



Housing Authority of the City of Pittsburgh

Contracting Officer
100 Ross Street
2nd Floor Suite 200
Pittsburgh, PA 15219
(412) 456-5248
Fax: (412) 456-5007
www.hacp.org

February 14, 2017

BEDFORD HOPE CENTER IMPROVEMENTS AT BEDFORD DWELLINGS, COMMUNITY PA-1-02

IFB#600-01-17

ADDENDUM NO.2

This addendum issued February 14, 2017 becomes in its entirety a part of the Invitation for Bid IFB #600-01-17 as is fully set forth herein:

- Item 1:** **Q.** Who is responsible for moving and storing of furniture during construction?
 A. Each Prime Contractor shall be responsible for moving and storing furniture as necessary for execution of their work.
- Item 2:** **Q.** Per spec Section 01500 1.4A – Does each prime need to have a trailer field office?
 A. Each Prime Contractor shall be responsible for providing their own temporary Field office, as necessary for execution of their work.
- Item 3:** **Q.** (01500-105A 0) Which prime is responsible for providing sanitary facilities?
 A. Each Prime Contractor shall be responsible for providing their own temporary sanitary facilities as necessary for execution of their work.
- Item 4:** **Q.** (01500 1.6) Which prime is responsible for temporary power and lighting?
 A. The Electrical Prime Contractor shall be responsible for coordinating with each Prime contractor and provide for temporary power and lighting as necessary to execute activities identified on the Project Construction Schedule.
- Item 5:** **Q.** (01500 1.9B) Which prime is responsible for providing guard lights?
 A. Each Prime Contractor shall be responsible for providing their own safety and security measures as required for execution of their work.
- Item 6:** **Q.** (01500 2.1 A) Which prime is responsible for providing fencing?
 A. Each Prime Contractor shall be responsible for providing their own safety and security measures as required for execution of their work.

Item 7: **Q.** (01500 2.3) Which prime is responsible for temporary heating and ventilation?
 A. The HVAC Prime Contractor shall be responsible for coordinating with each Prime contractor and provide temporary heating and ventilation as necessary to execute activities identified on the Project Construction Schedule.

Item 8: **Q.** (013233) Which prime is responsible for selecting and paying for a photographer for photographic documentation?
 A. Each Prime Contractor shall be responsible for providing photographic Documentation of their work.

Item 9: **Q:** Per spec 017700 which prime is responsible for final cleaning?
 A: Each Prime Contractor shall be responsible for final cleaning necessary to close out their contract.

Item 10: **Q:** Spec section 013100 1.5 B5 states the architect will provide digital data files. However spec section 013300 1.4A states CAD files will not be provided. Please clarify if CAD files will or will not be available.
 A: CAD files can be made available upon request after the bidding period to the successful contractors, in exchange for a signed waiver and release of liability.

Item 11: **Q.** Will it be possible to remove and set the new roof top unit the same day or will the unit need to be off for an extended period due to other work?
 A: The HVAC Prime Contractor shall coordinate and schedule the Work to minimize the length of time the HVAC system is inoperable. The maximum allowable downtime is 5 working days, and these days must occur consecutively and include all demolition of the existing HVAC system and all work necessary for complete operation of the new HVAC system. While the HVAC system is offline, the HVAC Contractor is responsible for providing temporary heaters as necessary in order to maintain a minimum interior ambient temperature of 66 degrees to meet local health code requirements. The Project Construction Schedule provided by the General Contractor shall include the downtime as an activity with appropriate predecessor and successor activities.

Item 12: **Q:** Please clarify if the downstream supply air ductwork is to be lined and wrapped as the insulation spec is unclear.
 A: Supply duct upstream of air terminal units shall be wrapped as described in Specification Section 230700 Part 3.8, and supply duct downstream of air terminal units shall be lined as described in Specification Section 233113 Part 3.9.D.

Item 13: **Q:** Does the existing ductwork require insulation?
 A: Existing duct work does not require insulation.

Item 14: **Q:** Please note there are a few division 23 spec sections included in the spec manual that are not in the table of contents, including controls and balancing.
 A: See revised Table of Contents (Attachment A). See revised Scope of Work forms 0310, 0320, 0330 and 0340 (**Attachment B**)

Item 15: **Q:** Is the model number and weight available for existing roof top unit?

A: The existing roof top unit is Trane Model Number SFHFC504LU67C69D3001AB0E000K000000000000. The estimated weight is between 9,000 to 10,000 lbs, the successful HVAC Prime Contractor shall verify.

Item 16: **Q:** I understand that the contractor is responsible for their own permits. If zoning require a variance for the roof top unit, who is responsible for the associated costs and will a contract extension be given for the additional time?

A: Each Prime Contractor shall be responsible for paying for and obtaining applicable construction permits only.

Item 17: **Q:** There are a few areas where new duct work is shown over drywall ceilings. Please clarify who is responsible for drywall removal, new drywall and painting.

A: General Prime Contractor shall be responsible for coordinating with HVAC Contractor to determine the least amount of ceiling demolition for the above ceiling work required. General Contractor is responsible for existing gypsum board ceiling removal, and new gypsum board ceiling and support installation, finishing and painting. See attached revised drawings A-401 (**Attachment C**) and A-402 (**Attachment D**), indicating the area of ceiling demolition/re-installation.

Item 18: Remove Specification Section 012100 Allowances, 1.8 Contingency Allowances.

Item 19: Add to Specification Section 012100 Allowances, 3.3 Schedule of Allowances: B. Allowance No. 2: Gypsum board repair and patching allowance: Where visible cracks and holes are present on existing gypsum board wall and ceiling surfaces, General Contractor to repair and patch existing gypsum board (see Specification Section 092900) prior to final painting. Provide all materials and labor as necessary for complete Gypsum board repair and patching up to 3,700 SF.

Item 20: **Q:** Are we to replace any perimeter metal? i.e. gutters, fascia ect. If so we would need a spec. The only note I see is about keeping the downspouts.

A: The existing perimeter metal shall remain. Prime Contractors shall protect the existing work from damage.

Item 21: **Q:** The EPDM spec calls for a composite board insulation with a FB facer. Carlisle only has a composite board insulation with a SecurShield HD facer laminated to it. Is this acceptable?

A: An HD facer is acceptable.

Item 22: **Q:** Note on flat roof drawing A-103 says to remove existing Modified roof and replace with new Modified roof. The spec provided is for an EPDM roof.

A: The specification is correct. The new roofing shall be EPDM type. The existing roof to be removed is modified bituminous.

Item 23: **Q:** Spec section 075323 EPDM subsection 2.1, A calls for reinforced EPDM. There is no added benefit for this on such a small roof, and not needed for the warranty. Please advise if we are to use reinforced or if we can provide standard 60-mil black EPDM.

A: The contractor shall furnish reinforced EPDM.

Item 24: Add to 230900, Part 2, 2.1, Acceptable Manufacturers: D. Approved Equal.

Item 25: The bid due date is, changed to February 21, 2017 and the time and location remain unchanged at 10:00 AM at the HACP Procurement Dept., 100 Ross St. 2nd Floor, Suite 200, Pittsburgh, PA 15219.

END OF ADDENDUM NO. 2



Mr. Kim Detrick
Procurement Director/Contracting Officer

February 14, 2017



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BEDFORD HOPE CENTER IMPROVEMENTS AT BEDFORD DWELLINGS, COMMUNITY PA-1-02

IFB#600-01-17

ATTACHMENT A

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

Bedford Hope Center Improvements (PA-1-02)

HACP Project No. 600-01-17 G

**SCOPE OF WORK FOR
GENERAL CONSTRUCTION**

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

1. THE AGREEMENT

(Bound in the Project Manual)

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

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.

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

**TECHNICAL SPECIFICATIONS
FOR THE Bedford Hope Center Improvements (PA-1-02)**

PART FOUR: TECHNICAL SPECIFICATIONS

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P=Plumbing
H=HVAC
E=Electrical**

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012100	Allowance	012100	G,P,H,E
012200	Unit Prices	012200	G,P,H,E
012500	Substitution Procedures	012500	G,P,H,E
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012900	Payment Procedures	012900	G,P,H,E
013100	Project Management and Coordination	013100	G,P,H,E
013200	Construction Progress Documentation	013200	G,P,H,E
013233	Photographic Documentation	013233	G,P,H,E
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017329	Cutting and Patching	017329	G,P,H,E
017700	Closeout Procedures	017700	G,P,H,E
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017900	Demonstration and Training	017900	G,P,H,E

DIVISION 06- WOOD AND PLASTIC

061053	Miscellaneous General Carpentry	0651053	G
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DIVISION 07- THERMAL & MOISTURE PROTECTION

073113	Fiberglass Reinforced Shingles	073113	G
075323	Ethylene-Propylene-Diene-Monomer (EPDM) Roofing	075323	G

DIVISION 08- DOORS AND WINDOWS

081113	Standard Steel Frames	081113	G
082120	Flush Wood Doors	082120	G

DIVISION 09- FINISHES

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095123	Acoustical Tile Ceilings	095123	G
096500	Resilient Flooring	096500	G
096513	Resilient Base & Stair Treads	096513	G
096816	Sheet Carpeting	096816	G
099100	Painting	099100	G

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DIVISION 12- Furnishings

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DIVISION – 22 – Plumbing

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DIVISION – 23 – Heating, Ventilating, and Air Conditioning

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230529	Hangers & Supports for HVAC Piping & Equipment	230529	H
230593	Testing, Adjusting, & Balancing for HVAC	230593	H
230700	HVAC Insulation	230700	H
230900	Automatic Temperature Control for HVAC	230900	H
230993	Sequence of Operations for HVAC Controls	230993	H
232113	Hydronic Piping	232119	H
233113	Metal ducts	233113	H
233300	Air Duct Accessories	233300	H
233600	Air Terminal Units	233600	H
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237413	Packaged, Outdoor, Central Station Air Handling Units	237413	H

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260200	Basic Electrical Methods and Procedures	260200	E
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E-105	Solar Planes: Electrical Diagram and Schedules
E-106	Solar Panels: Solar Panels: Roof Plan

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

Bedford Hope Center Improvements (PA-1-02)

HACP Project No. 600-01-17 E

**SCOPE OF WORK FOR
ELECTRICAL CONSTRUCTION**

The Contract for the Site Work 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 WORK 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.

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.

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

**TECHNICAL SPECIFICATIONS
FOR THE Bedford Hope Center Improvements (PA-1-02)**

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013300	Submittal Procedures	013300	G,P,H,E
014000	Quality Requirements	014000	G,P,H,E
015000	Temporary Facilities and Controls	015000	G,P,H,E
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DIVISION 06- WOOD AND PLASTIC

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DIVISION 09- FINISHES

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095123	Acoustical Tile Ceilings	095123	G

096500	Resilient Flooring	096500	G
096513	Resilient Base & Stair Treads	096513	G
096816	Sheet Carpeting	096816	G
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233113	Metal ducts	233113	H
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HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

**Bedford Hope Center Improvements
at
Bedford Dwellings (PA-1-2)**

HACP CONTRACT NO. 600-01-17 P

**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 00320 - Scope of Work for Plumbing Construction Document 00321 - Form of Bid for Plumbing Construction
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2. PRIMARY SPECIFICATIONS FOR THE PLUMBING CONSTRUCTION CONTRACT
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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 Plumbing Construction Contract.

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.

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HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

**Bedford Hope Center Improvements
at
Bedford Dwellings (PA-1-2)**

HACP CONTRACT NO. 600-01-17-H

**SCOPE OF WORK FOR
HVAC CONSTRUCTION**

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

1. THE AGREEMENT

(bound in the Project Manual)

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

2. PRIMARY SPECIFICATIONS FOR THE HVAC CONSTRUCTION CONTRACT

(bound in the Project Manual)

All Work contained in the Primary Specifications listed below is the Work of the Contractor for this HVAC 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 HVAC Construction Contract.

It is the contractual responsibility of the Contractor for HVAC 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.

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

**PART FOUR: TECHNICAL SPECIFICATIONS PLEASE ALSO REFER TO DRAWINGS
BEDFORD HOPE CENTER IMPROVEMENTS (PA-1-2)**

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G= GENERAL
P= PLUMBING (& Fire Protection)
H= HVAC
E= ELECTRICAL

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012200	Unit Prices	012200	G,P,H,E
012500	Substitution Procedures	012500	G,P,H,E
012600	Contract Modification Procedures	012600	G,P,H,E
012900	Payment Procedures	012900	G,P,H,E
013100	Project Management and Coordination	013100	G,P,H,E
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014000	Quality Requirements	014000	G,P,H,E
015000	Temporary Facilities and Controls	015000	G,P,H,E
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017300	Execution	017300	G,P,H,E
017329	Cutting and Patching	017329	G,P,H,E
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DIVISION 06- WOOD AND PLASTIC

061053	Miscellaneous General Carpentry	0651053	G
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DIVISION 07- THERMAL & MOISTURE PROTECTION

073113	Fiberglass Reinforced Shingles	073113	G
075323	Ethylene-Propylene-Diene-Monomer (EPDM) Roofing	075323	G

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082120	Flush Wood Doors	082120	G

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095123	Acoustical Tile Ceilings	095123	G
096500	Resilient Flooring	096500	G
096513	Resilient Base & Stair Treads	096513	G
096816	Sheet Carpeting	096816	G
099100	Painting	099100	G

DIVISION 10- Specialties

102800	Toilet Room Accessories	102800	G
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DIVISION 12- Furnishings

122113	Horizontal Louver Blinds	122113	G
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DIVISION - 22 - Plumbing

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- E-105 Solar Planes: Electrical Diagram and Schedules
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**BEDFORD HOPE CENTER IMPROVEMENTS AT BEDFORD
DWELLINGS, COMMUNITY PA-1-02
IFB#600-01-17**

ATTACHMENT B

HOUSING AUTHORITY OF THE CITY OF PITTSBURGH

Bedford Hope Center Improvements - (PA-1-02)

HACP Contract No. 600-01-17 G, E, P, H

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	Document 00311	Form of Bid for General Construction (600-01-17 G)
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PART FOUR: TECHNICAL SPECIFICATIONS

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237413	Packaged, Outdoor, Central Station Air Handling Units	237413-1 thru 10

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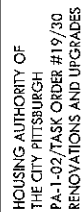
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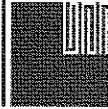
ATTACHMENT C

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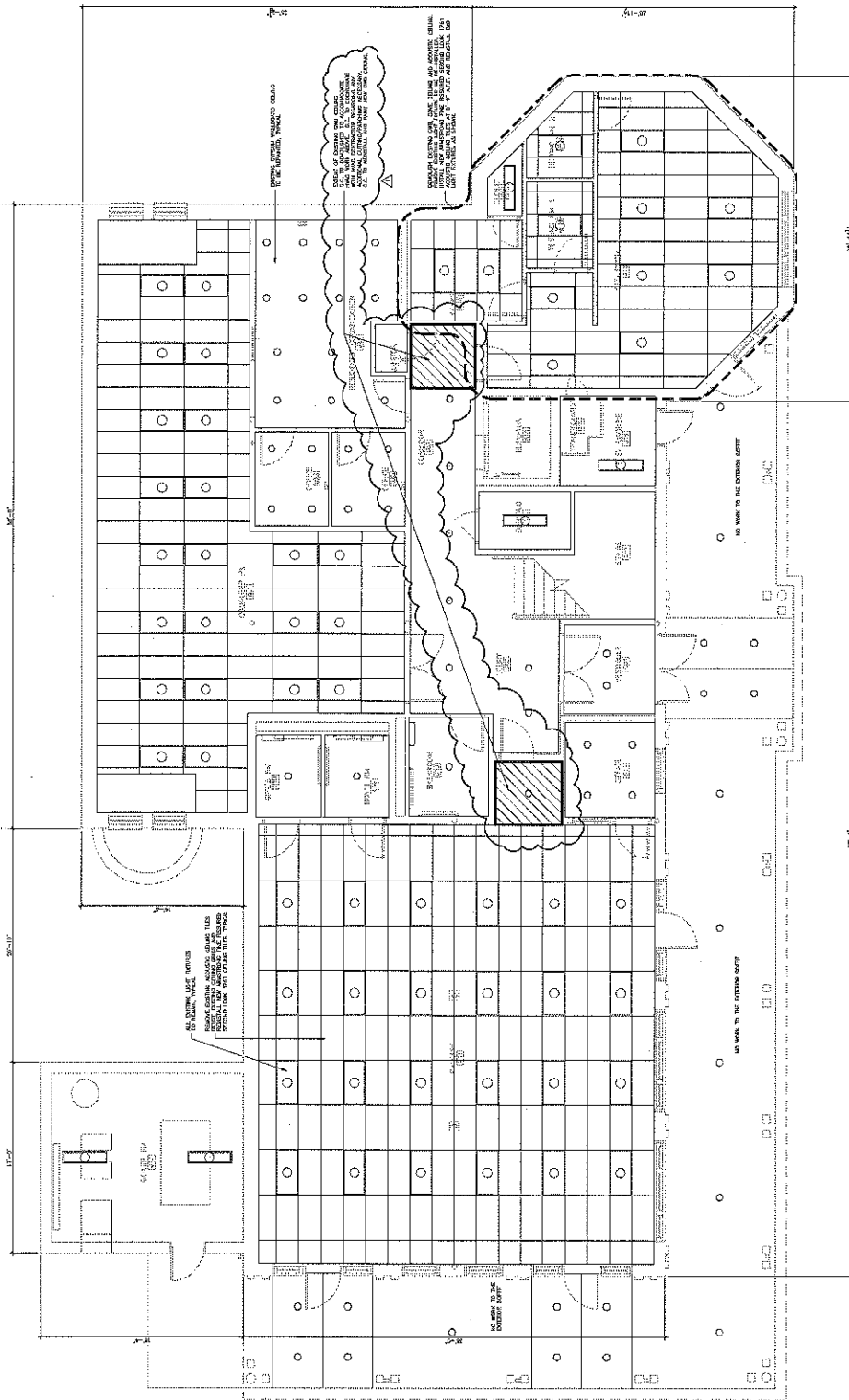
BEDFORD
HOPE CENTER
2305 BEDFORD AVENUE
PITTSBURGH, PA 15219



G E R A R D
ASSOCIATES ARCHITECTS
410 FT PITT COMMONS, 445 FT PITT BLVD
PITTSBURGH, PENNSYLVANIA 15219-1333
PHONE: 412-566-1531 FAX: 412-566-1532

REFLECTED CEILING
PLAN - GROUND FLR

COINS NO.	1448	REFLECTION HT.	Δ	LONG NO.	A-401
INITIALS					



REFLECTED CEILING PLAN - GROUND FLOOR



07-06-2019



Housing Authority of the City of Pittsburgh

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**BEDFORD HOPE CENTER IMPROVEMENTS AT BEDFORD
DWELLINGS, COMMUNITY PA-1-02
IFB#600-01-17**

ATTACHMENT D

