower basin. Provide new shower rod and tub/shower faucet and tub. See Specifications.
31. **LAUNDRY SINK (G/P)** Provide new laundry sink. See Specifications.
32. **APPLIANCES (G/P)** To be removed by others.

34. BATHROOM (M/E): Install new exhaust fan, ducted to outside. See Specifications.

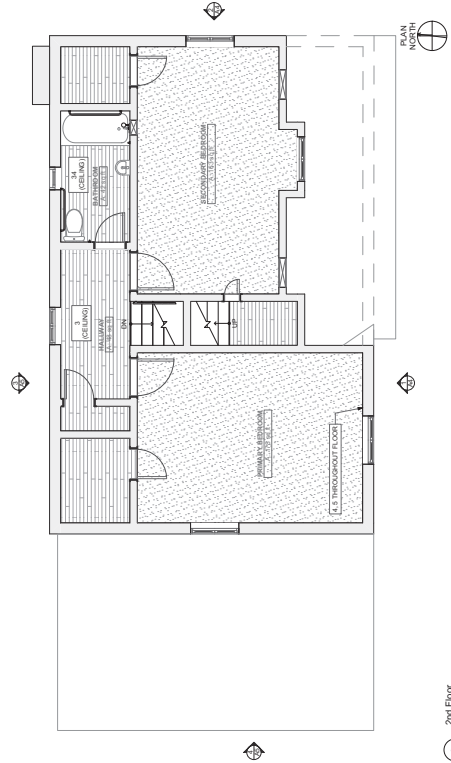
34. BATHROOM (M/E): Install new exhaust fan, ducted to outside. See Specifications.



2 1st Floor



1 Basement
SCALE: 1/4" = 1'-0"



3 2nd Floor
SCALE: 1/4" = 1'-0"

1. PROPERTY HAS BEEN TESTED FOR HAZARDOUS MATERIALS. REPORT WILL BE AVAILABLE AND PROVIDED BY HACP. GO TO ASBESTOS MATERIALS FOLLOWING THE RECOMMENDATIONS FROM THE REPORT.
2. CONTRACTOR TO FIELD VERIFY ANY AND ALL CONDITIONS & DIMENSIONS OF WORK AREAS BEFORE BEGINNING WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT.
3. THE FINISH FLOOR OF THIS PROJECT IS IDENTIFIED AT 0'-0" IN THIS SET OF DRAWINGS.

4. ALIGN NEW WALL & CEILING CORRESPONDING WITH EXISTING WALLS. PATCH, REPAIR, & FINISH PARTITION SMOOTH TO FORM A WALLS JOINT BETWEEN NEW & EXISTING PARTITIONS.
5. WHEN DIMENSIONS ARE PRE-DEFINED OVER EXISTING WALLS, THE CONTRACTOR SHALL VERIFY WRITINGS OF ANY INCONSISTENT OR MISSING DIMENSIONS.
6. DIMENSIONS SHOWN INDICATED FINISH FACE TO FINISHED FACE UNLESS NOT OTHERWISE SPECIFIED.
7. FINISHED FACE UNLESS NOT OTHERWISE SPECIFIED.
8. WALLS LOCATED ON PERPENDICULAR WALLS TO WALLS NOTED OTHERWISE.
9. SAND WALLS & SCUM. REMOVE ALL ADHESIVE RESIDUE AND SCUM WITH JOINT COMPOUND.
10. REMOVE ALL ADHESIVE RESIDUE FROM THE FLOOR SURFACE TO BE GRABED CLEAN OF ANY ADHESIVE RESIDUE. PATCH & CHASE & LEVEL OUT SURFACE TO BE GRABED CLEAN.
11. NECESSARY TO DISCERN NEW FLOORING.
12. NECESSARY TO DISCERN NEW PAINT.
13. ANY CHASES OR DAMAGE TO APPEAR ON WALLS.

CONSTRUCTION DOCUMENTATION

1. Any conflicts in the drawings or between new and existing construction shall be referred to the Architect.
2. Contractor shall verify all dimensions and existing conditions in the field and shall advise Pankaj Architects, P. of any discrepancies between additions to, deletions from, or alterations to any and all conditions prior to proceeding with any phase of work. Do not scale drawings.
3. All work shall be installed in accordance with applicable code and regulations.

- 5 Contractor shall be responsible for the purchasing, repairing and preparation of all existing floors, walls, and ceiling surfaces required to receive scheduled finishes.
- 6 All items shown on drawings are finished construction assemblies. Contractor shall provide and install all materials required for finished assemblies.
- 7 All reports, plans, specifications, computer files, field data, notes, and other documents and instruments prepared by the Architect as instruments of service shall remain the property of the Architect. The Architect shall retain all common law statutory, and other reserved

Owner:
The Housing Authority of the City of
Pittsburgh
412 Boulevard of the Allies
Pittsburgh, Pennsylvania, 15219

Renovation of 10 Scattered Sites
2534 Neeld Avenue
Pittsburgh, Pennsylvania 15216

Basement, 1st Floor, 2nd Floor,
Renovation Plan Legend, Floor Plan
Legend, Keynotes

scale As Noted	Sheet No.	
date August 20th, 2024	A3	
no. 3	of 9	Project #2326



10 Scattered Sites Keynotes - 253.4 Need Aid
GC: General Contract; E: Electrical Contract; P: Plumbing Contract; M: Mechanical Contract
Portions of the work must be coordinated with the Hazardous materials provided by the owner to follow recommendations for abatement specified in the report if not already performed.

1. UNDERGROUND SEWER LINES: PE, Camera and drain sanitary sewer line from lowest to main, including all roof drains to be in or dry/clog.
2. DUCTWORK (MV): Engage professional ductwork cleaning company to clean whole house ductwork, including registers and returns. Replace any worn gaskets on returns. Allow ductwork to dry for 24 hours before re-installing registers and returns. Allow 24 hours before re-installing registers and returns.
3. MICROBIAL DETECTION: (E) In entire house, provide new Smidveco Detectors. See Smidveco website for details.
4. MISCELLANEOUS WALL (G) Remove all existing drywall. See Specifications.
5. AT INTERIOR WALLS, CEILINGS, DOORS AND TRIM (CG): Repair holes and gouges ready for paint. Prep and paint all walls, ceilings, wall base, painted doors, and painted trim/casing. Paint and stain all woodwork, including trim, doors, and windows. See Specifications.
6. WALLS AND CEILING: (E) Remove all existing drywall. See Specifications.

- [illegible]

20. WATER HEATER (P): Water Heater Assembly Standard 401, manufacture dated 10/20/18. The Water Heater is to be in good condition and does not show signs of failure. Service the water heater as needed. Remove any mineral interference with gas inlet and vent pipes (approx. 2018 in length). See Specifications.
21. FURNACE (P): 1918 is 1 year old. It appears to be properly functioning. Provide a minimum 10' clearance around the furnace. See Specifications.
22. BASEMENT: Steam radiators installed throughout, running in uncoordinated fashion, e.g., Garage basement. Steam radiators installed throughout (GAR) (P) remove and replace of radiators in the basement as needed. See Specifications.
23. BASEMENT AND MECHANICAL ROOM FLOORING (GAR) (P) remove and replace of floors in the basement as needed. See Specifications.
24. BASEMENT AND MECHANICAL ROOM CEILING (GAR) Remove existing damaged suspended ceiling in the basement and install new ceiling. See Specifications.
25. BASEMENT AND MECHANICAL ROOM CEILING (GAR) Provide new ceiling in the basement as needed. See Specifications.
26. BASEMENT BATHROOM (CE/P/PAF) Remove existing damaged plaster ceiling and install new plaster ceiling. See Specifications.
27. BASEMENT BATHROOM (CE/P/PAF) Provide new plaster ceiling and tub/shower floor and tub/shower pan specifications.
28. BASEMENT BATHROOM (CE/P/PAF) Provide new tub/shower pan. See Specifications.
29. BASEMENT BATHROOM (CE/P/PAF) Provide new tub/shower pan. See Specifications.
30. BASEMENT BATHROOM (CE/P/PAF) Provide new tub/shower pan. See Specifications.
31. BASEMENT BATHROOM (CE/P/PAF) Provide new tub/shower pan. See Specifications.
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37. BASEMENT BATHROOM (CE/P/PAF) Provide new tub/shower pan. See Specifications.
38. BASEMENT BATHROOM (CE/P/PAF) Provide new tub/shower pan. See Specifications.
39. BASEMENT BATHROOM (CE/P/PAF) Provide new tub/shower pan. See Specifications.
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41. BASEMENT BATHROOM (CE/P/PAF) Provide new tub/shower pan. See Specifications.
42. BASEMENT BATHROOM (CE/P/PAF) Provide new tub/shower pan. See Specifications.
43. BASEMENT BATHROOM (CE/P/PAF) Provide new tub/shower pan. See Specifications.
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99. BASEMENT BATHROOM (CE/P/PAF) Provide new tub/shower pan. See Specifications.
100. BASEMENT BATHROOM (CE/P/PAF) Provide new tub/shower pan. See Specifications.

34. BATHROOM (M/E): Install new exhaust fan, ducted to outside. See Specifications.

**West Elevation, North Elevation,
Keynotes**

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	no.	of.		
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Project #2326

1. Any conflict in the drawings or between new and existing construction shall refer to the Architect.
2. Contractor shall verify all dimensions and conditions of existing work prior to construction of new work. In the event of any discrepancy between additions, to, deletions or changes to existing work, the Contractor shall proceed with any phase of work, in accordance with the drawings.
3. Contractor shall be located in accordance with applicable codes and regulations.
4. Contractor shall be responsible for the packaging, shipping, unloading and preparation of all existing floor, walls and ceiling materials. All items shown on drawings are finished construction unless specified otherwise. Contractor shall provide and install all materials and components.
5. All parts, parts specifications, components, finishes, data, notes, and other documents and instructions shall be submitted to the Architect for review and approval prior to construction. The Architect shall retain all common law, statutory, and other source documents and specifications.

***10 Scattered Sites - McPherson Blvd
Single Family Residence, Minor Alteration
7152 McPherson Blvd,
Pittsburgh, Pennsylvania 15208***

Code Conformance Information

Applicable Codes	2018 International Residential Code 2018
General:	2018 International Energy Conservation Code
Energy:	2017 NEC (NFPA 70)
Electrical:	2018 International Fire Code
Fire:	2018 International Fuel Gas Code
Fuel Gas:	2018 International Mechanical Code
Mechanical:	2017 Allegheny County Health Department Plumbing Code
Plumbing:	

General Building / Project Information	
Stories:	1 Stories
Building Gross Area:	Basement 99.9 1st Floor 99.9

[illegible]

Symbols	NOTALL
 T.O. FINISH FLOOR ELEV. 0'-0"	ELEVATION HEIGHT
 PLAN NORTH	NORTH ARROW
	ELEVATION MARKER

Owner:
The Housing Authority of the City of
Pittsburgh
412 Boulevard of the Allies
Pittsburgh, Pennsylvania, 15219

Project Location:
Renovation of 10 Scattered Sites
7152 McPherson Blvd
Pittsburgh, Pennsylvania 15208

**Drawing Index, Code Conformance
Information, Abbreviations and
Materials, Site Location**

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FLOOR COVERING PLAN LEGEND

	VCT FLOORING
	CONCRETE FLOORING
	CARPET FLOORING
	LVT FLOORING
	WOOD FLOORING

GENERAL FLOOR PLAN NOTES



1 Basement SCALE: 1/4" = 1'-0"

GC: General Contract E: Electrical Contract; P: Plumbing Contract M: Mechanical Contract

1. UNDERGROUND SEWER LINES (PI): Camera and clear sanitary sewer line from lowest level to main, including all roof drains to tie in or daylight.

- [illegible]

7. ROOF (GC): Remove existing shingles (approx. 1,600 sf), flashing, roof vent caps, roof pipe boots flashing, gutters, downspouts, etc. Relocate existing Dish to a wall mounted location so as to not penetrate the roof. Re-roof using new materials per Specifications. Replace

7. **ROOF (GC):** Remove existing shingles/epoxy, 1,000 sf dry, training, roof vent pipes, roof boots, roof flashing, gutters, downspouts, etc. Replace existing materials as per Specifications. Replace as it is.
8. **UNDERLAMENT** THE ROOF: Remove existing underlayment as per Specifications. Replace with 3/8" **ELECTRICIAN'S WEATHER STRIP** (E) Replace existing electrical service entrance. See Specifications.
9. **ROOF DRAINAGE SYSTEMS (GC):** Remove existing downspouts, cisterns (2) and roof drains (2). See Specifications.
10. **ROOF DRAINAGE SYSTEMS (GC):** Remove existing concrete aprons and rooftop penstock and penstock. See Specifications.
11. **ROOF DRAINAGE SYSTEMS (GC):** Add footings between gables and downspout, clean out, penstock, new better and individual as well as full wall. See Specifications.
12. **EXISTING AC CONDENSER UNIT (AC):** Provide new weather replacement from condenser to Condenser. Remove abandoned condenser stand line from old HVAC in attic and seal any through walls. See Specifications.
13. **LEAN LIGHT FIXTURE (E):** Replace photoconductive in existing exterior light fixture and assure proper functioning. Alternatively, replace with new photoconductive light fixture with switch.
14. **GRAB BAR (GC):** Remove and replace grab bar and wood trim.
15. **FRONT DOOR COOL (GC):** Scrape clean and repaint (2) doors from front porch.
16. **WINDOW BELLS (GC):** Provide liquid applied waterproofing membrane to exposed window bells within all window wells. See specifications.



(2) FIRST FLOOR
SCALE: 1/4" = 1'-0"

16. ELECTRICAL PANEL (E): Replace existing archaic electric fuse panel and electrical panel with new consolidated 100 AMP panel with new arc fault type circuit breakers. Balance load, mark all circuits and provide new panel legend typed or neatly and lesbly handwritten.

16. **ELECTRICAL INTEL (EI)** Replace existing cable, device, panel, electrical panel, and/or lighting fixture. Remove old wiring, conduit, and components not considered 100% EI panel with new EI, built-in circuit breakers. Balance loads, mark all circuits and provide panel legend type or neatly and legibly handwritten. Additionally, provide proper electrical grounding and bonding of the electrical system. See Specifications.
17. **GARAGE CEILING (GC):** At corner of garage ceiling. Remove portion of ceiling (approx. 10 sq ft) damaged by water intrusion. Replace with new GWB with textured/painted finish to match. Note: repair ceiling after room is replaced and Duth is permanently relocated. See Specifications.
18. **BEAR DOOR TO EXTERIOR (CE):** Replace rear door knob on door to exterior with new. Scrape to remove old clunk and (if applicable, door frame to seal).

19. **FURNACE/ DUCTWORK (M):** Furnace is 3 years old. Provide inspection by a qualified HVAC technician. Seam seal all exposed duct seams within 1 year. See Specifications.
20. **BASEMENT ACCESS STAIR (GO):** Clean and paint basement stair handrail. Provide new riser treads consisting of painted 2" by 7" wood, taking care to preserve 1" nosing dimension at closures. Provide new vinyl non-slip tread covers at each tread. See Specifications.
21. **WATER HEATER (P):** Water heater is 15 years old, replace. Provide all necessary connects (electrical, vent and waste) with the installation. See Specifications.

19. **FURNACE/ DUCTWORK (M):** Furnace is 3 years old. Provide inspection by a qualified HVAC technician. Seam seal all exposed duct seams within 1 year. See Specifications.
20. **BASEMENT ACCESS STAIR (GO):** Clean and paint basement stair handrail. Provide new riser treads consisting of painted 2" by 7" wood, taking care to preserve 1" nosing dimension at closures. Provide new vinyl non-slip tread covers at each tread. See Specifications.
21. **WATER HEATER (P):** Water heater is 15 years old, replace. Provide all necessary connects (electrical, vent and waste) with the installation. See Specifications.

22. FLOOR FINISH (GC): Remove existing carpet (approx. 604 sf) and VCT (approx. 155 sf) floor finish throughout first floor. Prep subfloor and provide new LVT floor finish and wall base in kitchen and bathrooms (approx. 155 sf). Provide new LVT floors over existing hardwood floors (approx. 604 sf). See Specification.

- FLOOR FINISH (C):** Remove existing carpet, provide 604 psi and VCT, provide .155 mil finish over base.
- FLOOR FINISH (D):** Prep subfloor and provide new UT floor finish and wall base in kitchen and bathrooms. Provide .155 psi.
- FLOOR FINISH (E):** Provide new UT floors over existing hardwood floors throughout entire house.
- KITCHEN, BATH AND SLEEP SPECIFICATIONS:** Provide all necessary components, materials, labor, and equipment per Specifications.
- 24. BATH ROOMS (RCC):** In first floor bathroom: Remove and replace entirely existing tub, tile surround, vanity basin and sink, medicine cabinet, toilet/bowser faucet and drain, sink/faucet and drain, toilet, shower door, glass partition, and bathtub/shower pan. Provide new bathroom exhaust fan wired to light circuit and vented to the exterior. Provide new towel bar(s), robe rack, linen closet, and storage cabinets. Provide new tile, wall, ceiling, tub surround, and floor demolition. See Specification for details.

25. MISC. ATTIC INSULATION (GC): Provide new min R-38 fiberglass batt insulation at location where HVAC unit was removed (approx. 10 sf). See Specifications.

25. MISC. ATTIC INSULATION (GC): Provide new min R-38 fiberglass batt insulation at location where HVAC unit was removed (approx. 10 sf). See Specifications.

Renovation of 10 Scattered Sites
7152 McPherson BlvdBasement, Renovation Plan Legend,
First Floor, Floor Plan Legend,

Basement, Renovation Plan Legend,
First Floor, Floor Plan Legend,

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date August 20th, 2024			
no. 3	of 8		

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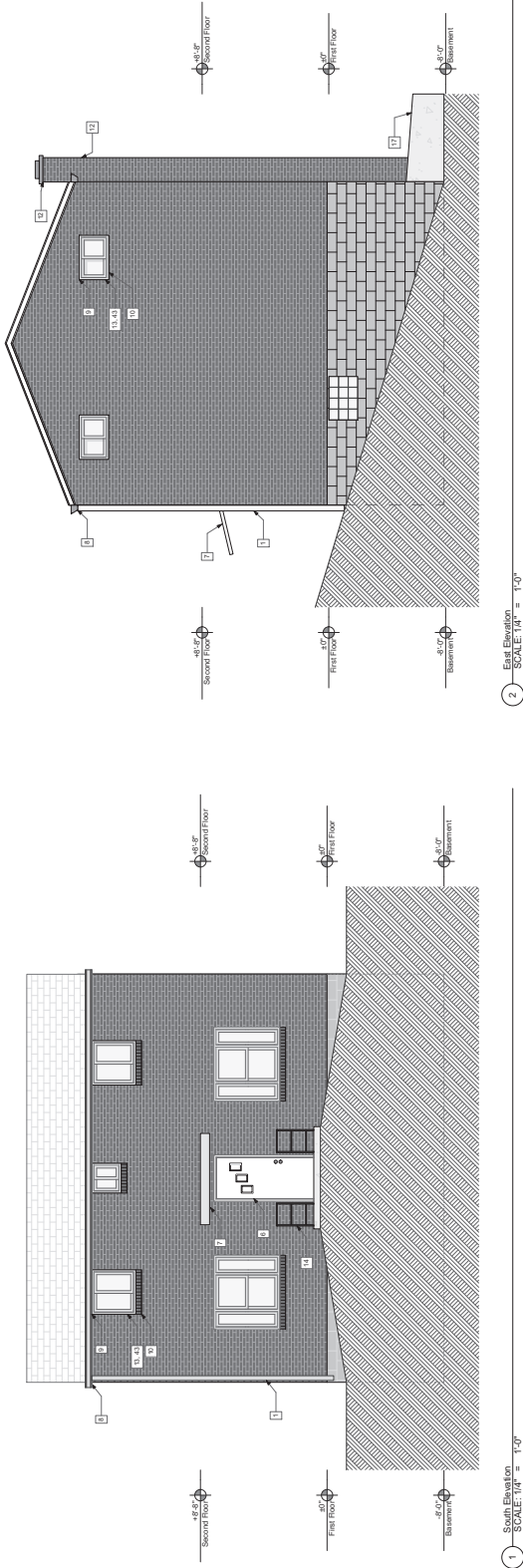
CONSTRUCTION DOCUMENTATION

- Any conflicts in the drawings or between new arising construction shall be referred to the Architect.
- Contractor shall verify all dimensions and existing conditions in the field and shall advise Project Architect of any discrepancies between additions to, deletions from, or alterations to any and all conditions prior proceeding with any phase of work. Do not proceed with any work until all discrepancies are resolved.
- All work shall be installed in accordance with applicable codes and regulations.

1. Any conflicts in the drawings or between new and old data shall be resolved by the Architect. Existing construction shall be referred to the Architect.
2. Contractor shall verify all dimensions and elevations of existing conditions and submit a preliminary set of all field measurements to the Architect. If any discrepancies between, additions to, deletions from, or corrections to any new and old data are shown, the Architect shall be notified immediately. The Architect shall be notified of any new and old data discrepancies, additions, deletions, or corrections **immediately**.
3. All work shall be installed in accordance with applicable codes and standards.
4. The Contractor shall be responsible for the preparation of a schedule of materials and equipment, including a complete list of existing floor, wall, and ceiling surface materials to be removed or finished. All items required on drawings are furnished contractor's responsibility. Existing materials and materials not shown on drawings are furnished contractor's responsibility.
5. All items shown on drawings are furnished contractor's responsibility. Existing materials and materials not shown on drawings are furnished contractor's responsibility.
6. All reports, plans, specifications, computer files, data, notes, and other documents and instruments used in the preparation of the drawings shall remain the property of the Architect. The Architect shall not be responsible for the loss, destruction, or other recovery of any such documents and instruments.

OWNER:
The Housing Authority of the City of
Pittsburgh
412 Boulevard of the Allies
Pittsburgh, Pennsylvania, 15219

Overview



CONSTRUCTION DOCUMENTATION

- general notes**
1. ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND STANDARDS REFERRED TO IN THE SPECIFICATIONS.
 2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LOCATIONS OF EXISTING CONDITIONS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES BETWEEN ADDITIONAL INFORMATION AND THE SPECIFICATIONS SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY.
 3. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.
 4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
 5. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.
 6. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- project title**
- The Housing Authority of the City of Pittsburgh
412 Boulevard of the Allies
Pittsburgh, Pennsylvania, 15219
- revisions**

- 13. CHIMNEY (GC):** In addition to existing chimney, remove existing crumbling masonry cap and provide new aluminum cap at top. See Specifications.
- 14. EXISTING WINDOW CAULK (GC):** Scrape clean and rescale head, jamb and sill of all windows. See Specifications.
- 15. REAR GLASS SLIDING DOOR (GC):** Remove and replace existing rear sliding door, frame and associated synthetic trim. Provide new replacement sliding door x full height and width of existing door. See Specifications.
- 16. REAR PATIO (GC):** Remove and replace concrete pavers (approx. 200 sf). Provide new concrete slab topped to drain away from building. See Specifications. At existing concrete slab, remove and replace existing concrete slab. Provide new concrete slab and caulk to seal (approx. 200 sf). Pressure wash entire slab. See Specifications.
- 17. TREE STUMPS (GC):** Remove existing tree stump and surrounding invasive flora entirely. Provide new compacted soil and grass overlaid to establish lawn in area of removal. See Specifications.
- 18. ELECTRICAL PANEL (E):** Replace existing arched electric panel with new 100 AMP panel with new and built type circuit breakers. Balance loads, mark all circuits and provide new wiring as needed. Provide new electrical panel and associated wiring. Provide proper grounding and bonding of the electrical system. See Specifications.
- 19. GARAGE ENVELOPE (GC):** At this location, where ductwork penetrates garage envelope, provide new 2" x 6" x 8" wood framing and 1/2" gypsum board. Provide proper sealing and brads. Tape, spackle, and paint new GWB to finish. See Specifications.
- 20. GARAGE TO HOUSE DOOR (GC):** Remove existing door and frame between garage and house. Provide new 2" x 6" x 8" wood framing and 1/2" gypsum board. Provide proper sealing and brads. Tape, spackle, and paint new GWB to finish. See Specifications.
- 21. BASEMENT FINISH FLOOR (GC):** Clean, prep and paint existing basement floor (approx. 200 sf). See Specifications.
- 22. MECHANICAL ROOM (GC):** Clean and paint walls (approx. 300 sf). Provide new painted moisture resistant GWB finish at partition wall and below table. See Specifications.
- 23. WATER HEATER (P):** Water heater appears to be manufacture dated May of 2019 and does not meet current code requirements. Replace with new water heater. See Specifications.
- 24. FURNACE (P):** Furnace is 32 years old. Replace the furnace. See Specifications.
- 25. BASEMENT FINISH FLOOR (GC):** Clean, prep and paint existing basement floor (approx. 200 sf). See Specifications.
- 26. MECHANICAL ROOM (GC):** Clean and paint walls (approx. 300 sf). Provide new painted moisture resistant GWB finish at partition wall and below table. See Specifications.
- 27. KITCHEN APPLIANCES (GC/E):** Replace all appliances including stove/oven, refrigerator, kitchen exhaust hood. See Specifications.
- 28. KITCHEN CABINETS (GC):** Carefully clean existing kitchen cabinet faces and interior to remove dirt, grease and grime. Repaint cabinet faces and interior with white semi-gloss paint. Adjust doors and drawers to level and ensure smooth operation. See Specifications.

- 10. Scattered Simi-Kondan, 3311 Vidette St**
GC: General Contract; E: Electrical Contract; P: Plumbing Contract; M: Mechanical Contract
Portions of the work must be coordinated with the Hazardous Materials report provided by PSI, GC to follow recommendations for abatement specified in the report if not abated/performed.
- General**
1. UNDERGROUND SEWER LINES (P): Camera and clear sanitary sewer line from lowest level to main, including all roof drains to tie in our daylight.
 2. DUCTWORK (M): Engage professional ductwork cleaning company to clean whole house ductwork. Clean and seal all ductwork. Provide new ductwork as needed. Seal all duct joints with mastic. Provide new ductwork as needed. Seal all duct joints with mastic. Provide new ductwork as needed. Seal all duct joints with mastic.
 3. SHOCKEKO DETECTORS (E): In entire house, provide new SmokeKO Detectors. See Specifications for type and location.
 4. INTERIOR WALLS, CEILINGS, DOORS AND TRIM (GC): Repair holes and gouges ready for paint. Prep and paint all walls, ceilings, wall base, painted doors, and painted trim as needed. Painted doors, trim, ceiling, and wall base to be painted with a semi-gloss finish. All existing walls and ceilings to be painted with an eggshell finish. See Specifications.
 5. FRONT DOOR (GC): Remove existing front exterior door, frame and threshold, provide new 1 1/2" x 6" x 2" solid core exterior door with new weatherstripping and door hardware. Paint frame to finish and trim with new synthetic wood trim, caulked to seal. See Specifications.
 6. ENTRANCE CANOPY (GC): At this location, provide new 52" wide x 36" deep, concave style entrance canopy. Provide new 2" x 6" x 8" wood framing and 1/2" gypsum board. Provide proper sealing and brads. Tape, spackle, and paint new GWB to finish. See Specifications.
 7. ROOF GUTTERS AND FASCIA (GC): Remove gutters and replace existing fascia board with new synthetic white fascia board. Clear gutters downspouts and underground piping of debris. Provide new 2" x 6" x 8" wood framing and 1/2" gypsum board. Provide proper sealing and brads. Tape, spackle, and paint new GWB to finish. See Specifications.
 8. EXISTING UNITS (GC): Perfect surrounding finishes and windows, sandblast to clean rust and paint with new. See Specifications.
 9. EXISTING UNITS (GC): Perfect surrounding finishes and windows, sandblast to clean rust and paint with new. See Specifications.
 10. EXISTING UNITS (GC): Perfect surrounding finishes and windows, sandblast to clean rust and paint with new. See Specifications.
 11. EXISTING UNITS (GC): Perfect surrounding finishes and windows, sandblast to clean rust and paint with new. See Specifications.

- 31. KITCHEN SINK AND FAUCET (P):** Provide new kitchen sink faucet and drain.
- 32. KITCHEN FLOORING (GC):** Kitchen flooring: Remove and replace kitchen flooring (approx. 100 sf) and wall base. Prep sub floor, smooth and level. Provide new LVF finish flooring and 1/2" rubber core base. See Specifications.
- 33. KITCHEN CEILING (GC):** Kitchen ceiling: Remove and replace kitchen ceiling (approx. 100 sq ft) below top of cooking surface to base of upper cabinets x width of cabinets. Grout and seal.
- 34. KITCHEN CEILING (GC):** Kitchen ceiling: Remove and replace kitchen ceiling (approx. 100 sq ft) below top of cooking surface to base of upper cabinets x width of cabinets. Grout and seal.
- 35. FLOOR FINISH (GC):** Remove existing carpet and VCT floor finish throughout first floor dining room and living room. Provide new LVF floors over existing hardwood floors (approx. 380 sf). See Specifications.
- 36. EXISTING FIREDRILL WALL (GC):** At existing exterior brick veneer wall (approx. 120 sf), clean and prep stone. Provide new semi-gloss white paint finish. See Specifications.
- 37. EXISTING FIREDRILL WALL REPAIR (GC):** Scrape, spackle, sand and paint area of wall adjacent to rear living room window to match existing (approx. 120 sq ft) in living room.
- 38. EXISTING FIREDRILL WALL REPAIR (GC):** Scrape, spackle, sand and paint area of wall adjacent to rear living room window to match existing (approx. 120 sq ft) in living room.
- 39. EXISTING FIREDRILL WALL REPAIR (GC):** Scrape, spackle, sand and paint area of wall adjacent to rear living room window to match existing (approx. 120 sq ft) in living room.
- 40. MAIN STAIRWAY (GC):** At main stairway, replace 5 damaged painted oak stair treads. Match existing treads. Provide new 1/2" x 6" x 8" wood framing and 1/2" gypsum board. Provide proper sealing and brads. Tape, spackle, and paint new GWB to finish. See Specifications.
- 41. BATHROOM (GC/P):** Completely renovate bathroom with new tub/shower, tub/shower cabinet and lighting. Provide new GFCI outlet located on left side of sink approx. 42" AFF. Provide new 2" x 6" x 8" wood framing and 1/2" gypsum board. Provide proper sealing and brads. Tape, spackle, and paint new GWB to finish. See Specifications.
- 42. FLOOR FINISH (GC):** Remove existing carpet and VCT floor finish throughout second floor. Provide new LVF floors over existing hardwood floors (approx. 380 sf). See Specifications.
- 43. WINDOWS (GC):** Clean tape seals. Clean out all window tracks (14 total).
- 44. PRIMARY BEDROOM CLOSET (GC):** Add closet rod (3 ft).

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		Project #2326

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ARCHITECTURAL WOODWORK STANDARDS GRADE: AWA PREMIUM.
TYPE OF CONSTRUCTION: FRAMELESS.

CLASS BLOCK SHALL BE INSTALLED PER IBC AND IRC BUILDING CODE AND
 IBCS 402.2C1.5. *BUILDING CODE REQUIREMENTS AND
 SPECIFICATION FOR MASONRY STRUCTURES*

