



INVITATION FOR BIDS

FOR

INTERIOR AND EXTERIOR MAKE READY

REPAIRS FOR 12 UNITS AT

DOWNTOWN SCATTERED SITES AND

FISCHER COMMUNITIES

IFB No. 23-913-42

SUBMISSION DATE: THURSDAY, AUGUST 10, 2023

2:00 P.M. CST

PREPARED BY:

**Housing Authority of New Orleans
Procurement and Contracts Department
4100 Touro Street
New Orleans, LA 70122**

ISSUED Friday, July 14, 2023

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IFB INFORMATION AT A GLANCE

[Table No. 2]

AGENCY CONTACT PERSON	Thelma Bowers, Contract Administrator Telephone: (504) 670-3448 E-mail: tbowers@hano.org
HOW TO OBTAIN THE IFB DOCUMENTS ON HANO'S WEBSITE	<ol style="list-style-type: none"> 1. Access www.hano.org. 2. Click on the "Business" tab on the blue taskbar. 3. Click on "Active Solicitations" and go to the specific solicitation. 4. If you have any problems accessing the IFB documents, please contact Procurement at procurement@hano.org.
PRE-BID CONFERENCE/SITE VISIT	Thursday, July 27, 2023 10:30 a.m. via Zoom (https://us02web.zoom.us/j/86237617394?pwd=UVVCRTRHWWpyUXVURG9XUTdqNTICQOT09) Meeting ID: 862 3761 7394; Passcode: 080171
QUESTION SUBMITTAL DEADLINE	Monday, July 31, 2023 at 2:00 p.m.
HOW TO FULLY RESPOND TO THIS IFB BY SUBMITTING A BID SUBMITTAL	<ol style="list-style-type: none"> 1. As directed within Section 3.2.1 of the IFB document, submit proposed pricing, where provided for, within the IFB. 2. As instructed within Section 3.0 of the IFB document, deliver three (3) complete sets (one (1) original clearly marked or stamped "original" and two (2) copies) of the required submittals in a sealed envelope clearly marked with the words "BID Documents" to HANO's Procurement and Contracts Department (address below).
BID SUBMITAL RETURN & DEADLINE	*Thursday, August 10, 2023, at 2:00 p.m Housing Authority of New Orleans Procurement and Contracts Department 4100 Touro Street, New Orleans, LA 70122 Bid Opening: Via Zoom https://us02web.zoom.us/j/89580884050?pwd=UkZ2STdUSm5UVDRMZwtw2NjR01RZz09 Meeting ID: 895 8088 4050; Passcode: 243059

1.0 THE AGENCY'S RESERVATION OF RIGHTS. The Agency reserves the right to:

- 1.1 Right to Reject, Waive, or Terminate the IFB.** Reject any or all bids, to waive any informality in the IFB process, or to terminate the IFB process at any time, if deemed by the Agency to be in its best interests.

- 1.2 **Right to Not Award.** Not to award a contract pursuant to this IFB.
- 1.3 **Right to Terminate.** Terminate a contract awarded pursuant to this IFB, at any time for its convenience upon 10 days written notice to the successful bidder(s).
- 1.4 **Right to Determine Time and Location.** Determine the days, hours, and locations that the successful bidder(s) shall provide the services called for in this IFB.
- 1.5 **Right to Retain Bids.** Retain all bids submitted and not permit withdrawal after bid opening and without the written consent of HANO's Contracting Officer (CO).
- 1.6 **Right to Negotiate.** Negotiate with the apparent, low bidder
- 1.7 **Right to Reject Any Bid.** Reject and not consider any bid that does not meet the requirements of this IFB, including but not necessarily limited to incomplete bids and/or bids offering alternate or non-requested services.
- 1.8 **No Obligation to Compensate.** Have no obligation to compensate any bidder for any costs incurred in responding to this IFB.
- 1.9 **Right to Prohibit.** At any time during the IFB or contract process to prohibit any further participation by a bidder or reject any bid submitted that does not conform to any of the requirements detailed herein.
- 1.10 **Right to Reject - Obtaining Competitive Solicitation Documents.** HANO's website and Procurement Staff are the only official and appropriate means to obtain the IFB documents (and any other information pertaining to this IFB such as addenda). Accordingly, by submitting a response to this IFB the respondent thereby affirms that he/she obtained all information on the website.

2.0 SCOPE OF WORK

The Housing Authority of New Orleans (HANO) is seeking General Contractors to perform interior and exterior "make ready" repairs to 12 units located at the Downtown Scattered Sites and Fischer Housing Communities. The Scope of Work includes, but is not necessarily limited to, all supervision, project management, labor, materials, tools, equipment, temporary facilities, transportation, overtime pay, direct and indirect costs as necessary to complete the "make ready" repairs at the Downtown Scattered Sites and the Fischer Communities in strict accordance with all current City, State and Federal codes, laws, ordinances, etc. as required to complete the Scope of Work noted herein. Units shall be ready for immediate occupancy once a Certificate of Substantial Completion has been issued by HANO.

The scope of work entails removing, replacing installing, and repairing all materials which shall include flooring, walls, ceilings, prep and painting, cabinets, counter tops, electrical, wiring, outlets, switches, plates, lighting, rough and finish plumbing, HVAC systems, sinks, faucets, tub, toilet, bathroom fixtures, kitchen fixtures, appliances, wood trim, doors, hardware, windows, storm door and all necessary components that will make a complete and fully functional unit and ensure the work meets current building construction codes and practices. The contractor

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must field verify all dimensions and quantities.

To schedule a site visit please contact:

Fischer Community:

Brittney Clark
504-512-7358
bclark@hano.org

Downtown Scattered Sites:

Denise Young
504-390-1856
dyoung@hano.org

The Scope of Work for this IFB package includes a total of 12 units at the Downtown Scattered Sites and the Fischer Housing Communities. The addresses are as follows:

Downtown Scattered Sites
1114 Rocheblave
1130 N. Tonti
1870 N. Miro
Fischer Community
1712 Vespasian
1716 Vespasian
1724 Hero
1733 Shepard
1916 Hendee
1924 Hendee
1952 Hendee
2076 Hendee
2100 Hendee

All units included in the Scope of Work are vacant, but the surrounding units are occupied. The Contractor shall ensure that these residents are not inconvenienced to the greatest extent possible and that the workers act in a professional manner.

Time is of the essence and by submitting a bid, prospective bidders are acknowledging that they have a full understanding of the scope of the project and will provide a sufficient work force to ensure the timely completion of the Work. Prospective bidders also acknowledge and agree to mobilize the project the day that the Notice to Proceed is issued. Contractor also acknowledges that HANO reserves the right to reduce the Scope of Work by reducing the number of units in the Contract.

2.1 GENERAL REQUIREMENTS:

NOTE: General Requirements shall apply to **ALL** units in this contract and key notes shall be specific to each unit.

Specific unit needs are reflected in Appendix A.

The General Requirements shall apply to all units included in this Scope of Work and are to be included in the Lump Sum Work unless specifically noted otherwise.

Definitions. For the purpose of this IFB the following definitions apply:

- a. "Day". A Day is defined as one calendar day.
 - b. "Procure/Provide". Procure/Provide and their derivatives mean to provide all necessary materials, and to perform all direct work and ancillary work required to complete a given task and includes paying for all costs and fees associated with this task.
 - c. "Repair/Replace". Repair/Replace and their derivatives mean to repair a given element of work when possible; to replace it with a similar item when it cannot be repaired.
 - d. "Remove". Items with this designation are to be removed and properly disposed of off-site.
 - e. "Work Area". The Work Area is limited to the unit in which the work is being completed plus the assigned staging area at each site.
- B. "Crew". For the purpose of this IFB, a crew is defined as the number of Contractor personnel of various trades as required to complete a given building. All Work shall be performed in strict accordance with all current City, State, and Federal codes, laws, and ordinances.
- C. The Contractor shall procure all necessary permits and licenses, and pay all fees, taxes (except sales taxes) required to complete the Work. The Scope of Work presumes that a building permit will not be required. However, any and all ancillary permits pertinent to the project shall be the responsibility of the Contractor to procure.
- D. The Contractor shall be responsible for coordinating and calling for any and all inspections by the governing authorities having jurisdiction over the project as may be required.
- E. All Work shall be performed in a neat, workman-like manner.
- F. The performance of the Work shall be limited to the hours between 7:00 AM and 5:00 PM on weekdays, and 8:00 AM to 5:00 PM on weekends; or as may otherwise be limited by City ordinance. Should Work be required outside these limits, written approval must be obtained from Property Management and HANO one full business day prior to commencing any such Work.
- G. Respondents wishing to submit a proposal shall visit the site and shall field verify all existing dimensions and conditions prior to submitting a proposal. The date for the initial site visit will be established in the IFB package.
- H. Parking of Contractor vehicles is restricted to legal street parking and the driveways of the individual units included in the Scope of Work. **DO NOT USE OR BLOCK THE RESIDENT'S DRIVEWAYS.** Violators will be subject to having their vehicles towed at the expense of the Contractor via a deductive change order if necessary, including a 10% or \$25 administrative fee (whichever is greater).
- I. Property Management and HANO will designate a portion of each site for use as individual staging areas for the contractor working on the project. As a condition of using this area, the Contractor agrees to the following:
- a. The area must be returned to its original or better condition upon completion of the project. Final payment will not be made until the restoration work has been completed and accepted by HANO.
 - b. Contractors shall keep the area clean and free from trash and debris.
- J. The Contractor shall keep the entire Work Area in a clean and orderly manner. Windborne trash and debris from the work area is the responsibility of the Contractor to control. Trash and debris shall

be removed daily unless contained in an approved dumpster. Dumpsters shall be located on the street or in the Contractor's assigned staging area. Contractor shall pay all fees that may be associated with the use of the dumpsters. All trash and debris shall be disposed of in a legal manner. The Contractor shall be responsible for policing its dumpsters. Neither Property Management nor HANO accepts any responsibility for misuse of the Contractor's dumpsters by anyone.

K. The Contractor shall provide a full-time Project Superintendent who is knowledgeable and skilled in this type of construction, with a minimum of 5 years' experience as a lead project superintendent. The Project Superintendent shall be on the project site whenever Work is being performed. The Superintendent shall represent the Contractor in his absence, and all directions given to the Superintendent shall be binding as if given directly to the Contractor. The Contractor shall not change the Superintendent without approval from HANO, which will not be unreasonably withheld.

L. The Contractor shall provide a full-time Project Manager who is knowledgeable and skilled in this type of construction, with a minimum of 5 years' experience. The Project Manager shall represent the Contractor in his absence, and all directions given to the Project Manager shall be binding as if given directly to the Contractor. The Contractor shall not change the Project Manager without approval from HANO, which will not be unreasonably withheld.

M. The Contractor shall protect the existing building elements and components designated to remain. Any and all damage to these elements and components resulting from the Contractor's activities shall be repaired or replaced at the Contractor's expense. Should the Contractor fail to complete such remedial work in a timely fashion and in a manner acceptable to HANO, HANO will complete this work and back charge the Contractor via a deductive change order, including a 10% or \$25 administrative fee (whichever is greater).

N. The storage of hazardous or flammable materials is strictly prohibited on the project site.

O. Burning of trash and debris on site is strictly prohibited.

P. Davis Bacon Wage Rates shall apply to all workers on the site. The Contractor shall submit certified payrolls weekly in LPC Tracker and as required by HANO Guidelines. This also applies to all subcontractors.

Note: As required by the US Department of Labor (DOL), all payments to employees on the Contractor/Subcontractor payrolls must show deductions subtracted from the payments. The Contractor may not use tax form 1099 in lieu of showing the deductions. All subcontractors shall submit their own certified payrolls.

Q. The Contractor shall provide a one-year warranty for its Work from the Date of Final Completion for the entirety of the Work under this Contract. This includes all HVAC equipment and appliances. For existing building components and equipment that was re-installed, the one-year warranty applies only to the reinstallation.

R. The contractor shall be responsible for collecting, completing, and submitting all documents required for any item that requires warranty submission to the manufacturer.

S. The Contractor is solely responsible for the initiation, establishment, and maintenance of all safety programs associated with the performance of the Work. This includes all safety and health management programs associated with the COVID-19 pandemic in effect as of the date that bids are submitted.

T. Smoking, vaping, eating and/or drinking (except for water) in the units is strictly prohibited.

U. The use of alcoholic beverages and/or illegal drugs is strictly prohibited anywhere on HANO property. Violators will be subject to being banned from the Project. Banned violators that return the site will be considered trespassing and will be subject to arrest and prosecution under the full extent of the law.

V. The Contractor shall properly store all materials designated for use on the Project Site in strict accordance with the Project Specifications and manufacturers' written instructions. In case of conflicts between the Specifications and the manufacturer's instructions, the stricter requirements shall apply. The storage of materials is limited to the Work Area and the staging area assigned to the Contractor.

W. The Contractor may use existing water and power within the units for the sole purpose of performing the Work. Contractors shall use their best effort not to waste water and/or power. Should it be determined that the Contractor is not properly managing the use of HANO's water and/or power, HANO reserves the right to seek an equitable adjustment to the cost of these utilities. Should this occur, a deductive change order will be issued, including a 10% or \$25 administrative fee (whichever is greater).

X. Contractor shall always maintain the security of the unit. This includes providing security personnel as may be necessary. The Contractor shall ensure that the buildings are secured after hours and on non-working days.

Y. The Contractor is prohibited from allowing anyone, worker or not, from living in the units at any time.

Z. The Contractor's Project Manager and Project Superintendent shall attend a weekly progress meeting, which will be held at the Unit in which the work is being performed. The time and dates for this meeting will be determined at the Preconstruction Conference.

AA. Contact information for Property Management and HANO will be distributed at the Preconstruction Conference.

BB. Contractors shall treat the buildings within its Scope for vermin, including but not necessarily limited to rodents, ants, termites, and roaches as part of the punch list for Substantial Completion.

CC. The Contractor is required to file the contract with the New Orleans Clerk of Court and provide documentation of contract recordation prior to the submission of the first Pay Application. Once the project is complete the contractor will require to get a Clear Lien and Privilege Certificate form the same department.

DD. The Contractor will inspect the entire electrical system to assure it's in proper working condition and will meet current code. Repair or replace all necessary parts as needed (outlets, switches, wiring, breakers, panel box, etc.). The contractor shall replace **all** switches and outlet plates. Match existing in style and color.

EE. The contractor will inspect the entire plumbing system to assure it's in proper working condition and will meet current code. Repair or replace all necessary parts as needed (Sinks, faucets, drain lines, vent lines, water pipes, cut off valves, etc.) to ensure a complete and fully functionally fixture. Also, as needed rod all drains lines to assure no blockage, trash or debris is in the line.

FF. The contractor will replace wherever exposed new insulation at all exterior walls, party walls, and plumbing walls. Match existing.

GG. The contractor will remove all carpet, vinyl and/or laminated flooring and old glue throughout unit. Note: There may be several layers of flooring and the contractor will be responsible for removing all layers to existing concrete or wood flooring. The contractor shall prep floors as recommended by the manufacturer to accept new flooring. Remove all shoe molding and replace it with new ones. Match existing. Replace any rotted or termite damaged wood base molding and replace with new. Match existing in size and style.

HH. The contractor will furnish and install new Shaw Repose 7" x 48" vinyl plank floor tile or approved equivalent flooring throughout entire unit except for bathrooms which are ceramic tiles. Install new transition strip wherever needed. Style and color shall be selected by Owner. All flooring shall be cleaned as per manufacturer's recommendation.

II. The contractor shall thoroughly clean and repair/replace all ceramic floor and wall tiles and threshold in **ALL** bathrooms. Match existing in size, style, and color.

JJ. The contractor shall thoroughly clean the entire unit of **ALL** furniture, trash, grease, dirt, dust, debris, smoke stains, graffiti, mirrors, nails, tacks, screws, tape, stickers, etc. from all surfaces to include walls, ceilings, trim, windows, doors, etc. Apply an odor and stain blocking primer to ALL surfaces to ensure all stains are eliminated. Apply enough coats to ensure proper coverage.

KK. The contractor will repair or replace as necessary **ALL** damaged and missing drywall on walls and ceilings throughout unit. Use water resistant drywall on all wet walls. Use the fire rated

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drywall at all ceilings, party, and stairwell walls. Tape, float, and texture all surfaces to prepare for paint. Ensure that **ALL** walls and ceilings have a smooth and even finish prior to painting. Match existing in finish.

LL. The contractor will prep, prime, and paint all surfaces to include all walls, ceilings, wood trim, (standing and running), doors, base, shoe molding, etc. (one (1) prime coat and two (2) finish coats. Walls and Ceilings to receive a semi-gloss and all doors and trim high gloss. (Color to be selected by site staff). Note: Each unit may require several colors.

MM. The contractor will clean, prep, and paint the exterior, interior and sides of **ALL** entry doors and all door wood trim as required per scope. Match existing type of paint/stain, color, and finish.

NN. The contractor shall inspect and make all necessary repairs to ensure all windows are in proper working condition. Replace all damaged or broken panes, glass, locks, balances, and screens. Match existing.

OO. The contractor will replace **ALL** window and door blinds as required per scope. Match existing in size, style, and color.

PP. The contractor will repair or replace **ALL** damaged interior doors and jambs as required per scope. Match existing in size style and finish. Note: The interior doors type sizes vary per unit.

QQ. The contractor will furnish and install **ALL** new wood base and wall cabinets, countertop, sink, faucet & necessary plumbing to make a complete installation as required per scope. Match existing layout (color and style to be selected by site staff). Note: If the unit is equipped with a garbage disposal, then the contractor shall replace it with a new one.

RR. The contractor will repair or replace all damaged wood trim (standing and running) throughout the unit. Baseboards, shoe molding, window trim, stool & apron, door trim, etc. Match existing in size, style, and grade. Caulk, prep, prime, to prepare for painting.

SS. The contractor will treat the entire unit for all types of insects. Roaches, spiders, ants etc.

TT. The contractor will replace smoke detectors throughout units. All smoke detectors shall be hard wired and synchronized. Install carbon monoxide detectors in any fuel sources unit.

UU. The contractor will replace the complete toilet in bathrooms with the American Standard Cadet 3 FloWise Tall Height 2 piece 1.28 GPF High Efficiency Elongated Toilet with Slow Close wood seat or approved equal. Replace all components (wax ring, bolts, etc.) necessary to make a complete installation as required per scope of work. Color shall be selected by Hano.

VV. Furnish and install new wood bathroom cabinet and vanity top & necessary plumbing to include (faucet, water & drain lines, etc.) in all bathrooms to make a complete installation as required per scope of work. Match existing in size, style, and finish. (Color to be selected by Hano staff).

WW. The contractor will replace all bathroom accessories. (Towel bars, toilet seats, toilet paper holder, shower rod, mirrors, medicine cabinet, etc.) as required per scope of work.

XX. The contractor will ensure that all bathroom ceramic tile & grout are completely cleaned as required per scope of work.

YY. The contractor will replace the water heater in each unit and ensure it's in proper working condition and meets the current code as required per scope of work.

ZZ. The contractor will repair or replace as needed all shelving and closet rods in closets throughout the unit. Match existing in size, style, and finish as required per scope of work.

AAA. The contractor will replace the central HVAC system with a new Goodman 16 seer cooling and heating system (or approved equal) and all necessary components to make a complete and fully functional system and to convert the existing system to accept the newest code required refrigerant as required per scope of work. All controls, power connections, existing supply and return ductwork and appurtenances shall be retained for re-connection with the new units. Any additional adjustments or components not listed herein which are required to complete the installation is solely the contractor's responsibility. The contractor will replace the thermostat with a new one.

BBB. The contractor will replace any a/c register vents and return air grill throughout unit. Match existing in size, style, and color as required per scope of work.

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CCC. The contractor will replace the doorbell system to ensure it is in proper working condition. (Chimes, button, wire, transformer, etc.) Match existing.

DDD. The contractor will replace all damaged, rusted or missing interior hardware to include door locks, hinges, door stops, ball catches, etc. as required per scope of work. Match existing in size and style, grade, and color. The contractor will install new wall door stops wherever possible and caulk.

EEE. The contractor will clean all appliances that are included in the scope of work to be cleaned. HANO to provide the size, style, and color.

FFF. Furnish and install new stainless steel back splash behind all stoves in each unit as required.

GGG. The contractor will install new smoke detectors in the units as required. Match existing in size and style.

HHH. Furnish and install new threshold, weather strip and door sweep at **All** exterior doors as required.

III. The contractor shall provide All new medium grade electrical fixtures to include light fixtures, can lights and trim, heater vent light, ceiling fans, doorbell, etc as required per scope of work. Match existing in size and style. Replace all light bulbs in the unit with a new LED bulb. Contractor shall provide 3 medium grade sample fixtures which HANO will select from.

JJJ. Microbial Growth Remediation. The Contractor shall be responsible for removing all signs of microbial growth throughout the unit. Contractor shall apply an approved microbial removal solution everywhere this type of growth is found. All efforts shall be made to remove this growth from the surfaces of building components where found. Where the growth cannot be removed, the affected building component shall be removed, and additional application of the removal solution shall be applied. The contractor shall replace the affected building component with new materials. The contractor shall provide a submittal of the proposed solution to be used for this remediation.

KKK. Install new paint-grade finger-jointed wood base and wood quarter-round shoe molding throughout the unit. Profile and height of new base shall be like the existing base. Contractor shall provide a sample of the new base for review by HANO. Base shall be back primed prior to installation.

LLL. Perform remedial work to damaged drywall. The new wallboard shall be a 5/8-inch gypsum wallboard. All drywall work, including patchwork, shall be in strict accordance with the ASTM Standard Specification for Application and Finishing of Gypsum Board. Finish of patch shall match adjacent finish, which is light orange peel.

MMM. All paint products shall be Sherwin-Williams Durations Interior Acrylic Latex or approved equal.

NNN. Flooring. Apply floor leveler as required to level plywood or concrete subflooring as required to meet the manufacturer's specifications regarding subflooring preparation. This includes removal of old adhesives. The Contractor shall install transition strips as required to ensure an even and smooth transition. Note: The installation of the new subflooring and flooring may affect the swing of the doors. Should this occur, the Contractor shall include undercutting the doors as required to accommodate the new flooring. Undercut door bottoms shall receive one primer coat of paint.

OOO. Stair Treads and Risers. The contractor shall Install new oak treads with a stain finish. Color to be selected by HANO.

PPP. Install new weatherstripping at all exterior doors. Weatherstripping shall be like McKinney Weatherstripping Products or approved equal. Installation shall be in strict accordance with the manufacturer's instructions. Install new thresholds at all exterior doors. Thresholds shall be like McKinney Weatherstripping Products or approved equal. Installation shall be in strict accordance with the manufacturer's instructions.

QQQ. Specialties. Install a new UL rated 2-A:10-B:C fire extinguisher in all units. Fire extinguishers shall be mounted on the wall as designated by HANO.

RRR. Plumbing. Replace all faucets throughout unit to include kitchen, bathtub and vanity plumbing fixtures and trim including associated plumbing such as shut-off valves and piping. The plumbing is to be adjusted accordingly.

SSS. Install new porcelain-enameled steel tub(s) with cultured marble surrounds at all full bathrooms and associated plumbing to make a complete and fully function tub as required per scope of work.

TTT. Electrical. Install new replacement lighting fixtures, ceiling fan with light kit, new electrical devices & wall switches with new plates. All devices and device plates shall be ivory color. Install new smoke/CO detectors. Re-lamp all existing lighting fixtures to remain with LED lamps as required per scope of work.

UUU. **Submittals.** Submittals shall be limited to product data for those items which are new items. These include:

- a. New appliances
- b. New casework
- c. New HVAC equipment
- d. New plumbing fixtures
- e. New lighting fixtures
- f. New door hardware, including thresholds and weatherstripping.
- g. Bath accessories
- h. Paint products
- i. New wood base and shoe molding

Work that requires that submittals be provided shall not begin until HANO has reviewed and approved the submittal. Two weeks shall be allotted in the Contractor's schedule for the review of submittals.

VVV. **Schedule and Sequence of Work**

It shall be the responsibility of the Contractor to properly schedule the Work such that the Contract Completion Date is met. A preliminary schedule shall be provided for review no later than the Preconstruction Conference. **The Project Duration shall not exceed 180 days from the date of the Notice to Proceed, including the 45-day L&P period.** Contractor shall provide a "two-week look ahead" schedule for review at the weekly progress meetings. Schedule shall include all overtime that may be required to complete the project on time.

WWW. **Schedule of Values & Applications for Payment**

- a. Schedule of Values (SOV). The SOV shall be broken down as follows;
 - i. Overall General Conditions including % of Direct Cost (not to exceed 6% of Direct Costs)
 - ii. Overall Overhead including % of Direct Cost (not to exceed 2% of Direct Costs)
 - iii. Overall Fee including % of Direct Cost (not to exceed 6% of Direct Costs)
 - iv. Total Bond & Insurance
 - v. Total Mobilization & Demobilization. (Provide backup documentation for Mobilization & Demobilization costs.)
 - vi. Direct Costs broken out by individual units, and shall include all the Work as described in the Scope of Work with each major task as an individual line item. HANO reserves the right to require additional breakdown as may be deemed necessary.
 - vii. The total shall equal the Contract Sum.
 - viii. The SOV shall be provided to HANO within ten (10) days of the Bid Date.
- b. Applications for Payment (AFP)
 - i. AFP shall be submitted as defined in the Supplemental Conditions
 - ii. A draft copy of the AFP will be reviewed during the regularly scheduled weekly progress meeting. This will be further clarified and dates established during the Preconstruction Conference.

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XXX. Substantial Completions & Final Acceptance

- a. Due to the nature of the project, and regardless of what might be stated elsewhere in the Contract Documents, a Certificate of Substantial Completion will be provided as each unit is substantially completed. For the purpose of this IFB, Substantial Completion is defined as “when a given unit has been completed such that it may be used for the purpose for which it is intended, and the punch list has been completed”. Each Certificate of Substantial Completion shall be filed with the Orleans Parish Recorder of Mortgages. Upon completion of the entire project, a Final Acceptance letter will be issued. All warranties shall begin on the Date of Final Acceptance.
- b. Once the Certificate of Substantial Completion has been issued for a given unit, it will be subject to immediate occupancy.
- c. Final Acceptance shall not occur prior to the Contractor’s submitting a clear L&P certificate.

3.0 BID SUBMITTALS.

[Table No. 3]

(1) IFB Section	(3) Description
3.1.1	Form of Bid. This Form must be fully completed, executed where provided thereon and submitted as a part of the bid submittal.
3.1.2	Form HUD 5369-A (8/93), <i>Certifications and Representations of Bidders, Construction Contract.</i> This Form is attached hereto as Attachment 9 to this IFB document. This form must be fully completed, executed where provided thereon and submitted under this tab as a part of the bid submittal. Attachment E
3.1.2.1	Form HUD SF-LLL Disclosure of Lobbying Activities. This Form is attached hereto as Attachment B-1 to this RFP document. This form must be fully completed, executed where provided thereon and submitted under this tab as a part of the proposal submittal.
3.1.2.2	Form HUD-50071 Certification of Payments to Influence Federal Transactions This Form is attached hereto as Attachment B-2 to this RFP document. This form must be fully completed, executed where provided thereon and submitted under this tab as a part of the proposal submittal.
3.1.2.3	Form HUD-50070 Certification for a Drug-Free Workplace This Form is attached hereto as Attachment B-3 to this RFP document. This form must be fully completed, executed where provided thereon and submitted under this tab as a part of the proposal submittal.
3.1.3	Profile of Firm Form. The Profile of Firm Form is attached hereto as Attachment C to this IFB document. This 2-page Form must be fully completed, executed, and submitted as a part of the bid submittal.

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3.1.4	Equal Employment Opportunity/Supplier Diversity. The bidder must submit a copy of its Equal Opportunity Employment Policy and a complete description of the positive steps it will take to ensure compliance, to the greatest extent feasible, with the regulations detailed within the following Section 3.6 herein pertaining to supplier diversity (i.e., small, minority-, and women-owned businesses).
3.1.5	Acknowledgement of Addenda. Please check HANO’s website under “Business” and “Active Solicitations” to confirm that you have read and acknowledged in writing all addenda issued and submit your acknowledgment of each addendum on Attachment H.
3.1.6	Entry of Proposed Fees, Louisiana Uniform Public Work Bid Form This bidder must submit their proposed fees on this form. The total base bid is inclusive of all fees associated with this project. Attachment I.
3.1.7	Certification of Contractor Non-Exclusion Attachment J
3.1.8	Subcontractor/Joint Venture Information. The bidder shall identify whether or not he/she intends to use any subcontractors for this job, if awarded, and/or if the bid is a joint venture with another firm. Please remember that all information required from the bidder under the preceding submittals must also be included for any major subcontractors (10% or more) or from any joint venture.
3.1.10	Vendor Registration Form Attachment L
3.1.11	Bid Bond. All bids must be accompanied by a bid guarantee at the time of submission, which shall be in the form of a certified check, cashier’s check, or bid bond for not less than five percent of the contract price of work to be done, as evidence of good faith of the bidder. (REQUIRED) Attachment M
3.1.12	Statement of Bidder’s Qualifications. This form must be submitted as a contributor to determining whether the bidder is responsible. Attachment P
3.1.13	Corporate Resolution. This form or a similar form must be submitted authorizing the signature of the bidder on behalf of the business. Attachment R

3.2 Entry of Proposed Fees.

3.2.1 *A lump sum fee shall be submitted on the Louisiana Uniform Public Work Bid Form only (Attachment I). This form must bear an original signature. Do not refer to any of your fees or costs on other submittals.*

3.2.2 **Pricing Items.** The base bid is all-inclusive of the lump sum work for all related costs

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that the successful bidder will incur to provide the noted goods and services, including, but not limited to employee wages and benefits; clerical support; overhead; profit; licensing; insurance; materials; supplies; tools; equipment; long distance telephone calls; travel expenses; document copying not specifically agreed to by the Agency; etc.

Bidders shall visit the project site prior to submitting a bid to familiarize themselves with the project. By submitting a bid, bidders acknowledge that they have visited the project site and are completely familiar with existing conditions and the full Scope of Work. Failure to properly assess the full Scope of Work will not be cause for an increase in the Contract Price and/or Time.

[Table No. 4]

(1) IFB Section	(2) Designation:	(3) Total Cost:
Appendix A & B	Lump Sum Cost for Interior and Exterior Make Ready Repairs for 12 Vacant Units at DT SS and Fischer Communities	
Total Base Bid		\$

3.3 Additional Information pertaining to the preceding listed Pricing Items.

- 3.3.1 **Manufacturer/Brand Names.** Wherever HANO specifies the name of a certain brand, make, manufacturer, or uses a definite specification, they are used only to denote the quality standard of product desired, and they do not restrict bidders to the specific brand, make, manufacturer, or specification named. They are used only to set forth and convey to prospective bidders the general style, type, character, and quality of product desired. Equivalent products may be acceptable.
- 3.3.2 **Price Escalation.** Pertaining to the ensuing contract, there shall be no escalation of the proposed unit costs allowed at any time during the awarded contract.
- 3.3.3 **Prior Approval Required.** Please note that the successful bidder shall NOT conduct any additional work without the prior written authorization of the Agency representative (which will occur, at the Agency’s discretion, via delivery of a Notice to Proceed and/or a signed Change Order, which may take the form of an e-mail). Failure to abide by this directive shall release the Agency of any obligation to pay the successful bidder for any work conducted without the noted prior written authorization.
- 3.3.4 **No Deposit/No Retainer.** The Agency will NOT pay any retainer fees as a result of award of the ensuing contract. This means that the Agency will pay the successful bidder for actual work performed only and pertaining to the fixed fee Pricing Item.

- 3.4 **Bid Submission.** All submittals must be submitted in a sealed enclosure and all bids must be submitted and time-stamped received in the designated Agency office by no later than submittal deadline stated herein (or within any ensuing addendum). A total of 1 original signature copy (marked "ORIGINAL") and 2 copies of the "hard copy" bid submittal, shall be placed in a sealed package, and addressed to:

**Housing Authority of New Orleans
Procurement and Contracts Department
Attn: Bejide Legania, Procurement Manager
4100 Touro Street
New Orleans, Louisiana 70122**

- 3.4.1 **Exterior of Submittal Package.** The package exterior must clearly denote the above noted IFB number and must have the bidder's name, return address, state of Louisiana Contractor's License number and date and time bids are due. Bids received after the published deadline will not be accepted.
- 3.4.2 **Submission Conditions.** DO NOT FOLD OR MAKE ANY ADDITIONAL MARKS, NOTATIONS OR REQUIREMENTS ON THE DOCUMENTS TO BE SUBMITTED! Bidders are not allowed to change any requirements or forms contained herein, either by making or entering onto these documents or the documents submitted any revisions or additions; and if any such additional marks, notations or requirements are entered on any of the documents that are submitted to the Agency by the bidder, such may invalidate that bid. If, after accepting such a bid, the Agency decides that any such entry has not changed the intent of the bid that the Agency intended to receive, the Agency may accept the bid and the bid shall be considered by the Agency as if those additional marks, notations or requirements were not entered on such. By accessing and downloading these documents, each prospective bidder that does so is thereby agreeing to confirm all notices that the Agency delivers to him/her as instructed, and by submitting a bid, the bidder is thereby agreeing to abide by all terms and conditions published herein and by addendum pertaining to this IFB.
- 3.4.3 **Submission Responsibilities.** It shall be the responsibility of each bidder to be aware of and to abide by all dates, times, conditions, requirements and specifications set forth within all applicable documents issued by the Agency, including the IFB document, the documents listed within the following Section 3.8 herein, and any addenda and required attachments submitted by the bidder. By virtue of completing, signing, and submitting the completed documents, the bidder is stating his/her agreement to comply with all conditions and requirements set forth within those documents. Written notice from the bidder not authorized in writing from HANO to exclude any of the Agency requirements contained within the documents may cause that bidder to not be considered for award.
- 3.5 **Bidder's Responsibilities – Contact with the Agency.** It is the responsibility of the bidder to address all communication and correspondence pertaining to this IFB process to the

HOUSING AUTHORITY OF NEW ORLEANS, LA

Procurement staff only. Bidders must not make inquiry or communicate with any other Agency staff member or official (including members of the Board of Commissioners pertaining to this IFB. Failure to abide by this requirement may be cause for the Agency to not consider a bid submittal received from any bidder who may not have abided by this directive.

3.5.1 Addenda. All questions and requests for information must be addressed in writing to **Thelma Bowers, Contract Administrator, at tbowers@hano.org**. Procurement will respond to all such inquiries in writing by addendum to all prospective bidders (i.e., firms or individuals that have obtained the IFB Documents). Bidders must provide written acknowledgement of addenda with their submissions.

3.6 Bidder’s Responsibilities – Equal Employment Opportunity and Supplier Diversity. Both the Contractor and the Agency have, pursuant to HUD regulation, certain responsibilities pertaining to the hiring and retention of personnel and subcontractors.

3.6.1 Within 2 CFR §200.321 it states:

3.6.1.1 Contracting with small and minority businesses, women's business enterprises, and labor surplus area firms.

3.6.1.2 (a) The non-Federal entity must take all necessary affirmative steps to assure that minority businesses, women's business enterprises, and labor surplus area firms are used when possible.

3.6.1.3 (2) Affirmative steps must include:

3.6.1.3.1 (1) Placing qualified small and minority businesses and women's business enterprises on solicitation lists;

3.6.1.3.2 (2) Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;

3.6.1.3.3 (3) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority business, and women's business enterprises;

3.6.1.3.4 (4) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority business, and women's business enterprises;

3.6.1.3.5 (5) Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business

Development Agency of the Department of Commerce;
and

- 3.6.1.3.6 (6) Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed in paragraphs (1) through (5) of this section.

3.6.2 Within HUD Procurement Handbook 7460.8 REV 2 it states:

3.6.2.1 **Section 15.5.A, Required Efforts.** Consistent with Presidential Orders 11625, 12138, and 12432, the <Agency> shall make every effort to ensure that small businesses, MBEs, WBEs, and labor surplus area businesses participate in <Agency> contracting.

3.6.2.2 **Section 15.5.B, Goals.** <The Agency> is encouraged to establish goals by which they can measure the effectiveness of their efforts in implementing programs in support of . . . contracting with disadvantaged firms. It is important to ensure that the means used to establish these goals do not have the effect of limiting competition and should not be used as mandatory set-aside or quota, except as may otherwise be expressly authorized in regulation or statute. Some localities have adopted minority contracting set-aside policies or geographic limitations, which may be in conflict with Federal requirements for full and open competition.

3.6.3 Within HANO's Procurement Policy it states that our Agency will:

3.6.3.1 **Assistance to Small and Other Business, Required Efforts:**

3.6.3.1.1 Including such firms, when qualified, on solicitation mailing lists;

3.6.3.1.2 Encouraging their participation through direct solicitation of bids or bids whenever they are potential sources;

3.6.3.1.3 Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by such firms;

3.6.3.1.4 Establishing delivery schedules, where the requirement permits, which encourage participation by such firms;

3.6.3.1.5 Using the services and assistance of the Small Business Administration, and the Minority Business Development Agency of the Department of Commerce;

and,

3.6.3.1.6 Requiring prime contractors, when subcontracting is anticipated, to take the positive steps listed above.

3.6.4 Requirements. Accordingly, please see HANO'S Employment, Training, and Contracting Policy attached which details the information pertaining to this issue that the bidder must submit in response to this bid showing compliance, to the greatest extent feasible, with these regulations.

3.7 Pre-bid Conference. A pre-bid conference is scheduled for Tuesday, March 21, 2023, at 10:30 a.m. via Zoom (Meeting ID: 843 8583 4793; Passcode: 415501). A site visit at the Florida Housing Community will immediately follow the pre-bid conference.

3.8 Recap of Attachments. It is the responsibility of each bidder to verify that he/she has received the following attachments pertaining to this IFB, which are included as a part of this IFB:

[Table No. 5]

(1) IFB Section	(2) Document No.	(3) Attachment	(4) Description
3.8.1	1.0		This IFB Document
3.8.2	2.0		"No-Bid" Response Form
3.8.3	3.0	A	Form of Bid
3.8.4	4.0	B	Form HUD-5369 (10/2002), <i>Instructions to Bidders for Construction Contracts Public and Indian Housing</i>
3.8.5	5.0	B-1	Form SF-LLL <i>Disclosure of Lobbying Activities</i>
3.8.6	6.0	B-2	Form HUD-50071 (01/14), <i>Certification of Payments to Influence Federal Transactions</i>
3.8.7	7.0	B-3	Form HUD-50070 (01/14), <i>Certification for a Drug-Free Workplace</i>
3.8.8	8.0	C	Profile of Firm Form
3.8.9	9.0	D	Section 3 Business Preference Form
3.8.10	10.0	E	Form HUD-5369-A (11/92), <i>Representations, Certifications, and Other Statements of Bidders</i>
3.8.11	11.0	F	<i>Supplemental Conditions for Bidders & Contractors (SIPC)</i>
3.8.12	12.0	G	HUD-5370 (01/2014), <i>General Conditions for Construction Contracts</i>
3.8.13	13.0	H	Acknowledgement of Addenda

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3.8.14	14.0	I	Entry of Proposed Fees, <i>Louisiana Uniform Public Work Bid Form</i>
3.8.15	15.0	J	Certification of Contractor Non-Exclusion
3.8.16	16.0	K	E-Verification Affidavit (Only required to be submitted post-bid by the awarded bidder)
3.8.17	17.0	L	Vendor Registration Form
3.8.18	18.0	M	Bid Bond Sample Form
3.8.19	19.0	N	Performance Bond Sample Form (Only required post-bid by the awarded bidder)
3.8.20	20.0	O	Davis Bacon Wage Rates
3.8.21	21.0	P	Employment, Training and Contracting Policy
3.8.22	22.0	Q	Statement of Bidder's Qualifications
3.8.23	23.0	R	Corporate Resolution

3.9 BID RESULTS.

3.9.1 Notice of Bid Award. If an award is completed, all bidders will receive by e-mail either a Notice of Award or Notice of Regrets. Such notice shall inform all bidders of:

- 3.9.1.2 Which bidder received the award;
- 3.9.1.3 Where each bidder placed in the process as a result of the evaluation of the bids received;
- 3.9.1.4 The cost or financial offers received from each bidder;
- 3.9.1.5 Each bidder's right to a debriefing and to protest.

3.9.2 Restrictions. All persons having familial (including in-laws) and/or employment relationships (past or current) with principals and/or employees of a bidder entity will be excluded from participation on the Agency evaluation committee. Similarly, all persons having ownership interest in and/or contract with a bidder entity will be excluded from participation on the Agency evaluation committee.

4.0 CONTRACT AWARD.

4.1 Contract Award Procedure. If a contract is awarded pursuant to this IFB, the following detailed procedures will be followed:

- 4.1.1 By completing, executing and submitting a bid, the "bidder is thereby agreeing to abide by all terms and conditions pertaining to this IFB as issued by the Agency," including the contract clauses already attached in Attachment G. Accordingly, the

Agency has no responsibility to conduct after the submittal deadline any negotiations pertaining to the contract clauses already published.

4.2 Contract Conditions. The following provisions are considered mandatory conditions of any contract award made by HANO pursuant to this IFB:

4.2.1 Contract Form. The Agency will not execute a contract on the Contractor's form – contracts will only be executed on the Agency's form (please see standard contract clauses on Attachment F and G each attached hereto), and by submitting a bid the Contractor agrees to do so (please note that HANO reserves the right to amend this form as the Agency deems necessary). However, the Agency will during the IFB process (prior to the posted question deadline) consider any contract clauses that the bidder wishes to include therein and submits in writing a request for the Agency to do so; but the failure of the Agency to include such clauses does not give the Contractor the right to refuse to execute the Agency's contract form. It is the responsibility of each prospective bidder to notify the Agency, in writing, prior to submitting a bid, of any contract clause that he/she is not willing to include in the final executed contract and abide by. The Agency will consider and respond to such written correspondence, and if the prospective bidder is not willing to abide by the Agency's response (decision), then that prospective bidder shall be deemed ineligible to submit a bid.

4.2.1.1 Mandatory HUD Forms. Please note that HANO has no legal right or ability to (and will not) at any time negotiate any clauses contained within ANY of the HUD forms included as a part of this IFB.

4.2.1.2 E-Verify Affidavit. The Contractor must certify compliance with Louisiana's E-Verify requirements, in that the Contractor is registered, uses, and will continue to use the E-Verify, Federal Work Authorization Program throughout the contract period. This Form is attached hereto as Attachment G-4 to this IFB document. This 1-page Form will be fully completed and executed where provided thereon by the successful bidder and will be a part of the ensuing contract (NOTE: It is NOT necessary to complete and submit this form as a part of the bid submittal – only the awarded bidder(s) will be required to do so as a part of the contract execution).

4.2.2 Assignment of Personnel. HANO shall retain the right to demand and receive a change in personnel assigned to the work if HANO believes that such change is in the best interest of HANO and the completion of the contracted work.

4.2.3 Unauthorized Subcontracting Prohibited. The Contractor shall not assign any right, nor delegate any duty for the work proposed pursuant to this IFB (including, but not limited to, selling or transferring the contract) without the prior written consent of HANO. Any purported assignment of interest or delegation of duty, without the prior written consent of HANO shall be void and may result in the cancellation of the contract with the Agency, or may result in the

full or partial forfeiture of funds paid to the Contractor as a result of the proposed contract; as determined by HANO.

- 4.3 Time of Completion.** The Contractor shall commence work under this contract at the time stipulated in the written "Notice to Proceed" (NTP) issued by the local authority. The Contractor shall complete the work within **180 days from the date of the Notice to Proceed, including the 45-day L&P period.** The work shall be considered complete only when the Local Authority has issued its formal "Certificate of Acceptance".
- 4.4 Licensing and Insurance Requirements.** Prior to award (but not as a part of the bid submission) the *Contractor* will be required to provide:
- 4.4.1 The project shall be awarded only to contractors who are licensed under State of Louisiana Contractors License Law La. R.S. 37:2150-2192 with a major classification in Building Construction.**
- 4.4.2 Workers Compensation Insurance.** An original certificate evidencing the bidder's current industrial (worker's compensation) insurance carrier and coverage amount not less than \$100,000.00 (NOTE: Workers Compensation Insurance will be required of any Contractor that has employees other than just the owner working on-site to provide the services);
- 4.4.3 General Liability Insurance.** An original certificate evidencing General Liability coverage, naming HANO as an additional insured, together with the appropriate endorsement to said policy reflecting the addition of HANO as an additional insured under said policy (minimum of \$1,000,000 each occurrence, general aggregate minimum limit of \$1,000,000, together with damage to premises and fire damage of \$50,000 and medical expenses any one person of \$5,000), with a commercially reasonable deductible (i.e., "commercially reasonable," meaning at least 1% of the "general aggregate minimum" of the policy, with a maximum deductible amount of \$50,000);**Automobile Insurance.** An original certificate showing the bidder's automobile insurance coverage in a combined single limit of \$500,000. For every vehicle utilized during the term of this program, when not owned by the entity, each vehicle must have evidence of automobile insurance coverage with limits of no less than \$100,000/\$300,000 and medical pay of \$5,000.
- 4.4.4 City/Parish/State Business License.** If applicable, a copy of the bidder's business license allowing that entity to provide such services within the City of New Orleans, Orleans Parish, and/or the State of Louisiana.
- 4.4.5 Certificates/Profile of Firm Form.** Pertaining to the aforementioned (within Sections 5.4.1 through 5.4.5) insurance certificates and licenses, each bidder is required to enter related information where provided for on the Profile of Firm Form (do not attach or submit copies of the insurance certificates or licenses within the bid submittal—we will garner the necessary documents from the successful bidder prior to contract execution).

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4.5 **Contract Service Standards.** All work performed pursuant to this IFB must conform and comply with all applicable local, state and federal codes, statutes, laws, and regulations.

4.5 **Prompt Return of Contract Documents.** Any and all documents required to complete the contract, including contract signature by the successful bidders, shall be provided to the Agency within 10 workdays of notification by the Agency.

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Appendix A Specific Unit Needs



Downtown Scattered Sites:

1114 Rocheblave

Exterior

- Replace light bulbs

Living Room

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Weatherstripping all doors
- Replace cover plates and switch plates
- Replace blinds

Kitchen

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Replace cover plates and switch plates
- Replace blinds
- Clean and re-hang cabinets in kitchen
- Clean countertop in kitchen
- Prep and paint closet
- Clean all appliances

Hallway

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Replace cover plates and switch plates
- Install light fixture
- Replace blinds

Bathroom 1

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Clean cabinet
- Repair door frame and paint
- Need to resurface tub
- Replace stopper
- Replace magnet on cabinet and clean

Bedroom 1

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Replace blinds
- Replace cover plates and switch plates
- Repair door frame and paint
- Repair and paint closet and closet door
- Replace ceiling fan bulb

Bedroom 2

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Replace blinds
- Replace cover plates and switch plates
- Repair door frame and paint
- Replace door lock
- Repair and paint closet and closet door
- Replace ceiling fan bulb and globe

Bedroom 3

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Replace blinds
- Replace cover plates and switch plates
- Repair door frame and paint
- Repair and paint closet and closet door
- Replace ceiling fan bulb

1870 N. Miro St.

Exterior

- Replace light bulbs
- Replace GFI include cover plate
- install doorbell
- repair door lock

Living Room

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Install LED bulbs
- Replace blinds

Kitchen

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Replace cover plates and switch plates
- Replace blinds
- Clean cabinets in kitchen
- Clean countertop in kitchen
- Repair leak under sink
- Prep and paint closet
- Replace GFI's
- Clean all appliances

Hallway

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Prep / paint closet

Bathroom 1

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Clean cabinets and vanity
- Replace blinds
- Paint door frame
- Need to resurface tub
- Replace toilet
- Clean sink
- Replace magnet on cabinet and clean

Bedroom 1

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Replace blinds
- Replace cover plates and switch plates
- Repair door frame and paint
- Repair and paint closet and closet door
- Replace ceiling fan bulb

Bedroom 2

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Replace blinds

- Replace cover plates and switch plates
- Repair door frame and paint
- Replace ceiling fan
- Repair and paint closet and closet door

Bedroom 3

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Replace blinds.
- Repair door lock
- Repair and paint closet and closet door

1130 N. Tonti St.

Exterior

- install doorbell
- Replace light bulbs

Living Room

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Replace missing or broken floor tile
- Strip clean and wax floor
- Repair closet door
- Replace blinds

Kitchen

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Replace missing / broken floor tile
- Strip clean and wax floor
- Clean and repair hinged on cabinets in kitchen
- Clean countertop in kitchen
- Dishwasher door does not open properly
- Clean all appliances

Hallway

- Prep / repair / paint ceiling
- Prep / repair / paint walls

Bathroom 1

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Clean cabinets and vanity
- Add new mirror on vanity

- Need to resurface tub
- clean toilet
- Clean sink and add stopper
- Repair shelf on cabinet and clean
- Need bulbs
- Replace vent

Bedroom 1

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Replace blinds
- Replace cover plates and switch plates
- Repair door frame and paint
- Paint door
- Repair and paint closet and closet door
- Replace ceiling fan fixture

Bedroom 2

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Replace blinds
- Replace bulbs
- Repair hinges and lock on door
- Replace bulbs on light fixture
- Repair and paint closet and closet door

Bedroom 3

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Replace blinds
- Replace bulbs
- Repair and paint closet and closet door

Fischer Community:

1712 Vespasian

Exterior

- Paint door sweep
- Install weather stripping

Living Room

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Install blinds

Kitchen

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Replace cover plates and switch plates
- Install blinds
- Clean and re-hang cabinets in kitchen
- Clean and repair countertop in kitchen
- Replace GFI
- Replace dishwasher

Hallway

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Pre / repair / paint closet

Bathroom 1

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Clean and seal cabinets
- Clean and seal door
- Clean sink and vanity
- Replace toilet
- Replace vent

Bathroom 2

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Install blinds
- Clean and seal cabinets

- Clean and seal door
- Clean sink and vanity
- Replace toilet seat
- Replace vent

Bathroom 3

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Clean and seal cabinets
- Clean and seal door
- Clean sink and vanity
- Replace toilet seat

Bedroom 1

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Install blinds
- Repair window
- Paint door
- Repair and paint closet and closet door
- Replace ceiling fan bulb

Bedroom 2

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Install blinds
- Replace ceiling fan
- Paint door
- Replace door lock
- Repair and paint closet and closet door
- Replace ceiling fan and light fixture

Bedroom 3

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Install blinds
- Paint door
- Repair and paint closet and closet door
- Replace ceiling fan bulb

Bedroom 4

- Prep / repair / paint ceiling
- Prep / repair / paint walls

- Strip clean and wax floor
- Paint door
- Repair and paint closet and closet door
- Replace ceiling fan bulb

Laundry Room

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Clean floor

Hall Closets

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Clean floor
- Paint repair doors

Smoke detectors

- Replace smoke detectors all locations

1716 Vespasian

Exterior

- Install door bell
- Paint door

Living Room

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Prep / repair / paint closet walls

Kitchen

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Seal cabinets
- Replace dishwasher
- Install blinds
- Clean, seal and re-hang cabinets in kitchen
- Replace countertop
- Replace GFI
- Replace light fixture in Kitchen

Hallway

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor

- Pre / repair / paint closet

Bathroom 1

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Clean and seal cabinets
- Clean and seal door
- Clean sink and vanity
- Resurface tub
- Replace toilet seat

Bathroom 2

- Prep / repair / paint walls
- Install blinds
- Replace medicine cabinet
- paint door
- Clean sink and vanity
- Clean and re-caulk toilet
- Replace toilet seat
- Replace vent
- Resurface tub

Bathroom 3

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Clean and seal cabinets
- Paint door
- Clean sink and vanity
- Replace toilet seat
- Resurface tub
- Replace medicine cabinet

Bedroom 1

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Paint door
- Repair and paint closet and closet door
- Install blinds

Bedroom 2

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Replace ceiling fan
- Paint door

- Repair door
- Replace ceiling fan and light fixture
- Install blinds

Bedroom 3

- Prep / repair / paint walls
- Paint door
- Paint closet and closet door
- Replace ceiling fan and light fixture
- Install blinds

Bedroom 4

- Prep / repair / paint walls
- Replace and Paint door
- Install blinds

Laundry Room

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Clean floor
- Repair and paint door

Hall Closets

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Clean floor
- Paint repair doors

Smoke detectors

- Replace smoke detectors all locations

1724 Hero

Exterior

- Replace HVAC condenser
- Replace light fixture
- Repair paint door

Living Room

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Install blinds

Kitchen

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Replace cover plates and switch plates
- Install blinds
- Sand, seal and re-hang cabinets in kitchen
- replace countertop in kitchen
- Replace GFI
- Replace dishwasher

Hallway

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Pre / repair / paint closet

Bathroom 1

- Prep / repair / paint walls
- Clean and seal cabinets
- Clean and seal door
- Clean sink and vanity
- Repair lock
- Replace toilet seat

Bathroom 2

- Clean and seal cabinets
- Clean sink and vanity
- Clean and caulk toilet
- Replace toilet seat
- Replace vent
- Resurface tub

Bathroom 3

- Clean and seal cabinets
- Replace faucet
- Replace GFI
- Resurface tub
- Clean and caulk toilet
- replace sink and vanity
- Replace toilet seat
- Replace vent

Bedroom 1

- Prep / repair / paint ceiling
- Prep / repair / paint walls

- Strip clean and wax floor
- Install blinds
- Repair window
- Paint door
- Repair and paint closet and closet door

Bedroom 2

- Prep / repair / paint ceiling
- Strip clean and wax floor
- Install blinds
- Replace ceiling fan
- Paint door
- Repair and paint closet and closet door
- Replace ceiling fan and light fixture

Bedroom 3

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Install blinds

Bedroom 4

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Install blinds

Hall Closets

- Prep / repair / paint walls
- Clean floor

Smoke detectors

- Replace smoke detectors all locations

1733 Shepard

Exterior

- Paint doors

Living Room

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Prep / repair / paint closet walls
- Install blinds

Kitchen

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip and wax floors
- Seal cabinets
- Replace dishwasher
- Clean, seal and re-hang cabinets in kitchen

Bathroom 1

- Replace toilet seat
- Replace vent

Bathroom 2

- Install blinds
- paint door
- sand and seal vanity
- resurface countertop
- Replace toilet seat
- Resurface tub

Bedroom 1

- Install blinds

Bedroom 2

- Install blinds

Laundry Room

- Prep / repair / paint walls
- Clean floor

Smoke Detectors

- Replace smoke detectors all locations

1916 Hendee

Exterior

- Replace HVAC condenser grill
- Install door bell
- Repair and paint door

Living Room

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Install ceiling fan and light fixture
- Install blinds

Kitchen

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Install blinds
- Sand, seal cabinets in kitchen
- resurface countertop in kitchen

Hallway

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Pre / repair / paint closet

Bathroom 1

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Clean and seal cabinets
- Install blinds
- Clean and seal door
- Clean sink and vanity
- Repair lock
- Replace toilet seat
- Replace vent

Bathroom 2

- Clean sink and vanity
- Replace toilet seat
- Replace medicine cabinet
- Resurface tub

Bathroom 3

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Clean and seal cabinets
- Install blinds
- Replace medicine cabinet
- Resurface tub
- Clean and caulk toilet
- replace sink and vanity
- Replace toilet seat

Bedroom 1

- Strip clean and wax floor
- Install blinds

Bedroom 2

- Strip clean and wax floor

Bedroom 3

- Prep / repair / paint walls
- Strip clean and wax floor
- Install blinds

Bedroom 4

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Install ceiling fan fixture

Laundry Room

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor

Smoke detectors

- Replace smoke detectors all locations

Install HVAC return grill

Handrail needs to be reattached.

1924 Hendee

Exterior

- Install door bell
- Repair and paint door

Living Room

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor

Kitchen

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Paint closet
- Install dishwasher
- Sand, seal cabinets in kitchen
- resurface countertop in kitchen

Hallway

- Prep / repair / paint ceiling

- Prep / repair / paint walls
- Strip clean and wax floor
- Pre / repair / paint closet

Bathroom 1

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Clean and seal cabinets
- Resurface countertop
- Install blinds
- Clean and seal door
- Clean sink and vanity
- Repair lock
- Replace toilet seat
- Replace medicine cabinet

Bathroom 2

- Clean floors
- Prep / repair / paint walls
- Clean sink and vanity
- Replace medicine cabinet
- Paint door

Bathroom 3

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Clean and seal cabinets
- Clean and paint door
- Replace medicine cabinet
- Resurface tub
- Clean and caulk toilet
- replace sink and vanity
- Replace toilet seat

Bedroom 1

- Strip clean and wax floor
- Install ceiling fan and light fixture
- Prep / repair / paint walls
- Repair and paint closet

Bedroom 2

- Strip clean and wax floor
- Prep / repair / paint walls
- Repair and paint closet
- Paint door

Bedroom 3

- Prep / repair / paint walls
- Strip clean and wax floor
- Repair and paint closet
- Paint door

Laundry Room

- Clean and paint door

Hall closets

- Prep / repair / paint ceiling
- Strip clean and wax floor
- Prep / repair / paint walls
- Paint door

Smoke detectors

- Replace smoke detectors all locations

1952 Hendee

Exterior

- HVAC replace
- Replace GFI
- Paint exterior doors

Living Room

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Install ceiling fan
- Install blinds

Kitchen

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Prep / repair / paint closet
- Install dishwasher
- Sand, seal cabinets in kitchen
- resurface countertop in kitchen
- install blinds

Hallway

- Prep / repair / paint ceiling
- Prep / repair / paint walls

- Strip clean and wax floor
- Pre / repair / paint closet

Bathroom 1

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Clean and seal cabinets
- Resurface tub
- Install blinds
- Clean and seal door
- refinish sink
- Repair lock
- Replace toilet seat
- Replace medicine cabinet
- Replace vent
- Paint door

Bathroom 2

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Clean and seal cabinets
- Replace faucet
- Clean and seal door
- refinish sink
- Repair lock
- Replace toilet seat
- Replace medicine cabinet
- Replace vent
- Paint door

Bathroom 3

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Prep / repair / paint closet
- Clean and seal cabinets
- Replace faucet
- Replace door
- refinish sink
- Repair lock
- Replace toilet seat
- Replace medicine cabinet
- Replace vent
- Paint door
- Replace GFI
- Replace fan

Bedroom 1

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Prep / repair / paint closet
- Strip clean and wax floor
- Replace door
- Replace ceiling fixture and light
- Replace electrical outlet

Bedroom 2

- Strip clean and wax floor
- Prep / repair / paint walls
- Repair and paint closet
- Replace door
- Replace ceiling fan and light fixture

Bedroom 3

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Strip clean and wax floor
- Repair and paint closet
- Paint door
- Replace ceiling fan and light fixture

Bedroom 4

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Strip clean and wax floor
- Repair and paint closet
- Paint door
- Replace ceiling fan and light fixture

Laundry Room

- Clean and paint door

Hall closets

- Prep / repair / paint ceiling
- Strip clean and wax floor
- Prep / repair / paint walls
- Paint door

Smoke detectors

- Replace smoke detectors all locations
- Need full paint

2076 Hendee

Exterior

- Replace HVAC
- Replace locks
- Repair and Paint exterior doors frames and door

Living Room

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Install blinds

Kitchen

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Prep / repair / paint closet
- Install dishwasher
- Sand, seal cabinets in kitchen
- Replace countertop in kitchen
- Install blinds

Hallway

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor

Bathroom 1

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Clean and seal cabinets
- Resurface tub
- Install blinds
- Clean and seal door
- refinish sink
- Repair lock
- Replace toilet seat
- Replace medicine cabinet
- Replace vent
- Paint door

Bathroom 2

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Clean and seal cabinets

- Replace faucet
- Clean and seal door
- refinish sink
- Repair lock
- Replace toilet seat
- Replace medicine cabinet
- Replace vent
- Paint door

Bathroom 3

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Prep / repair / paint closet
- Repair, Clean and seal cabinets
- Replace faucet
- Replace door
- refinish sink
- Repair lock
- Replace toilet seat
- Replace medicine cabinet
- Replace vent
- Paint door
- Replace GFI
- Replace fan

Bedroom 1

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Prep / repair / paint closet
- Strip clean and wax floor
- Paint door
- Install blinds

Bedroom 2

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Prep / repair / paint closet
- Strip clean and wax floor
- Paint door
- Install blinds

Bedroom 3

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Strip clean and wax floor
- Repair and paint closet

- Paint door
- Replace ceiling fan and light fixture

Laundry Room

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Strip clean and wax floor
- Clean and paint door

Hall closets

- Prep / repair / paint ceiling
- Strip clean and wax floor
- Prep / repair / paint walls
- Paint door

Smoke detectors

- Replace smoke detectors all locations
- Need full paint

2100 Hendee

Exterior

- Replace HVAC
- Replace locks
- Repair and Paint exterior doors frames and door

Living Room

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Install blinds

Kitchen

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor
- Prep / repair / paint closet
- Install dishwasher
- Sand, seal cabinets in kitchen
- replace countertop in kitchen
- install blinds

Hallway

- Prep / repair / paint ceiling
- Prep / repair / paint walls
- Strip clean and wax floor

Bathroom 1

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Clean and seal cabinets
- Paint door

Bathroom 2

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Clean and seal cabinets
- Replace faucet
- Clean and seal door
- refinish sink
- Repair lock
- Replace toilet seat
- Replace medicine cabinet
- Replace vent
- Paint door

Bathroom 3

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Prep / repair / paint closet
- Repair, Clean and seal cabinets
- Replace faucet
- Replace door
- refinish sink
- Repair lock
- Replace toilet seat
- Replace medicine cabinet
- Replace vent
- Paint door
- Replace GFI
- Replace fan

Bedroom 1

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Prep / repair / paint closet
- Strip clean and wax floor
- Paint door
- Install blinds

Bedroom 2

- Prep / repair / paint walls
- Prep / repair / paint ceiling

- Prep / repair / paint closet
- Strip clean and wax floor
- Paint door
- Install blinds

Bedroom 3

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Strip clean and wax floor
- Repair and paint closet
- Paint door
- Replace ceiling fan and light fixture

Laundry Room

- Prep / repair / paint walls
- Prep / repair / paint ceiling
- Strip clean and wax floor
- Clean and paint door

Hall closets

- Prep / repair / paint ceiling
- Strip clean and wax floor
- Prep / repair / paint walls
- Paint door

Smoke detectors

- Replace smoke detectors all locations
- Need full paint

Appendix B Technical Specifications



SCOPE OF WORK
INTERIOR REPAIRS
WEST BANK ASSET MANAGEMENT UNITS

June 20, 2023

Page 10 of 10

- A. The Technical Specifications include:
- Rough Carpentry – 061000 (10 pages)
 - Finish Carpentry – 06200 (7 pages)
 - Flush Wooden Doors - 08211 (3 pages)
 - Door Hardware – 08711 (10 pages)
 - Gypsum Board Assemblies – 09260 – (6 pages)
 - Ceramic Tile – 09310 - (7 pages)
 - Vinyl Plank Flooring – 09650 – (2 pages)
 - Painting – 09912 – (8 pages)
 - Toilet and Bath Accessories – 10800 (4 pages)
 - Residential Casework – 12370 (4 pages)
 - Plumbing Systems – 15420 (4 pages)
 - Mechanical/HVAC – 230500 (4 pages)
 - Electrical Systems – 16020 (6 pages)

Attachments: All above specification sheets are attached.

SECTION 06100 - ROUGH CARPENTRY

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following:
 1. Framing with dimension lumber.
 2. Utility shelving.
 3. Sheathing.
 4. Subflooring and underlayment.
 5. Plywood backing panels.
 6. Building wrap.

1.3 SUBMITTALS

- A. Product Data: For each type of process and factory-fabricated product. Indicate component materials and dimensions and include construction and application details.
 1. Include data for wood-preservative treatment from chemical treatment manufacturer and certification by treating plant that treated materials comply with requirements. Indicate type of preservative used, net amount of preservative retained, and chemical treatment manufacturer's written instructions for handling, storing, installing, and finishing treated material.
 2. Include data for fire-retardant treatment from chemical treatment manufacturer and certification by treating plant that treated materials comply with requirements. Include physical properties of treated materials, both before and after exposure to elevated temperatures when tested according to ASTM D 5516 and ASTM D 5664.
 3. For products receiving a waterborne treatment, include statement that moisture content of treated materials was reduced to levels specified before shipment to Project site.
 4. Include copies of warranties from chemical treatment manufacturers for each type of treatment.
 5. Preservative-treated wood.
 6. Fire-retardant-treated wood.
 7. Power-driven fasteners.
 8. Powder-actuated fasteners.
 9. Expansion anchors.
 10. Building wrap.

1.4 QUALITY ASSURANCE

- A. Source Limitations for Fire-Retardant-Treated Wood: Obtain each type of fire-retardant-treated wood product through one source from a single producer.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Stack lumber, plywood, and other panels; place spacers between each bundle to provide air circulation. Provide for air circulation around stacks and under coverings.
- B. Covers for lumber, plywood, and other panels shall provide for transmission of water vapors, polyethylene, sheet metal, and other impermeable materials shall not be used.
- C. Store and handle products as recommended by the manufacturer for hot humid climates; remove binding materials from stored materials.
- D. Store materials off the ground and away from standing water.
- E. Discard materials that have warped, cupped, swell, delaminated or otherwise deteriorated.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - 1. Gypsum Sheathing Board:
 - a. American Gypsum Co.
 - b. G-P Gypsum Corporation.
 - c. National Gypsum Company.
 - d. United States Gypsum Co.
 - e. Approved equal.
 - 2. Building Wrap:
 - a. Celotex Corporation (The); Building Products Division.
 - b. DuPont (E. I. du Pont de Nemours and Company).
 - c. Parsec, Inc.
 - d. Tenneco Building Products.
 - e. Approved equal.
 - 3. Metal Framing Anchors:
 - a. Alpine Engineered Products, Inc.
 - b. Cleveland Steel Specialty Co.
 - c. Harlen Metal Products, Inc.
 - d. Simpson Strong-Tie Company, Inc.

- e. Southeastern Metals Manufacturing Co., Inc.
- f. United Steel Products Company, Inc.
- g. Approved equal.

2.2 WOOD PRODUCTS, GENERAL

- A. Lumber: DOC PS 20 and applicable rules of lumber grading agencies certified by the American Lumber Standards Committee Board of Review.
 - 1. Factory mark each piece of lumber with grade stamp of grading agency.
 - 2. Where nominal sizes are indicated, provide actual sizes required by DOC PS 20 for moisture content specified. Where actual sizes are indicated, they are minimum dressed sizes for dry lumber.
 - 3. Provide dressed lumber, S4S, unless otherwise indicated.
 - 4. Provide dry lumber with 19 percent maximum moisture content at time of dressing for 2-inch nominal thickness or less, unless otherwise indicated.
- B. Wood Structural Panels:
 - 1. Plywood: Either DOC PS 1 or DOC PS 2, unless otherwise indicated.
 - 2. Thickness: As indicated and or as needed to comply with requirements specified.
 - 3. Comply with "Code Plus" provisions in APA Form No. E30K, "APA Design/Construction Guide: Residential & Commercial."
 - 4. Factory mark panels according to indicated standard.

2.3 WOOD-PRESERVATIVE-TREATED MATERIALS

- A. Preservative Treatment by Pressure Process: AWWA C2 (lumber) and AWWA C9 (plywood), used for sheathing and base plates.
 - a. Preservative Chemicals: Chromated copper arsenate (CCA).
 - b. Retention rate of 0.04 lbs./cu. ft.
- B. Lumber that is not in contact with the ground and is continuously protected from liquid water may be treated according to AWWA P5 with inorganic boron (SBX).
 - a. Retention rate of 0.42 lbs/cu.ft.
- C. Kiln-dry material after treatment to maximum moisture content of 19 percent for lumber and 15 percent for plywood. Do not use material that is warped or does not comply with requirements.
- D. Application: Treat all rough carpentry, unless otherwise indicated and the following:
 - 1. Preservative treatment for wood cants, nailers, curbs, equipment support bases, blocking, stripping, and similar members in connection with roofing, flashing, vapor barriers, and waterproofing.
 - 2. Preservative treatment for wood sills, sleepers, blocking, furring, stripping, and similar concealed members in contact with masonry or concrete.

2.4 FIRE-RETARDANT-TREATED MATERIALS

- A. General: Where fire-retardant-treated materials are indicated, provide materials that comply with performance requirements in AWPA C20 (lumber) and AWPA C27 (plywood). Identify fire-retardant-treated wood with appropriate classification marking of UL, U.S. Testing, Timber Products Inspection, or another independent testing and inspecting agency.
1. Use treatment for which chemical manufacturer publishes physical properties of treated wood after exposure to elevated temperatures, when tested by a qualified independent testing agency according to ASTM D 5664, for lumber and ASTM D 5516, for plywood.
 2. Use treatment that does not promote corrosion of metal fasteners.
 3. Use Exterior type for exterior locations including all sheathing and where else as indicated.

2.5 DIMENSION LUMBER

- A. General: Provide dimension lumber of grades indicated according to the American Lumber Standards Committee National Grading Rule provisions of the grading agency indicated.
- B. Construction or Stud grade and any of the following species:
1. Mixed southern pine; SPIB.
 2. Hem-fir or Hem-fir (north); NLGA, WCLIB, or WWPA.
 3. Spruce-pine-fir (south) or Spruce-pine-fir; NELMA, NLGA, WCLIB, or WWPA.

2.6 MISCELLANEOUS LUMBER

- A. General: Provide dimensional lumber field fabricated for support or attachment of other construction, including the following:
1. Blocking.
 2. Nailers.
 3. Furring.
 4. Grounds.
 5. Concealed boards.
- B. For furring strips for installing plywood or hardboard paneling, select boards with no knots capable of producing bent-over nails and damage to paneling.

2.7 SHEATHING

- A. Plywood Wall Sheathing: Exterior, Structural I sheathing.
1. Span Rating: Not less than 32/16.
 2. Thickness: Not less than 1/2 inch.
- B. Glass-Mat Gypsum Wall Sheathing: ASTM C 1177/1177M.

1. Product: Subject to compliance with requirements, provide "Dens-Glass Gold" by G-P Gypsum Corp.
 2. Type and Thickness: Regular, 1/2 inch thick.
 3. Size: Manufacturer's standard for vertical installation.
- C. Plywood Roof Sheathing: Exterior, Structural I sheathing.
1. Span Rating: Not less than 32/16.
 2. Thickness: Not less than 5/8 inch.

2.8 SUBFLOORING AND UNDERLAYMENT

- A. Plywood Combination Subfloor-Underlayment: DOC PS 1, Exterior, Structural I, C-C Plugged single-floor panels.
1. Span Rating: Not less than 24 oc.
 2. Thickness: Not less than 7/8 inch.
 3. Edge Detail: Square.
 4. Edge Detail: Tongue and groove.
 5. Surface Finish: Fully sanded face.
- B. Plywood Subflooring: Exterior, Structural I single-floor panels or sheathing.
1. Span Rating: Not less than 24 oc.
 2. Thickness: Not less than 7/8 inch.
- C. Plywood Underlayment for Resilient Flooring: DOC PS 1, Exterior B-C with fully sanded face.
- D. Plywood Underlayment for Ceramic Tile: DOC PS 1, Exterior, C-C Plugged, 5/8 inch thick.
- E. Plywood Underlayment for Carpet: DOC PS 1, Exposure 1 Underlayment.

2.9 PLYWOOD BACKING PANELS

- A. Telephone and Electrical Equipment Backing Panels: DOC PS 1, Exposure 1, C-D Plugged, fire-retardant treated, in thickness indicated or, if not indicated, not less than 1/2 inch thick.

2.10 FASTENERS

- A. General: Provide fasteners of size and type indicated that comply with requirements specified in this Article for material and manufacture.
1. Provide fasteners with hot-dip zinc coating complying with ASTM A 153/A 153M or of Type 304 stainless steel.
- B. Nails and Brads: ASTM F 1667.
- C. Power-Driven Fasteners: CABO NER-272.

- D. Wood Screws: ASME B18.6.1.
- E. Lag Bolts: ASME B18.2.1.
- F. Bolts: Steel bolts complying with ASTM A 307, Grade A; with ASTM A 563 hex nuts and, flat washers.
- G. Expansion Anchors: Anchor bolt and sleeve assembly of material indicated below with capability to sustain, without failure, a load equal to 6 times the load imposed when installed in unit masonry assemblies and equal to 4 times the load imposed when installed in concrete as determined by testing per ASTM E 488 conducted by a qualified independent testing and inspecting agency.
 - 1. Material: Carbon-steel components, zinc plated to comply with ASTM B 633, Class Fe/Zn 5.
 - 2. Material: Stainless steel with bolts and nuts complying with ASTM F 593 and ASTM F 594, Alloy Group 1 or 2.

2.11 METAL FRAMING ANCHORS

- A. General: Provide framing anchors made from hot-dip, zinc-coated steel sheet complying with ASTM A 653/A 653M, G60 coating designation, of structural capacity, type, and size indicated (not including the galvanized coating), and as follows:
 - 1. Allowable Design Loads: Provide products with allowable design loads, as published by manufacturer, that meet or exceed those indicated. Manufacturer's published values shall be determined from empirical data or by rational engineering analysis and demonstrated by comprehensive testing performed by a qualified independent testing agency.
- B. Joist Hangers: U-shaped joist hangers 0.062 inch (15 gauge) thickness with 2-inch long seat and 1-1/4-inch wide nailing flanges at least 85 percent of joist depth. Style U; Simpson or equal.
- C. Bridging: Rigid, V-section, nailless type, 0.062 inch thick (15 gauge), length to suit joist size and spacing. Style NC or NCA; Simpson or equal.
- D. Post Bases: Adjustable-socket type for bolting in place with standoff plate to raise post 1 inch above base and with 2-inch minimum side cover, socket 0.062 inch thick, and standoff and adjustment plates 0.108 inch thick (9 gauge). EPB44T; Simpson or equal.
- E. Joist Ties: Flat straps, with holes for fasteners, for tying joists together over supports.
 - 1. Width: 1-1/4 inches.
 - 2. Thickness: 0.062 inch.
 - 3. Length: 24 inches or as indicated.
- F. Rafter Tie-Downs (Hurricane Ties): Bent strap tie for fastening rafters or roof trusses to wall studs below, 2-1/4 inches wide by 0.062 inch thick (15 gauge). Tie fits over top of rafter or truss and fastens to both sides of rafter or truss, face of top plates, and side of stud below. H7; Simpson or equal.

- G. Floor-to-Floor Ties: Flat straps, with holes for fasteners, for tying upper floor wall studs to band joists and lower floor studs, 1-1/4 inches wide by 0.050 (16 gauge) inch thick by 36 inches long. Style LSTI; Simpson or equal.
- H. Hold-Downs: Brackets for bolting to wall studs and securing to foundation walls with anchor bolts or to other hold-downs with threaded rods and designed with first of two bolts placed seven bolt diameters from reinforced base. Style PHD; Simpson or equal.
 - 1. Bolt Diameter: 3/4 inch.
 - 2. Width: 2-1/2 inches.
 - 3. Body Thickness: 0.138 inch (11 gauge).
 - 4. Base Reinforcement Thickness: 0.108 inch (10 gauge).

2.12 MISCELLANEOUS MATERIALS

- A. Building Paper: Asphalt-saturated organic felt complying with ASTM D 226, Type I (No. 15 asphalt felt), unperforated.
- B. Building Wrap: Air-retarder sheeting made from polyolefins; cross-laminated films, woven strands, or spun-bonded fibers; coated or uncoated; with or without perforations; and complying with ASTM E 1677, Type I.
 - 1. Thickness: Not less than 3 mils.
 - 2. Permeance: Not less than 10 perms.
 - 3. Flame-Spread Index: 25 or less per ASTM E 84.
 - 4. Allowable Exposure Time: Not less than three months.
- C. Building Wrap Tape: Pressure-sensitive plastic tape recommended by building wrap manufacturer for sealing joints and penetrations in building wrap.
- D. Sheathing Tape: Pressure-sensitive plastic tape for sealing joints and penetrations in sheathing and recommended by sheathing manufacturer for use with type of sheathing required.
- E. Adhesives for Field Gluing Panels to Framing: Formulation complying with APA AFG-01 that is approved for use with type of construction panel indicated by both adhesive and panel manufacturers.
- F. Water-Repellent Preservative: NWWDA-tested and -accepted formulation containing 3-iodo-2-propynyl butyl carbamate, combined with an insecticide containing chloropyrifos as its active ingredient.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

- A. Set rough carpentry to required levels and lines, with members plumb, true to line, cut, and fitted. Fit rough carpentry to other construction; scribe and cope as needed for

accurate fit. Locate furring, nailers, blocking, and similar supports to comply with requirements for attaching other construction.

- B. Do not use materials with defects that impair quality of rough carpentry or pieces that are too small to use with minimum number of joints or optimum joint arrangement.
- C. Apply field treatment complying with AWPA M4 to cut surfaces of preservative-treated lumber and plywood.
- D. Securely attach rough carpentry work to substrate by anchoring and fastening as indicated, complying with the following:
 - 1. CABO NER-272 for power-driven fasteners.
 - 2. Published requirements of metal framing anchor manufacturer.
 - 3. Table 2306.1, "Fastening Schedule," in the Standard Building Code.
- E. Use common wire nails, unless otherwise indicated. Select fasteners of size that will not fully penetrate members where opposite side will be exposed to view or will receive finish materials. Make tight connections between members. Install fasteners without splitting wood; predrill as required.
- F. Use finishing nails for exposed work, unless otherwise indicated. Countersink nail heads and fill holes with wood filler.

3.2 WOOD GROUND, BLOCKING, AND NAILER INSTALLATION

- A. Install where indicated and where required for screeding or attaching other work. Form to shapes indicated and cut as required for true line and level of attached work. Coordinate locations with other work involved.
- B. Attach items to substrates to support applied loading. Recess bolts and nuts flush with surfaces, unless otherwise indicated. Build anchor bolts into masonry during installation of masonry work. Where possible, secure anchor bolts to formwork before concrete placement.

3.3 WOOD FURRING INSTALLATION

- A. Install level and plumb with closure strips at edges and openings. Shim with wood as required for tolerance of finish work.
 - 1. Fire block furred spaces of walls, at each floor level and at ceiling, with wood blocking or noncombustible materials accurately fitted to close furred spaces.

3.4 WOOD FRAMING INSTALLATION, GENERAL

- A. Framing Standard: Comply with AFPA's "Manual for Wood Frame Construction," unless otherwise indicated.
- B. Do not splice structural members between supports.

- C. Where built-up beams or girders of 2-inch nominal dimension lumber on edge are required, fasten together with two rows of 20d nails spaced not less than 24 inches o.c. Locate one row near top edge and other near bottom edge.
 - 1. For continuous members, locate end joints over supports.

3.5 WALL AND PARTITION FRAMING INSTALLATION

- A. General: Arrange studs so wide face of stud is perpendicular to direction of wall or partition and narrow face is parallel. Provide double bottom and top plates using members of 2-inch nominal thickness whose widths equal that of studs, except single top plate may be used for non-load-bearing partitions. Anchor or nail plates to supporting construction, unless otherwise indicated.
 - 1. For exterior walls, provide 2-by-6-inch nominal size wood studs spaced 16 inches o.c., unless otherwise indicated.
 - 2. For interior partitions and walls, provide 2-by-4-inch nominal size wood studs spaced 16 inches o.c., unless otherwise indicated.
- B. Construct corners and intersections with three or more studs. Provide blocking and framing as indicated and as required to support facing materials, fixtures, specialty items, and trim.
 - 1. Provide continuous horizontal blocking at midheight of partitions more than 96 inches high, using members of 2-inch nominal thickness and of same width as wall or partitions.
- C. Fire block concealed spaces of wood-framed walls and partitions at each floor level and at ceiling line of top story. Where fire blocking is not inherent in framing system used, provide closely fitted wood blocks of 2-inch nominal thick lumber of same width as framing members.
- D. Frame openings with multiple studs and headers. Provide nailed header members of thickness equal to width of studs. Set headers on edge and support on jamb studs.
 - 1. For non-load-bearing partitions, provide double-jamb studs with headers not less than 4-inch nominal depth for openings 48 inches and less in width, 6-inch nominal depth for openings 4 to 6 feet in width, 8-inch nominal depth for openings 6 to 10 feet in width, and not less than 10-inch nominal depth for openings 10 to 12 feet in width.
 - 2. For load-bearing walls, provide double-jamb studs for openings 6 feet and less in width, and triple-jamb studs for wider openings. Provide headers of depth indicated or, if not indicated, according to Table 602.7 in the International One- and Two-Family Dwelling Code.
- E. Provide bracing in exterior walls, at both walls of each external corner, full-story height, unless otherwise indicated.
- F. Provide bracing in walls, full-story height, unless otherwise indicated. Provide one of the following:

1. Diagonal bracing at 45-degree angle using let-in 1-by-4-inch nominal size boards.
2. Plywood panels not less than 48 by 96 inches applied vertically.
3. In lieu of bracing at corners or at locations indicated, continuous gypsum sheathing may be provided in panels not less than 48 by 96 inches applied vertically.

3.6 FLOOR JOIST FRAMING INSTALLATION

- A. General: Install floor joists with crown edge up and support ends of each member with not less than 1-1/2 inches of bearing on wood or metal, or 3 inches on masonry. Attach floor joists as follows:
 1. Where framed into wood supporting members, by using wood ledgers as indicated or, if not indicated, by using metal joist hangers.
- B. A frame opening with headers and trimmers supported by metal joist hangers; double headers and trimmers where span of header exceeds 48 inches.
- C. Do not notch in middle third of joists; limit notches to one-sixth depth of joist, one-third at ends. Do not bore holes larger than 1/3 depth of joist; do not locate closer than 2 inches from top or bottom.
- D. Provide solid blocking of 2-inch nominal thickness by depth of joist at ends of joists unless nailed to header or band.
- E. Lap members framing from opposite sides of beams, girders, or partitions not less than 6 inches or securely tie opposing members together. Provide solid blocking of 2-inch nominal thickness by depth of joist over supports.
- F. Anchor members paralleling masonry with 1/4-by-1-1/4-inch metal strap anchors spaced not more than 96 inches o.c., extending over and fastening to 3 joists. Embed anchors at least 6 inches into grouted masonry with ends bent at right angles and extending 4 inches beyond bend.
- G. Provide solid blocking between joists under jamb studs for openings.
- H. Under non-load-bearing partitions, provide double joists separated by solid blocking equal to depth of studs above.
 1. Provide triple joists separated as above, under partitions receiving ceramic tile and similar heavy finishes or fixtures.
- I. Provide bridging of type indicated below, at intervals of 96 inches o.c., between joists.
 1. Steel bridging installed to comply with bridging manufacturer's written instructions.

3.7 CEILING JOIST AND RAFTER FRAMING INSTALLATION

- A. Ceiling Joists: Install ceiling joists with crown edge up and complying with requirements specified above for floor joists. Face nail to ends of parallel rafters.
 - 1. Where ceiling joists are at right angles to rafters, provide additional short joists parallel to rafters from wall plate to first joist; nail to ends of rafters and to top plate and nail to first joist or anchor with framing anchors or metal straps. Provide 2-by-4-inch nominal size stringers spaced 48 inches o.c. crosswise over main ceiling joists.
- B. Rafters: Notch to fit exterior wall plates and use metal framing anchors. Double rafters to form headers and trimmers at openings in roof framing, if any, and support with metal hangers. Where rafters abut at ridge, place directly opposite each other and nail to ridge member or use metal ridge hangers.
 - 1. At valleys, provide double-valley rafters of size indicated or, if not indicated, of same thickness as regular rafters and 2 inches deeper. Bevel ends of jack rafters for full bearing against valley rafters.
 - 2. At hips, provide hip rafter of size indicated or, if not indicated, of same thickness as regular rafters and 2 inches deeper. Bevel ends of jack rafters for full bearing against hip rafter.
- C. Provide collar beams (ties) as indicated or, if not indicated, provide 1-by-6-inch nominal size boards between every third pair of rafters, but not more than 48 inches o.c. Locate below ridge member, at third point of rafter span. Cut ends to fit roof slope and nail to rafters.
- D. Provide special framing as indicated for eaves, overhangs, dormers, and similar conditions.

3.8 STAIR FRAMING INSTALLATION

- A. Provide stair framing members of size, space, and configuration indicated or, if not indicated, to comply with the following requirements:
 - 1. Stringer Size: 2-by-12-inch nominal size, minimum.
 - 2. Notching: Notch stringers to receive treads, risers, and supports; leave at least 3-1/2 inches of effective depth.
 - 3. Stringer Spacing: At least 3 stringers for each 36-inch clear width of stair.
- B. Provide stair framing with no more than 3/16-inch variation between adjacent treads and risers and no more than 3/8-inch variation between largest and smallest treads and risers within each flight.

3.9 WOOD STRUCTURAL PANEL INSTALLATION

- A. General: Comply with applicable recommendations contained in APA Form No. E30K, "APA Design/Construction Guide: Residential & Commercial," for types of structural-use panels and applications indicated.
 - 1. Comply with "Code Plus" provisions in above-referenced guide.

B. Fastening Methods: Fasten panels as indicated below:

1. Combination Subfloor-Underlayment:
 - a. Glue and nail to wood framing.
 - b. Screw to cold-formed metal framing.
 - c. Space panels 1/8 inch apart at edges and ends.
2. Subflooring:
 - a. Glue and nail to wood framing.
 - b. Screw to cold-formed metal framing.
 - c. Space panels 1/8 inch apart at edges and ends.
3. Sheathing:
 - a. Nail to wood framing.
 - b. Screw to cold-formed metal framing.
 - c. Space panels 1/8 inch apart at edges and ends.
4. Plywood Backing Panels: Nail or screw to supports.

3.10 GYPSUM SHEATHING

- A. General: Fasten gypsum sheathing to supports with galvanized roofing nails; comply with GA-253 and manufacturer's recommended spacing and referenced fastening schedule. Keep perimeter fasteners 3/8 inch from edges and ends of units.
- B. Install 24-by-96-inch sheathing horizontally with long edges at right angles to studs with V-grooved edge down and tongue edge up. Interlock tongue with groove to bring long edges in contact with edges of adjacent board without forcing. Abut ends of boards over centers of studs and stagger end joints of adjacent boards not less than one stud spacing, two where possible.

3.11 BUILDING PAPER APPLICATION

- A. Apply building paper horizontally with 3-inch overlap and 6-inch end lap; fasten to sheathing with galvanized staples or roofing nails. Cover upstanding flashing with 4-inch overlap.

3.12 BUILDING WRAP APPLICATION

- A. Cover wall sheathing with building wrap as indicated.
 1. Comply with manufacturer's written instructions.
 2. Cover upstanding flashing with 4-inch overlap.
 3. Seal seams, edges, and penetrations with tape.
 4. Extend into jambs of openings and seal corners with tape.

3.13 SHEATHING TAPE APPLICATION

- A. Apply sheathing tape to joints between sheathing panels and at items penetrating sheathing. Apply at upstanding flashing to overlap both flashing and sheathing.

END OF SECTION

SECTION 06200 - FINISH CARPENTRY

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following:
 1. Exterior standing and running trim of treated wood or fiber-cement.
 2. Exterior cement-fiber siding.
 3. Exterior cement-fiber soffits.
 4. Interior standing and running trim for field-painted finish.
 5. Interior wood door frames.
 6. Shelving and clothes rods.
 7. Stairs and railings.

1.3 SUBMITTALS

- A. Product Data: For each type of process and factory-fabricated product. Include construction details, material descriptions, dimensions of individual components and profiles, textures, and colors.
 1. Include data for wood-preservative treatment from chemical treatment manufacturer and certification by treating plant that treated materials comply with requirements. Indicate type of preservative used, net amount of preservative retained, and chemical treatment manufacturer's written instructions for handling, storing, installing, and finishing treated material.
 2. For products receiving a waterborne treatment, include statement that moisture content of treated materials was reduced to levels specified before shipment to Project site.
- B. Samples for Initial Selection: Color charts consisting of actual materials in small sections for siding for each type of material indicated.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: A qualified installer.
- B. Fire-Test-Response Characteristics: Where fire-retardant materials are indicated, provide materials with specified fire-test-response characteristics as determined by a testing and inspecting agency acceptable to authorities having jurisdiction. Identify

materials with appropriate markings of applicable testing and inspecting agency on surfaces of materials that will be concealed from view after installation.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Protect materials against weather and contact with damp or wet surfaces. Stack lumber, plywood, and other panels. Provide for air circulation within and around stacks and under temporary coverings.
- B. Deliver interior finish carpentry only when environmental conditions meet requirements specified for installation areas. If finish carpentry must be stored in other than installation areas, store only where environmental conditions meet requirements specified for installation areas.

1.6 PROJECT CONDITIONS

- A. Environmental Limitations: Do not deliver or install interior finish carpentry until building is enclosed and weatherproof, wet work in space is completed and nominally dry, and HVAC system is operating and maintaining temperature and relative humidity at occupancy levels during the remainder of the construction period.
- B. Weather Limitations: Proceed with installation only when existing and forecasted weather conditions permit work to be performed according to manufacturer's written instructions and warranty requirements and at least one coat of specified finish to be applied without exposure to rain, snow, or dampness.

1.7 WARRANTY

- A. Special Warranty for Siding: Manufacturer's standard form, signed by manufacturer, Installer, and Contractor, in which manufacturer agrees to repair or replace siding that fails in materials or workmanship within specified warranty period. Failures include, but are not limited to, deformation or deterioration beyond normal weathering.
 - 1. Warranty Period for Siding (Excluding Finish): 25 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - 1. Fiber-Cement Siding and Soffit Materials:
 - a. Hardiplank; James Hardie.
 - b. WeatherBoards; Certain Teed.
 - c. Cemplan; Cemplank, Inc.
 - d. Approved equal.

2.2 MATERIALS, GENERAL

- A. Lumber: DOC PS 20 and applicable grading rules of inspection agencies certified by the American Lumber Standards' Committee Board of Review.
 - 1. Factory mark each piece of lumber with grade stamp of inspection agency indicating grade, species, moisture content at time of surfacing, and mill.
- B. Softwood Plywood: DOC PS 1.
- C. Hardwood Plywood: HPVA HP-1.

2.3 WOOD-PRESERVATIVE-TREATED MATERIALS

- A. Preservative Treatment by Pressure Process: Lumber shall be treated according to AWPA C31 with Chromated copper arsenate (CCA).
 - a. Retention rate of 0.04 lbs/cu.ft.
 - 1. Kiln-dry material after treatment to levels required for untreated material. Do not use material that is warped or does not comply with requirements for untreated material.
 - 2. Mark each treated item with the Quality Mark Requirements of an inspection agency approved by the American Lumber Standards' Committee Board of Review.
 - 3. Application: Exterior trim and trim at windows and exterior doors.

2.4 EXTERIOR STANDING AND RUNNING TRIM – CEMENT- FIBER

- A. Flat Trim: Fiber-Cement four square smooth planks 1" to 3/4" in depth, width as indicated, if not indicated provide 5-1/2" to 6" wide planks, primed finish.
- B. Select flat trim units to project a minimum of 1/4" past the adjacent siding.

2.5 EXTERIOR STANDING AND RUNNING TRIM - WOOD

- A. Grade Prime or D finish hem-fir; NLGA, WCLIB, or WWPA.
 - 1. Moldings for Opaque Finish (Painted): P-grade eastern white, Idaho white, ponderosa, or sugar pine.
- B. Moldings: Made to patterns included in WMMPA WM 7. Wood moldings made from preservation treated kiln-dried stock and graded under WMMPA WM 4.
 - 1. Moldings shall be as indicated, if none are indicated provide 3 standard patters available for each application where moldings would be used and as follows:
 - 2. Casing Pattern: WM 366, 11/16-by-2-1/4-inch featheredge casing.
 - 3. Stop Pattern: 1-1/8 by 5-1/2 inch square edge stop.
 - 4. Brick Mold: .

2.6 SIDING

- A. Siding Textures and Patterns: Where indicated, provide primed cement-fiber siding as selected by Architect from manufacturer's full range with the following requirements:
 - 1. Horizontal wood grain pattern.
 - 2. Square edges, tapered planks.
 - 3. Exposure as indicated or manufacturer's standard width as selected to limit trimming for installation of windows and doors.

2.7 EXTERIOR SOFFITS

- A. Cement-fiber Soffits: Primed cement-fiber board, with board manufacturer's standard exterior enamel primer.
 - 1. Type: 1/2-inch thick flat panels, wood-grain textured.

2.8 INTERIOR STANDING AND RUNNING TRIM

- A. Lumber Trim for Opaque Finish (Painted): Finished lumber (S4S), solid lumber, of any listed species and grades:
 - 1. Grade D Select eastern white pine, lodgepole, white woods, ponderosa, or sugar pine.
 - 2. Grade A Finish alder, aspen, basswood, cottonwood, gum, magnolia, soft maple, sycamore, tupelo, or yellow poplar; NHLA.
- B. Moldings: Made to patterns included in WMMPA WM 7. Wood moldings made from kiln-dried stock and graded under WMMPA WM 4.
 - 1. Base Pattern: WM 750, 9/16-by-4-1/4-inch beaded-edge base.
 - 2. Shoe-Mold Pattern: WM 126, 1/2-by-3/4-inch quarter-round shoe mold.
 - 3. Casing Pattern: WM 376, 1 1/16-by-2-1/4-inch beaded-edge casing.
 - 4. Stop Pattern: WM 954, 3/8-by-1-3/8-inch bullnose stop.

2.9 SHELVING AND CLOTHES RODS

- A. Shelving: 3/4-inch B-B Plywood with 1/2 inch thick hardwood edging.
 - 1. Shelf Cleats: 3/4-by-5-1/2-inch boards with holes to receive clothes rods, of same species and grade indicated above for interior lumber trim for opaque finish.
- B. Clothes Rods: 1-1/2-inch diameter, clear, kiln-dried hardwood rods or aluminum tubes.

2.10 STAIRS AND RAILINGS

- A. Interior Stairs:
 - 1. Treads: 1-1/16-inch, clear, kiln-dried, edge-glued, rift-sawn red oak or poplar stepping with half-round nosing.
 - 2. Risers: 3/4-inch finish boards as specified above for interior lumber trim for opaque finish.

- B. Interior Balusters and Railings: Clear, kiln-dried yellow poplar of pattern indicated, either solid or laminated.
- C. Newel Posts: Clear, kiln-dried, turned yellow poplar newel posts of pattern and size indicated.

2.11 MISCELLANEOUS MATERIALS

- A. Fasteners for Exterior Finish Carpentry: Provide nails or screws of stainless steel or hot-dipped galvanized steel, in sufficient length to penetrate minimum of 1-1/2 inches into substrate, unless otherwise recommended by manufacturer:
- B. Fasteners for Interior Finish Carpentry: Nails, screws, and other anchoring devices of type, size, hot-dipped galvanized steel or stainless steel, required for application indicated to provide secure attachment, concealed where possible.
- C. Flashing: Comply with requirements in Section 0-7620 "Sheet Metal Flashing and Trim" for flashing materials installed in finish carpentry.
- D. Sealants: Comply with requirements in Section 07920 "Joint Sealants" for materials required for sealing siding work.

2.12 FABRICATION

- A. Wood Moisture Content: Comply with requirements of specified inspection agencies and with manufacturer's written recommendations for moisture content of finish carpentry at relative humidity conditions existing during time of fabrication and in installation areas.
- B. Back out or kerf backs of the following members, except members with ends exposed in finished work:
 - 1. Exterior standing and running trim wider than 5 inches.
 - 2. Interior standing and running trim, except shoe and crown molds.
- C. Ease edges of lumber less than 1 inch in nominal thickness to 1/16-inch radius and edges of lumber 1 inch or more in nominal thickness to 1/8-inch radius.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Clean substrates of projections and substances detrimental to application.
- B. Before installing finish carpentry, condition materials to average prevailing humidity in installation areas for a minimum of 24 hours[, unless longer conditioning is recommended by manufacturer].
- C. Prime lumber for exterior applications to be painted, including both faces and edges. Cut to required lengths and prime ends. Comply with requirements in Division 9 Section "Painting."

3.3 INSTALLATION, GENERAL

- A. Do not use materials that are unsound, warped, improperly treated or finished, inadequately seasoned, or too small to fabricate with proper jointing arrangements.
 - 1. Do not use manufactured units with defective surfaces, sizes, or patterns.
- B. Install finish carpentry level, plumb, true, and aligned with adjacent materials. Use concealed shims where necessary for alignment.
 - 1. Scribe and cut finish carpentry to fit adjoining work. Refinish and seal cuts as recommended by manufacturer.
 - 2. Countersink fasteners, fill surface flush, and sand where face fastening is unavoidable.
 - 3. Install to tolerance of 1/8 inch in 96 inches for level and plumb. Install adjoining finish carpentry with 1/32-inch maximum offset for flush installation and 1/16-inch maximum offset for reveal installation.
 - 4. Install stairs with no more than 3/16-inch variation between adjacent treads and risers and with no more than 3/16-inch variation between largest and smallest treads and risers within each flight.
 - 5. Coordinate finish carpentry with materials and systems in or adjacent to it. Provide cutouts for mechanical and electrical items that penetrate finish carpentry.

3.4 STANDING AND RUNNING TRIM INSTALLATION

- A. Install with minimum number of joints practical, using full-length pieces from maximum lengths of lumber available. Do not use pieces less than 24 inches long, except where necessary. Stagger joints in adjacent and related standing and running trim. Cope at returns and miter at corners to produce tight-fitting joints with full-surface contact throughout length of joint. Use scarf joints for end-to-end joints. Plane backs of casings to provide uniform thickness across joints, where necessary for alignment.
 - 1. Match color and grain pattern across joints.
 - 2. Install trim after gypsum board joint finishing operations are completed.
 - 3. Drill pilot holes in hardwood before fastening to prevent splitting. Fasten to prevent movement or warping. Countersink fastener heads on exposed carpentry work and fill holes.
 - 4. Fit exterior joints to exclude water. Apply flat grain lumber with bark side exposed to weather.

3.5 SIDING INSTALLATION

- A. Horizontal Cement-Fiber Siding: Apply starter strip or molding along bottom edge of sheathing or sill. Nail to wood framing and screw to metal framing at each stud. Do not allow nails to penetrate more than one thickness of siding.
 - 1. Leave 1/8-inch gap at trim and corners, unless otherwise recommended by manufacturer, and apply sealant.
 - 2. Butt joints only over framing or blocking, nailing top and bottom on each side and staggering joints in subsequent courses.
- B. Flashing: Install metal flashing as indicated on Drawings and as recommended by siding manufacturer.
- C. Install siding to comply with manufacturer's warranty requirements.

3.6 STAIR AND RAILING INSTALLATION

- A. Treads and Risers at Interior Stairs: Secure treads and risers by gluing and nailing to rough carriages. Cope wall stringers to fit tightly over treads and risers.
- B. Balusters: Dovetail or mortise balusters into treads, glue, and nail in place. Let into railings and glue in place.
- C. Newel Posts: Secure newel posts to stringers, rough carriages, and risers with countersunk-head wood screws and glue.
- D. Railings: Secure wall rails with metal brackets. Fasten freestanding railings to newel posts and to trim at walls with countersunk-head wood screws or rail bolts, and glue. Assemble railings at goosenecks, easements, and splices with rail bolts and glue.

3.7 ADJUSTING

- A. Replace finish carpentry that is damaged or does not comply with requirements. Finish carpentry may be repaired or refinished if work complies with requirements and shows no evidence of repair or refinishing. Adjust joinery for uniform appearance.

3.8 CLEANING

- A. Clean finish carpentry on exposed and semiexposed surfaces. Touch up factory-applied finishes to restore damaged or soiled areas.

END OF SECTION

SECTION 08211 - FLUSH WOOD DOORS

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes solid core doors with wood-veneer faces and factory finishing.
- B. See Section 06200 "Finish Carpentry" for wood door frames.

1.2 SUBMITTALS

- A. Product Data: For each type of door, Include factory-finishing specifications.
- B. Shop Drawings: Indicate location, size, and hand of each door; elevation of each kind of door; construction details; location and extent of hardware blocking; factory finishing; and other pertinent data.
- C. Samples: For each face material and finish.

1.3 QUALITY ASSURANCE

- A. Quality Standard: Comply with AWI's "Architectural Woodwork Quality Standards Illustrated."

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - 1. Buell Door Company.
 - 2. Marlite.
 - 3. VT Industries Inc.
 - 4. Weyerhaeuser Company.
 - 5. Approved equal.

2.2 DOOR CONSTRUCTION

- A. Doors for Transparent Finish:
 - 1. Grade: Premium, with Grade A faces.
 - 2. Species and Cut: White birch, rotary cut.
 - 3. Match between Veneer Leaves: Slip match.

4. Assembly of Veneer Leaves on Door Faces: Running match.

B. Doors for Opaque Finish:

1. Grade: Custom.
2. Faces for Interior Doors: Medium-density overlay.

C. Interior Veneer-Faced Solid-Core Doors:

1. Core: Staved lumber core.
2. Construction: Five or seven plies with stiles and rails bonded to core, then entire unit abrasive planed before veneering.

2.3 FABRICATION

- A. Fabricate doors in sizes indicated for Project-site fitting.
- B. Comply with clearance requirements of referenced quality standard for fitting.
- C. Factory machine doors for hardware that is not surface applied.

2.4 SHOP PRIMING

- A. Doors for Opaque Finish: Shop prime faces and edges of doors, including cutouts, with one coat of wood primer compatible with topcoats specified in Section 09910 "Painting."

2.5 FACTORY FINISHING

- A. General: Finish doors at factory that are indicated to receive transparent finish.
- B. Grade: Premium.
- C. Finish: Manufacturer's standard finish with performance comparable to AWI System TR-4 conversion varnish.
- D. Staining: As selected from manufacturer's full range.
- E. Effect: Open-grain finish.
- F. Sheen: Semigloss.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install doors to comply with manufacturer's written instructions, referenced quality standard, and as indicated.

- B. Job-Fitting Doors: Align and fit doors in frames with uniform clearances and bevels; do not trim stiles and rails in excess of limits set by manufacturer of doors. Machine doors for hardware. Seal cut surfaces after fitting and machining.
- C. Factory-Finished Doors: Restore finish before installation if fitting or machining is required at Project site.

END OF SECTION

SECTION 08711 - DOOR HARDWARE

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes hardware for side hinged doors:

1.2 SUBMITTALS

- A. Product Data: For each product indicated.
- B. Samples: For each exposed finish.
- C. Door Hardware Schedule: Organized into door hardware sets indicating type, style, function, size, label, hand, manufacturer, fasteners, location, and finish of each door hardware item.
- D. Keying Schedule: Detail Owner's final keying instructions for locks.

1.3 QUALITY ASSURANCE

- A. Supplier Qualifications: Person who is or employs a qualified DHI Architectural Hardware Consultant.
- B. Source Limitations: Obtain each type of door hardware, unless otherwise indicated, from a single manufacturer.
- C. Keying Conference: Conduct conference at Project site. Incorporate keying conference decisions into final keying schedule.
- D. Preinstallation Conference: Conduct conference [at Project site] <Insert location>.
- E. Keys: Deliver keys to Owner by registered mail.
- F. Templates: Obtain and distribute templates for doors, frames, and other work specified to be factory prepared for installing door hardware.
- G. Standards: Comply with BHMA A156 series standards, Grade 1.

1.4 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of door hardware that fail in materials or workmanship; or failure to maintain adjustment within the one year warranty period from the date of completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis-of-Design Product: Product named for each door hardware item indicated in Door Hardware Sets establishes the basis of design. Provide either the named product or a comparable product by one of the manufacturers specified for each type of hardware item.

2.2 DOOR HARDWARE

- A. Scheduled Door Hardware: Provide door hardware according to Door Hardware Sets at the end of Part 3. Manufacturers' names are abbreviated.

2.3 HINGES

- A. Manufacturers:

1. Hinges:
 - a. Hager Companies (HAG).
 - b. Lawrence Brothers, Inc. (LB).
 - c. McKinney Products Company; Div. of ESSEX Industries, Inc. (MCK).
 - d. PBB, Inc. (PBB).
 - e. Stanley Commercial Hardware; Div. of The Stanley Works (STH).
 - f. Approved equal.

- B. Hinge Base Metal: Unless otherwise indicated, provide the following:

1. Exterior Hinges: Ball bearing stainless steel, with stainless-steel pin.
2. Interior Hinges: Stainless steel, with stainless-steel pin.

- C. Nonremovable Pins: Provide set screw in hinge barrel that prevents removal of pin while door is closed; for outswinging exterior doors and outswinging corridor doors opening into corridors shared by other apartments.

- D. Screws: Phillips flat-head screws; screw heads finished to match surface of hinges.

1. Metal Doors and Frames: Machine screws (drilled and tapped holes).
2. Wood Doors and Frames: Wood screws.

2.4 MECHANICAL LOCKS AND LATCHES

- A. Manufacturers:

1. Arrow Architectural Hardware; Div. of ESSEX Industries, Inc. (AAH).
2. Best Lock Corporation (BLC).
3. Corbin Russwin Architectural Hardware; Div. of Yale Security Inc. (CR).
4. NT Falcon Lock Co.; an Ingersoll-Rand Company (NTF).
5. Sargent Manufacturing Company; Div. of ESSEX Industries, Inc. (SGT).

6. Schlage Lock Company; an Ingersoll-Rand Company (SCH).
7. Yale Security Inc.; Div. of Williams Holdings (YAL).
8. Approved equal.

B. Mortised Lockset Design:

C. Bored Lockset Design: **[As scheduled] <Insert name(s) of manufacturer(s) and product name(s) designating lockset design(s) that other manufacturers must match>**.

D. Dummy Trim: Match **[knob] [lever]** lock trim and escutcheons.

E. Lock Throw: Comply with labeled fire door requirements.

F. Backset: 2-3/4 inches (70 mm), unless otherwise indicated.

2.5 OPERATING TRIM

A. Push-Pull Design: **[As illustrated on Drawings] [As scheduled]**.

1. Manufacturers:

- a. Baldwin Hardware Corporation (BH).
- b. Burns Manufacturing Incorporated (BM).
- c. Don-Jo Mfg., Inc. (DJO).
- d. Forms + Surfaces (FS).
- e. Hager Companies (HAG).
- f. HEWI, Inc. (HEW).
- g. Hiawatha, Inc. (HIA).
- h. Ives, H. B. (IVS).
- i. NT Quality Hardware; an Ingersoll-Rand Company (NTQ).
- j. Rockwood Manufacturing Company (RM).
- k. Stanley Commercial Hardware; Div. of The Stanley Works (STH).
- l. Triangle Brass Manufacturing Company, Inc. (TBM).
- m. **<Insert manufacturer.>**

2.6 CLOSERS

A. Surface-Mounted Closers:

1. Manufacturers:

- a. Arrow Architectural Hardware; Div. of ESSEX Industries, Inc. (AAH).
- b. Cal-Royal Products, Inc. (CRP).
- c. Corbin Ruswin Architectural Hardware; Div. of Yale Security Inc. (CR).
- d. DORMA Door Controls Inc.; Member of The DORMA Group (DC).
- e. LCN Closers; an Ingersoll-Rand Company (LCN).
- f. Norton Door Controls; Div. of Yale Security Inc. (NDC).
- g. Rixson-Firemark, Inc.; Div. of Yale Security Inc. (RIX).

- h. Sargent Manufacturing Company; Div. of ESSEX Industries, Inc. (SGT).
- i. Yale Security Inc.; Div. of Williams Holdings (YAL).
- j. <Insert manufacturer.>

- B. Size of Units: Factory-sized, adjustable to meet field conditions and requirements for opening force.
- C. Power-Assist Closers: As specified in Division 8 Section "Power Door Operators."

2.7 PROTECTIVE TRIM UNITS

- A. Protective Trim Units: Sized 1-1/2 inches (38 mm) less than door width on push side and 1/2 inch (13 mm) less than door width on pull side, by height scheduled or indicated. Fasten with exposed machine or self-tapping screws.

1. Material: Metal.

a. Manufacturers:

- 1) American Floor Products Co., Inc. (AFP).
- 2) Arden Architectural Specialties, Inc. (AAS).
- 3) Baldwin Hardware Corporation (BH).
- 4) Burns Manufacturing Incorporated (BM).
- 5) Don-Jo Mfg., Inc. (DJO).
- 6) Hager Companies (HAG).
- 7) Hiawatha, Inc. (HIA).
- 8) IPC Door and Wall Protection Systems, Inc. (IPC).
- 9) Ives, H. B. (IVS).
- 10) NT Quality Hardware; an Ingersoll-Rand Company (NTQ).
- 11) Pawling Corporation (PAW).
- 12) Rockwood Manufacturing Company (RM).
- 13) Triangle Brass Manufacturing Company, Inc. (TBM).
- 14) Wilkinson Company, Inc. (WIL).
- 15) <Insert manufacturer.>

2. Material: Plastic.

a. Manufacturers:

- 1) American Floor Products Co., Inc. (AFP).
- 2) Arden Architectural Specialties, Inc. (AAS).
- 3) Balco Metalines, Inc. (BAL).
- 4) Burns Manufacturing Incorporated (BM).
- 5) Construction Specialties, Inc. (CS).
- 6) Don-Jo Mfg., Inc. (DJO).
- 7) Hager Companies (HAG).
- 8) Hiawatha, Inc. (HIA).
- 9) IPC Door and Wall Protection Systems, Inc. (IPC).
- 10) Ives, H. B. (IVS).
- 11) Koroseal Wall Protection Systems, Inc. (KWS).

- 12) NT Quality Hardware; an Ingersoll-Rand Company (NTQ).
- 13) Pawling Corporation (PAW).
- 14) Rockwood Manufacturing Company (RM).
- 15) Tepromark International, Inc. (TEP).
- 16) Tri-Guards, Inc. (TG).
- 17) Triangle Brass Manufacturing Company, Inc. (TBM).
- 18) <Insert manufacturer.>

2.8 STOPS AND HOLDERS

- A. Stops and Holders: Provide floor stops for doors, unless wall or other type stops are scheduled or indicated. Do not mount floor stops where they will impede traffic. Where floor or wall stops are not appropriate, provide overhead holders.

1. Manufacturers:

- a. Architectural Builders Hardware Mfg., Inc. (ABH).
- b. Baldwin Hardware Corporation (BH).
- c. Burns Manufacturing Incorporated (BM).
- d. Door Controls International (DCI).
- e. DORMA Door Controls Inc.; Member of The DORMA Group (DC).
- f. Glynn-Johnson; an Ingersoll-Rand Company (GJ).
- g. Hager Companies (HAG).
- h. Hanchett Entry Systems, Inc. (HES).
- i. Hiawatha, Inc. (HIA).
- j. Ives, H. B. (IVS).
- k. LCN Closers; an Ingersoll-Rand Company (LCN).
- l. Norton Door Controls; Div. of Yale Security Inc. (NDC).
- m. NT Dor-O-Matic Hardware Div.; an Ingersoll-Rand Company (NTD).
- n. NT Quality Hardware; an Ingersoll-Rand Company (NTQ).
- o. Rixson-Firemark, Inc.; Div. of Yale Security Inc. (RIX).
- p. Rockwood Manufacturing Company (RM).
- q. Sargent Manufacturing Company; Div. of ESSEX Industries, Inc. (SGT).
- r. Triangle Brass Manufacturing Company, Inc. (TBM).
- s. Yale Security Inc.; Div. of Williams Holdings (YAL).
- t. <Insert manufacturer.>

- B. Silencers for Door Frames: Neoprene or rubber; fabricated for drilled-in application to frame.

2.9 DOOR GASKETING AND THRESHOLDS

- A. Door Gasketing: Provide continuous weather-strip gasketing on exterior doors and provide smoke, light, or sound gasketing on interior doors where indicated or scheduled. Provide noncorrosive fasteners for exterior applications and elsewhere as indicated.

1. Manufacturers:

a. Gasketing:

- 1) Hager Companies (HAG).
- 2) National Guard Products, Inc. (NGP).
- 3) Pemko Manufacturing Co., Inc. (PEM).
- 4) Reese Enterprises, Inc. (RE).
- 5) Sealeze Corporation (SEL).
- 6) Ultra Industries; a Macklanburg-Duncan Company (ULT).
- 7) Zero International, Inc. (ZRO).
- 8) <Insert manufacturer.>

b. Door Bottoms:

- 1) Hager Companies (HAG).
- 2) National Guard Products, Inc. (NGP).
- 3) Pemko Manufacturing Co., Inc. (PEM).
- 4) Reese Enterprises, Inc. (RE).
- 5) Sealeze Corporation (SEL).
- 6) Ultra Industries; a Macklanburg-Duncan Company (ULT).
- 7) Zero International, Inc. (ZRO).
- 8) <Insert manufacturer.>

2. Air Leakage: Not to exceed 0.50 cfm per foot (0.000774 cu. m/s per m) of crack length for gasketing other than for smoke control, as tested according to ASTM E 283.
3. Smoke-Labeled Gasketing: Assemblies complying with NFPA 105 that are listed and labeled, based on testing according to UL 1784.
4. Fire-Labeled Gasketing: Assemblies complying with NFPA 80 that are listed and labeled, based on testing according to UL 10B or NFPA 252.
5. Gasketing Materials: Comply with ASTM D 2000 and AAMA 701/702.

B. Thresholds: Of type scheduled or indicated.

1. Manufacturers:

- a. Hager Companies (HAG).
- b. National Guard Products, Inc. (NGP).
- c. NT Dor-O-Matic Hardware Div.; an Ingersoll-Rand Company (NTD).
- d. Pemko Manufacturing Co., Inc. (PEM).
- e. Reese Enterprises, Inc. (RE).
- f. Rixson-Firemark, Inc.; Div. of Yale Security Inc. (RIX).
- g. Ultra Industries; a Macklanburg-Duncan Company (ULT).
- h. Zero International, Inc. (ZRO).
- i. <Insert manufacturer.>

2.

2.10 MISCELLANEOUS DOOR HARDWARE

- A. Boxed Power Supplies: Modular unit in NEMA ICS 6, Type 4 enclosure; filtered and regulated; and listed and labeled for use with fire alarm systems.

2.11 CYLINDERS, KEYING, AND STRIKES

A. Cylinders: Tumbler type, constructed from brass or bronze, stainless steel, or nickel silver.

1. Manufacturers:

- a. Same manufacturer as for locks and latches.
- b. ABLOY High Security Locks; Div. of ASSA ABLOY, Inc. (ABL).
- c. Arrow Architectural Hardware; Div. of ESSEX Industries, Inc. (AAH).
- d. ASSA High Security Locks; Div. of ASSA ABLOY, Inc. (ASA).
- e. Best Lock Corporation (BLC).
- f. Corbin Russwin Architectural Hardware; Div. of Yale Security Inc. (CR).
- g. Lockwood Architectural Hardware; Div. of Lloyd Matheson Inc. (LAH).
- h. Marks USA (MKS).
- i. Medeco High Security Locks, Inc. (MED).
- j. NT Falcon Lock Co.; an Ingersoll-Rand Company (NTF).
- k. Sargent Manufacturing Company; Div. of ESSEX Industries, Inc. (SGT).
- l. Schlage Lock Company; an Ingersoll-Rand Company (SCH).
- m. Weiser Lock; a Masco Building Products Corporation (WEI).
- n. Yale Security Inc.; Div. of Williams Holdings (YAL).
- o. <Insert manufacturer.>

2. Number of Pins: **[Five] [Six] [Seven]**.

3. High-Security Grade: BHMA Grade 1A, listed and labeled as complying with UL 437 (Suffix A).

4. Permanent Cores: Manufacturer's standard; finish face to match lockset; **[interchangeable] [removable]** cores.

5. Construction Master Keys: Provide cylinders with feature that permits voiding of construction keys without cylinder removal. Provide 10 construction master keys.

6. Construction Cores: Provide construction cores that are replaceable by permanent cores. Provide 10 construction master keys.

- a. Replace construction cores with permanent cores, as **[indicated in keying schedule] [directed by Owner]**.
- b. Furnish permanent cores to Owner for installation.

B. Keying System: Factory-registered keying system; **[no master] [master] [grand master] [great-grand master]** key system.

1. Keys: Provide nickel-silver keys permanently inscribed with a visual key control number and "DO NOT DUPLICATE" notation. In addition to one extra blank key for each lock, provide three change keys and five **[master] [grand master] [great-grand master]** keys.

C. Key Control System: Include key-holding hooks, labels, key tags with self-locking key holders, envelopes, and markers. Contain system in **[multiple-drawer] [wall-mounted] [portable]** type metal cabinet with baked-enamel finish. Include cross-index system set up by key control manufacturer, with **[card index] [computer software]**.

1. Manufacturers:

- a. Key Control Systems, Inc. (KCS).
 - b. Major Metalfab Co. (MM).
 - c. Sargent Manufacturing Company; Div. of ESSEX Industries, Inc. (SGT).
 - d. Sunroc Corporation (SUN).
 - e. <Insert manufacturer.>
- D. Strikes: Manufacturer's standard strike with strike box for each latch or lock bolt, with curved lip extended to protect frame, finished to match door hardware set.

2.12 FABRICATION

- A. Base Metals: Furnish metals of a quality equal to or greater than that of specified door hardware units and BHMA A156.18 for finishes. Do not furnish manufacturer's standard materials if different from specified standard.
- B. Fasteners: Phillips flat-head screws with finished heads to match surface of door hardware, unless otherwise indicated. Provide steel machine or wood screws or steel through bolts for fire-rated applications.
- C. Spacers or Sex Bolts: For through bolting of hollow metal doors.
- D. Fasteners for Wood Doors: Comply with requirements of DHI WDHS.2, "Recommended Fasteners for Wood Doors."
- E. Finishes: Comply with BHMA A156.18.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Examine doors and frames for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance. Examine roughing-in for electrical power systems to verify actual locations of wiring connections before electrified door hardware installation.
- B. Steel Door and Frame Preparation: Comply with DHI A115 series. Drill and tap doors and frames for surface-applied hardware according to SDI 107.
- C. Wood Door Preparation: Comply with DHI A115-W series.
- D. Mounting Heights: Comply with the following requirements, unless otherwise indicated:
 1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
 2. Custom Steel Doors and Frames: DHI's "Recommended Locations for Builders' Hardware for Custom Steel Doors and Frames."
 3. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."

- E. Adjust and reinforce attachment substrates as necessary for proper installation and operation. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.
 - 1. **Boxed Power Supplies:** Locate power supplies as indicated or, if not indicated, **[above accessible ceilings] [in equipment room]**. Verify location with Architect.
 - a. **Configuration:** Provide **[one power supply for each door opening] [the least number of power supplies required to adequately serve doors with electrified door hardware]**.
 - 2. **Thresholds:** Set thresholds for exterior and acoustical doors in full bed of sealant complying with requirements specified in Division 7 Section "Joint Sealants."
- F. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with accessibility requirements.
 - 1. **Door Closers:** Adjust sweep period so that from an open position of 70 degrees, the door will take at least three seconds to move to a point 3 inches (75 mm) from the latch, measured to the leading edge of the door.

3.2 FIELD QUALITY CONTROL

- A. **Inspections:** Owner will engage a qualified independent Architectural Hardware Consultant to perform inspections and to prepare inspection reports.

3.3 DOOR HARDWARE SETS

Door Hardware Set No. [#]				
Single Door No. [#]; each to have the following:				
*	Hanging Devices	<Insert description.>	<Insert manufacturer.>	<Insert finish.>
[#]	Securing Devices (inactive leaf)	<Insert description.>	<Insert manufacturer.>	<Insert finish.>
[#]	Securing Devices (active leaf)	<Insert description.>	<Insert manufacturer.>	<Insert finish.>
[#]	Operating Trim	<Insert description.>	<Insert manufacturer.>	<Insert finish.>
[#]	Accessories for Pairs of Doors	<Insert description.>	<Insert manufacturer.>	<Insert finish.>
[#]	Closing Devices	<Insert description.>	<Insert manufacturer.>	<Insert finish.>
[#]	Protective Trim Units	<Insert description.>	<Insert manufacturer.>	<Insert finish.>
[#]	Stops and Holders	<Insert description.>	<Insert manufacturer.>	<Insert finish.>
[#]	Accessories	<Insert description.>	<Insert manufacturer.>	<Insert finish.>

[#]	Miscellaneous Items	<Insert description.>	<Insert manufacturer.>	<Insert finish.>
*	Number of hinges, as specified.			

END OF SECTION

SECTION 09260 - GYPSUM BOARD ASSEMBLIES

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes the following:
 - 1. Interior gypsum wallboard:
 - a. Standard performance panels.
 - b. High impact type performance panels.
 - c. Type X (Fire resistant) type performance panels.
 - d. Water-Resistant (Greenboard) panels.
 - 2. Non-load-bearing steel framing.

1.2 SUBMITTALS

- A. Product Data: For each product indicated.
- B. Samples: For each textured finish indicated and on same backing indicated for Work.

1.3 QUALITY ASSURANCE

- A. Fire-Test-Response Characteristics: For gypsum board assemblies with fire-resistance ratings, provide materials and construction identical to those tested in assembly indicated according to ASTM E 119 by an independent testing and inspecting agency acceptable to authorities having jurisdiction.
- B. Mockups: Before finishing gypsum board assemblies, install mockups of at least 100 sq. ft. in surface area to demonstrate aesthetic effects and qualities of materials and execution.
 - 1. Install mockups for surfaces with texture finishes.
 - 2. Simulate finished lighting conditions for review of mockups.
 - 3. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, the products listed.

2.2 STEEL FRAMING

- A. Steel Framing, General: Comply with ASTM C 754 for conditions indicated.
1. Steel Sheet Components: Metal complying with ASTM C 645, 20 gauge standard studs, runners, furring channels and accessories.
 - a. Protective Coating: ASTM A 653 G60, hot-dip galvanized zinc coating.
 - b. 3-5/8 stud width, unless otherwise noted.
 2. Fasteners: Type S-12 Bulge Head Drywall screws standard, hot-dipped galvanized or stainless steel; sized to penetrate wood studs a minimum of 5/8 inches, steel studs by 4 full threads.
 3. Flat Strap and Backing Plate: 20 gauge galvanized steel sheet for blocking and bracing in length and width indicated, or if none indicated to be 1-1/2 inches wider and extending two studs past either end than item being supported.
 4. Cold-Rolled Channel Bridging: 16 gauge bare steel thickness, with minimum 1/2 inch wide flange, and in depth required by openings in studs.
 - a. Clip Angle: 1-1/2 by 1-1/2 inch, 14 gauge thick, galvanized steel.
 5. Hat-Shaped, Rigid Furring Channels: ASTM C 645, 20 gauge 1-1/2 inch depth, unless otherwise indicated.
 6. Cold-Rolled Furring Channels: 16 gauge bare steel thickness, with minimum 1/2-inch wide flange, and in depth indicated.
 - a. Tie Wire: ASTM A 641, Class 1 zinc coating, soft temper, 15 gauge diameter wire.

2.3 PANEL PRODUCTS

- A. Panel Size, General: Provide in maximum lengths and widths available that will minimize joints in each area and correspond with support system indicated.
- B. Gypsum Wallboard: ASTM C 36, 5/8 inch thickness, unless otherwise noted.
1. Regular Type: In thickness indicated and with long edges tapered.
 2. Type X: In thickness indicated and with long edges tapered.
 - a. Products complying with the requirements include but are not limited to the following:
 - 1) Regular and Fire-Shield Gold Bond Gypsum Wallboard; National Gypsum Co.
 - 2) Regular and Type X Sheetrock; U S Gypsum Co.
 - 3) Approved equal.
- C. Abuse-Resistant Gypsum Wallboard: ASTM C 36, manufactured to produce greater resistance to surface indentation and through-penetration than standard gypsum panels.
- a. Products complying to the requirements include but are not limited to the following:
 - 1) Hi-Abuse, Gold Bond; National Gypsum Co.
 - 2) ToughRock; Georgia-Pacific.
 - 3) Approved equal.

- D. Water-Resistant Gypsum Backer Board: ASTM C 630, Gypsum core panel with additives to enhance water-resistance of core; surfaced with water repellent paper.
 - 1. Products complying to the requirements include but are not limited to the following:
 - 1) Gold Bond MR; National Gypsum Co.
 - 2) Sheetrock Water-Resistant; U S Gypsum Co.
 - 3) Approved equal.

2.4 TRIM ACCESSORIES

- A. Interior Trim: Pure zinc or plastic items complying with ASTM C 1047.
 - 1. Cornerbead: Use at outside corners.
 - 2. LC-Bead: Use at exposed panel edges.

2.5 JOINT TREATMENT MATERIALS

- A. General: Comply with ASTM C 475.
- B. Joint Tape: Paper or fiberglass grid type.
- C. Joint Compound for Interior Gypsum Wallboard: For each coat use formulation that is compatible with other compounds applied on previous or for successive coats.
 - 1. Prefilling: At open joints, rounded or beveled panel edges, and damaged surface areas, use setting-type taping compound.
 - 2. Embedding and First Coat: For embedding tape and first coat on joints, flanges of trim accessories, and fasteners, use setting-type taping compound.
 - a. Use setting-type compound for installing paper-faced metal trim accessories.
 - 3. Fill Coat: For second coat, use sandable topping compound.
 - 4. Finish Coat: For third coat, use setting-type, sandable topping compound.

2.6 AUXILIARY MATERIALS

- A. General: Provide auxiliary materials that comply with referenced installation standards and manufacturer's written recommendations.

2.7 TEXTURE FINISHES

- A. Primer: As recommended by textured finish manufacturer.
- B. Aggregate Finish: Water-based, job-mixed, aggregated, drying-type texture finish for spray application.
 - 1. Available Products:

- a. G-P Gypsum Corp.; GyProc Vermiculite Ceiling Texture.
- b. United States Gypsum Co.; SHEETROCK Wall and Ceiling Spray Texture (Aggregated).

PART 3 EXECUTION

3.1 NON-LOAD-BEARING STEEL FRAMING INSTALLATION

- A. General: Comply with ASTM C 754, and ASTM C 840 requirements that apply to framing installation.
- B. Suspended Ceiling and Soffit Framing:
 1. Suspend ceiling hangers plumb and free from contact with insulation or other objects within ceiling plenum that are not part of supporting structural or ceiling suspension system. Splay hangers only where required to miss obstructions and offset resulting horizontal forces by bracing, counter-splaying, or other equally effective means.
 2. Where width of ducts and other construction within ceiling plenum produces hanger spacings that interfere with the location of hangers required to support standard suspension system members, install supplemental suspension members and hangers in form of trapezes or equivalent devices. Size supplemental suspension members and hangers to support ceiling loads within performance limits established by referenced standards.
 3. Attach hangers to structural members. Do not support ceilings from or attach hangers to roof decks, ducts, pipes, or conduit.
 4. Screw furring to wood framing.
 5. Wire-tie furring channels to supports, as required to comply with requirements for assemblies indicated.
 6. Grid Suspension System: Attach perimeter wall track or angle where grid suspension system meets vertical surfaces. Mechanically join main beam and cross-furring members to each other and butt-cut to fit into wall track.
- C. Partition and Soffit Framing:
 1. Extend partition framing full height to structural supports or substrates above suspended ceilings, except where partitions are indicated to terminate at suspended ceilings. Continue framing over frames for doors and openings and frame around ducts penetrating partitions above ceiling to provide support for gypsum board.
 2. Frame door openings to comply with GA-600 and with gypsum board manufacturer's applicable written recommendations, unless otherwise indicated. Screw vertical studs at jambs to jamb anchor clips on door frames; install runner track section (for cripple studs) at head and secure to jamb studs.
 - a. Install two studs at each jamb, unless otherwise indicated.

2.8 PANEL PRODUCT INSTALLATION

- A. Gypsum Board: Comply with ASTM C 840 and GA-216.

1. Space screws a maximum of 12 inches o.c. for vertical applications.
2. Space fasteners in panels that are tile substrates a maximum of 8 inches o.c.
3. On ceilings, apply gypsum panels before wall/partition board application to the greatest extent possible and at right angles to framing, unless otherwise indicated.
4. On partitions/walls, apply gypsum panels horizontally (perpendicular to framing), unless otherwise indicated or required by fire-resistance-rated assembly, and minimize end joints.
 - a. Stagger abutting end joints not less than one framing member in alternate courses of board.
 - b. At stairwells and other high walls, install panels horizontally, unless otherwise indicated or required by fire-resistance-rated assembly.
5. Single-Layer Fastening Methods: Apply gypsum panels to supports with steel drill screws.
6. Multilayer Fastening Methods: Fasten base layers and face layers separately to supports with screws.

2.9 FINISHING

- A. Installing Trim Accessories: For trim with back flanges intended for fasteners, attach to framing with same fasteners used for panels. Otherwise, attach trim according to manufacturer's written instructions.
- B. Finishing Gypsum Board Panels: Treat gypsum board joints, interior angles, edge trim, control joints, penetrations, fastener heads, surface defects, and elsewhere as required to prepare gypsum board surfaces for decoration.
 1. Prefill open joints and damaged surface areas.
 2. Apply joint tape over gypsum board joints, except those with trim having flanges not intended for tape.
- C. Gypsum Board Finish Levels: Finish panels to levels indicated below, according to ASTM C 840, for locations indicated:
 1. Level 2: Embed tape and apply separate first coat of joint compound to tape, fasteners, and trim flanges where panels are substrate for tile.
 2. Level 4: Embed tape and apply separate first, fill, and finish coats of joint compound to tape, fasteners, and trim flanges at panel surfaces that will be exposed to view, unless otherwise indicated.

2.10 APPLYING TEXTURE FINISHES

- A. Surface Preparation and Primer: Prepare and apply primer to gypsum panels and other surfaces receiving texture finishes. Apply primer to surfaces that are clean, dry, and smooth.
- B. Texture Finish Application: Mix and apply finish using powered spray equipment, to produce a uniform texture matching approved mockup and free of starved spots or other evidence of thin application or of application patterns.

- C. Prevent texture finishes from coming into contact with surfaces not indicated to receive texture finish by covering them with masking agents, polyethylene film, or other means. If, despite these precautions, texture finishes contact these surfaces, immediately remove droppings and overspray to prevent damage according to texture finish manufacturer's written recommendations.

END OF SECTION

SECTION 09310 - CERAMIC TILE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 – General Requirements, Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following:
 - 1. Ceramic mosaic tile.
 - 1) Installed as per F-116-02 over interior concrete slabs
 - 2) Installed as per F- 142-02 over wood floors.
 - 3) Installed as per W- 244-02 for walls.
 - 2. Glazed wall tile.
 - 1) Installed as per W- 244-02.
 - 3. Stone thresholds installed as part of tile installations.
 - 4. Metal edge strips installed as part of tile installations.

1.3 PERFORMANCE REQUIREMENTS

- A. Static Coefficient of Friction: Provide products with the value of minimum 0.6. for level surfaces as determined by testing identical products per ASTM C 1028:

1.4 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Samples for Selection: For each type of tile, accessory and grout indicated.
 - 1. Samples for each type (and composition of tile), at least one full size.
 - 2. Grout of type and in available colors, 6 inch long sample.
 - 3. Full-size units of each type of trim and accessory for each color and finish required].
 - 4. Stone thresholds in 6-inch lengths.
 - 5. Metal edge strips in 6-inch lengths.
- C. Qualification Data: For Installer.

1.5 QUALITY ASSURANCE

- A. Source Limitations for Tile: Obtain all tile of same type and color or finish from one source or producer.
- B. Source Limitations for Other Products: Obtain other products specified in this Section through one source from a single manufacturer for each product:

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store packaged materials in original containers with seals unbroken and labels intact until time of use. Comply with requirement in ANSI A137.1 for labeling sealed tile packages.
- B. Store tile and cementitious materials on elevated platforms, under cover, and in a dry location.
- C. Store aggregates where grading and other required characteristics can be maintained and contamination avoided.
- D. Store emulsion adhesives in unopened containers and protected from freezing.

1.7 PROJECT CONDITIONS

- A. Environmental Limitations: Do not install tile until construction in spaces is complete and ambient temperature and humidity conditions are maintained at the levels indicated in referenced standards and manufacturer's written instructions.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. In other Part 2 articles where titles below introduce lists, the following requirements apply for product selection:
 - 1. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, the products specified.
 - 2. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the manufacturers specified.

2.2 PRODUCTS, GENERAL

- A. ANSI Ceramic Tile Standard: Provide tile that complies with ANSI A137.1, "Specifications for Ceramic Tile," for types, compositions, and other characteristics indicated.
- B. ANSI Standards for Tile Installation Materials: Provide materials complying with ANSI standards referenced in "Setting and Grouting Materials" Article.

- C. Colors, Textures, and Patterns: Where manufacturer's standard products are indicated for tile, grout, and other products requiring selection of colors, surface textures, patterns, and other appearance characteristics, provide specific products or materials as selected by Architect from manufacturer's full range:

2.3 TILE PRODUCTS

A. Available Manufacturers:

1. American Olean; Div. of Dal-Tile International Corp.
2. Crossville Ceramics Company, L.P.
3. Florida Tile Industries, Inc.
4. Interceramic.
5. Metropolitan Ceramics.
6. Porcelanite, Inc.
7. Approved equal.

B. Unglazed Ceramic Mosaic Tile: Factory-mounted flat tile as follows:

1. Composition: Impervious natural clay or porcelain.
2. Surface: Smooth.
3. Module Size: 2 by 2 inches.
4. Nominal Thickness: 1/4 inch.
5. Face: Pattern of design selected, with cushion edges.

C. Porcelain Tile: Factory-mounted flat tile as follows:

1. Composition: Impervious porcelain.
2. Module Size: 12 by 12 inches.
3. Thickness: 1/4 inch.
4. Face and Finish: Pattern of design and finish as selected, with cushion edges.

D. Glazed Wall Tile: Flat tile as follows:

1. Module Size: 6 by 6 inches.
2. Thickness: 5/16 inch.
3. Face and Pattern: As selected.
4. Mounting: Factory back-mounted.

E. Glazed Wall Tile Trim Units: Matching characteristics of adjoining flat tile and coordinated with sizes and coursing of adjoining flat tile. Provide shapes as follows, selected from manufacturer's standard shapes:

1. Base for Thin-Set Mortar Installations: Straight, module size.
2. Wainscot Cap for Thin-Set Mortar Installations: Surface bullnose, module size.
3. External Corners for Thin-Set Mortar Installations: Surface bullnose.
4. Internal Corners: Field-butted square corners except with coved base and cap angle pieces designed to fit with stretcher shapes.

2.4 THRESHOLDS

- A. General: Fabricate to sizes and profiles indicated or required to provide transition between adjacent floor finishes.
 - 1. Bevel edges at 1:2 slope, aligning lower edge of bevel with adjacent floor finish. Limit height of bevel to 1/2 inch or less, and finish bevel to match face of threshold.
- B. Granite Thresholds: Uniform, medium-grained, white or gray stone without veining complying with ASTM C 615, with polished finish.

2.5 SETTING AND GROUTING MATERIALS

- A. Available Manufacturers:
 - 1. Bonsal, W. R., Company.
 - 2. Bostik.
 - 3. Custom Building Products.
 - 4. DAP, Inc.
 - 5. LATICRETE International Inc.
 - 6. MAPEI Corporation.
 - 7. Southern Grouts & Mortars, Inc.
- B. Organic Adhesive: ANSI A136.1, Type I.
- C. Polymer-Modified Tile Grout: ANSI A118.7, color as indicated.
 - 1. Polymer Type: Either ethylene vinyl acetate, in dry, redispersible form, prepackaged with other dry ingredients, or acrylic resin or styrene-butadiene rubber in liquid-latex form for addition to prepackaged dry-grout mix.
 - a. Sanded grout mixture for joints 1/8 inch and wider.

2.6 ELASTOMERIC SEALANTS

- A. General: Provide manufacturer's standard chemically curing, elastomeric sealants of base polymer and characteristics indicated.
- B. Colors: Provide colors of exposed sealants to match colors of grout in tile adjoining sealed joints, unless otherwise indicated.
- C. One-Part, Mildew-Resistant Silicone Sealant: ASTM C 920; Type S; Grade NS; Class 25; Uses NT, G, A, and, as applicable to nonporous joint substrates indicated, O; formulated with fungicide, intended for sealing interior ceramic tile joints and other nonporous substrates that are subject to in-service exposures of high humidity and extreme temperatures.
 - 1. Available Products:
 - a. Dow Corning Corporation; Dow Corning 786.
 - b. GE Silicones; Sanitary 1700.
 - c. Pecora Corporation; Pecora 898 Sanitary Silicone Sealant.
 - d. Tremco, Inc.; Tremsil 600 White.
 - e. Approved equal.

2.7 MISCELLANEOUS MATERIALS

- A. Metal Edge Strips: Angle or L-shape, height to match tile and setting-bed thickness, metallic or combination of metal and PVC or neoprene base, designed specifically for flooring applications, stainless steel; ASTM A 666, 300 Series exposed-edge material.
- B. Tile Cleaner: A neutral cleaner capable of removing soil and residue without harming tile and grout surfaces, specifically approved for materials and installations indicated by tile and grout manufacturers.
- C. Grout Sealer: Manufacturer's standard silicone product for sealing grout joints that does not change color or appearance of grout.

1. Available Products:

- a. Bonsal, W. R., Company; Grout Sealer.
- b. Bostik; CeramaSeal Grout Sealer.
- c. C-Cure; Penetrating Sealer 978.
- d. Custom Building Products; Grout Sealer.
- e. MAPEI Corporation; KER 003, Silicone Spray Sealer for Cementitious Tile Grout.
- f. Southern Grouts & Mortars, Inc.; Silicone Grout Sealer.
- g. Summitville Tiles, Inc.; SL-15, Invisible Seal Penetrating Grout and Tile Sealer.
- h. TEC Specialty Products Inc.; TA-256 Penetrating Silicone Grout Sealer.

2.8 MIXING MORTARS AND GROUT

- A. Mix mortars and grouts to comply with referenced standards and mortar and grout manufacturers' written instructions.
- B. Add materials, water, and additives in accurate proportions.
- C. Obtain and use type of mixing equipment, mixer speeds, mixing containers, mixing time, and other procedures to produce mortars and grouts of uniform quality with optimum performance characteristics for installations indicated.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions where tile will be installed, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of installed tile.
 - 1. Verify that substrates for setting tile are firm; dry; clean; free of oil, waxy films, and curing compounds; and within flatness tolerances required by referenced ANSI A108 Series of tile installation standards for installations indicated.

2. Verify that installation of grounds, anchors, recessed frames, electrical and mechanical units of work, and similar items located in or behind tile has been completed before installing tile.
 3. Verify that joints and cracks in tile substrates are coordinated with tile joint locations; if not coordinated, adjust joint locations in consultation with Architect.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Remove coatings, including curing compounds and other substances that contain soap, wax, oil, or silicone, that are incompatible with tile-setting materials.
- B. Provide concrete substrates for tile floors that comply with flatness tolerances specified in referenced ANSI A108 Series of tile installation standards.
1. Fill cracks, holes, and depressions with trowelable leveling and patching compound according to tile-setting material manufacturer's written instructions. Use product specifically recommended by tile-setting material manufacturer.
 2. Remove protrusions, bumps, and ridges by sanding or grinding.
- C. Blending: For tile exhibiting color variations within ranges selected during Sample submittals, verify that tile has been factory blended and packaged so tile units taken from one package show same range of colors as those taken from other packages and match approved Samples. If not factory blended, either return to manufacturer or blend tiles at Project site before installing.

3.3 INSTALLATION, GENERAL

- A. ANSI Tile Installation Standards: Comply with parts of ANSI A108 Series "Specifications for Installation of Ceramic Tile" that apply to types of setting and grouting materials and to methods indicated in ceramic tile installation schedules.
- B. TCA Installation Guidelines: TCA's "Handbook for Ceramic Tile Installation." Comply with TCA installation methods indicated in ceramic tile installation schedules.
- C. Extend tile work into recesses and under or behind equipment and fixtures to form complete covering without interruptions, unless otherwise indicated. Terminate work neatly at obstructions, edges, and corners without disrupting pattern or joint alignments.
- D. Accurately form intersections and returns. Perform cutting and drilling of tile without marring visible surfaces. Carefully grind cut edges of tile abutting trim, finish, or built-in items for straight aligned joints. Fit tile closely to electrical outlets, piping, fixtures, and other penetrations so plates, collars, or covers overlap tile.
- E. Jointing Pattern: Lay tile in grid pattern, unless otherwise indicated. Align joints when adjoining tiles on floor, base, walls, and trim are same size. Lay out tile work and center tile fields in both directions in each space or on each wall area. Adjust to minimize tile cutting. Provide uniform joint widths, unless otherwise indicated.

- F. Lay out tile wainscots to next full tile beyond dimensions indicated.
- G. Stone Thresholds: Install stone thresholds at locations indicated; set in same type of setting bed as abutting field tile, unless otherwise indicated.
- H. Joint Widths: Install tile with 1/16 inch joint widths:
- I. Metal Edge Strips: Install at locations indicated or where exposed edge of tile flooring meets carpet, wood, or other flooring that finishes flush with top of tile.

3.4 CLEANING AND PROTECTING

- A. Cleaning: On completion of placement and grouting, clean all ceramic tile surfaces so they are free of foreign matter.
 - 1. Remove grout residue from tile as soon as possible.
 - 2. Clean grout smears and haze from tile according to tile and grout manufacturer's written instructions. Use only cleaners recommended by tile and grout manufacturers and only after determining that cleaners are safe to use by testing on samples of tile and other surfaces to be cleaned. Protect metal surfaces and plumbing fixtures from effects of cleaning. Flush surfaces with clean water before and after cleaning.
- B. When recommended by tile manufacturer, apply coat of neutral protective cleaner to completed tile walls and floors. Protect installed tile work with kraft paper or other heavy covering during construction period to prevent staining, damage, and wear.
- C. Prohibit foot and wheel traffic from tiled floors for at least seven days after grouting is completed.
- D. Before final inspection, remove protective coverings and rinse neutral cleaner from tile surfaces.

3.5 FLOOR TILE INSTALLATION SCHEDULE

- A. Tile Installation: Interior floor installation on concrete; water-cleanable epoxy adhesive; TCA F116 and ANSI A108.4.
- B. Tile Installation: Interior floor installation on wood; organic adhesive; TCA F142 and ANSI A108.4.

3.6 WALL TILE INSTALLATION SCHEDULE

- A. Tile Installation: Interior wall installation over cementitious backer units; thin-set mortar; TCA W244 and ANSI A108.5.

END OF SECTION

SECTION 09650
VINYL PLANK FLOORING

PART 1 - GENERAL

1.01 SUMMARY

- A. Provide vinyl plank flooring and all necessary floor preparation.

1.02 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.
- B. Samples: Submit two representative samples of each material specified indicating visual characteristics and finish. Include range samples if variation of finish is anticipated.
- C. Extra Stock: Submit extra stock equal to 2% of total used.

1.03 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
- B. Performance: Fire performance meeting requirements of building code and local authorities.
- C. Provide materials and adhesives which do not contain asbestos.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Vinyl Plank Tile Flooring:
 - 1. Manufacturers: Armstrong World Industries, Azrock Industries, Tarkett or approved equal.
 - 2. Size: 6 by 48 inches.
 - 3. Size: 8.7 by 48 inches.
 - 4. Thickness: 1/8 inch.
 - a. Commercial grade.
 - b. Light commercial grade.
 - c. Residential grade.
 - 5. Wearing Surface: Smooth.
 - 6. Wearing Surface: Embossed.
- B. Auxiliary Materials:
 - 1. Edge strips and terminations.
 - 2. Feature strips and inlaid borders.
 - 3. Leveling compound.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Comply with manufacturer's instructions and recommendations. Install in proper relation to adjacent work.
- B. Prepare surfaces by cleaning, leveling and priming as required. Test adhesive for bond before general installation. Level to 1/8" in 10' tolerance.
- C. Tile Flooring: Install tile with tight joints and with one-way pattern. Layout to prevent less than 1/2 tile units.
- D. Clean, polish, and protect.

END OF SECTION

SECTION 09912 - PAINTING

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes surface preparation and field painting of exposed exterior and interior items and surfaces.

1.2 SUBMITTALS

- A. Product Data: For each product indicated.
- B. Samples: For each type of finish-coat material indicated.

1.3 QUALITY ASSURANCE

- A. Benchmark Samples (Mockups): Provide a full-coat benchmark finish sample for each type of coating and substrate required. Comply with procedures specified in PDCA P5.
 - 1. Wall Surfaces: Provide samples on at least 100 sq. ft.
 - 2. Small Areas and Items: Architect will designate items or areas required.
 - 3. Final approval of colors will be from benchmark samples.

1.4 PROJECT CONDITIONS

- A. Store materials not in use in tightly covered containers in a well-ventilated area at a minimum ambient temperature of 45 deg F. Maintain storage containers in a clean condition, free of foreign materials and residue.
- B. Apply waterborne paints only when temperatures of surfaces to be painted and surrounding air are between 50 and 90 deg F.
- C. Apply solvent-thinned paints only when temperatures of surfaces to be painted and surrounding air are between 45 and 95 deg F.
- D. Do not apply paint in snow, rain, fog, or mist; or when relative humidity exceeds 85 percent; or at temperatures less than 5 deg F above the dew point; or to damp or wet surfaces.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, products listed in other Part 2 articles.
- B. Manufacturers' Names: Shortened versions (shown in parentheses) of the following manufacturers' names are used in other Part 2 articles:
 - 1. Benjamin Moore & Co. (Benjamin Moore).
 - 2. ICI Dulux Paint Centers (ICI Dulux Paints).
 - 3. Kelly-Moore Paint Co. (Kelly-Moore).
 - 4. Mater Coatings Technologies, Inc. (Master Coatings).
 - 5. PPG Industries, Inc. (Pittsburgh Paints).
 - 6. Sherwin-Williams Co. (Sherwin-Williams).
 - 7. Tnemec

2.2 PAINT MATERIALS, GENERAL

- A. Material Compatibility: Provide block fillers, primers, and finish-coat materials that are compatible with one another and with the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.
- B. Material Quality: Provide manufacturer's best-quality paint material of the various coating types specified that are factory formulated and recommended by manufacturer for application indicated. Paint-material containers not displaying manufacturer's product identification will not be acceptable.
- C. Colors: As selected from manufacturer's full range.

2.3 PREPARATORY COATS

- A. Concrete Unit Masonry Block Filler: High-performance latex block filler of finish coat manufacturer and recommended in writing by manufacturer for use with finish coat and on substrate indicated.
- B. Exterior Primer: Exterior alkyd or latex-based primer of finish coat manufacturer and recommended in writing by manufacturer for use with finish coat and on substrate indicated.
 - 1. Ferrous-Metal and Aluminum Substrates: Rust-inhibitive metal primer.
 - 2. Zinc-Coated Metal Substrates: Galvanized metal primer.
 - 3. Where manufacturer does not recommend a separate primer formulation on substrate indicated, use paint specified for finish coat.
- C. Interior Primer: Interior latex-based or alkyd primer of finish coat manufacturer and recommended in writing by manufacturer for use with finish coat and on substrate indicated.
 - 1. Ferrous-Metal Substrates: Quick drying, rust-inhibitive metal primer.
 - 2. Zinc-Coated Metal Substrates: Galvanized metal primer.

3. Where manufacturer does not recommend a separate primer formulation on substrate indicated, use paint specified for finish coat.

2.4 EXTERIOR FINISH COATS

A. Exterior Low-Luster Acrylic Paint:

1. Benjamin Moore; Moorcraft Super Spec Low Lustre Latex House Paint No. 185.
2. ICI Dulux Paints; 2402-XXXX Dulux Professional Exterior 100 Percent Acrylic Satin Finish.
3. Master Coating; Scuffmaster ScrubTough Polyurethane fortified eggshell coating.
4. Pittsburgh Paints; 6-2000 Series SpeedHide Exterior House & Trim Satin--Acrylic Latex.
5. Sherwin-Williams; A-100 Exterior Latex Satin House & Trim Paint A82 Series.
6. Approved equal.

B. Exterior Full-Gloss Acrylic Enamel for Ferrous and Other Metals:

1. Benjamin Moore; Moore's IMC Acrylic Gloss Enamel M28.
2. ICI Dulux Paints; 3028-XXXX Dulux Interior/Exterior Acrylic Gloss Finish.
3. Pittsburgh Paints; 90-300 Series Pitt-Tech One Pack Interior/Exterior High Performance Waterborne High Gloss DTM Industrial Enamels.
4. Sherwin-Williams; DTM Acrylic Coating Gloss (Waterborne) B66W100 Series.
5. Approved equal.

2.5 INTERIOR FINISH COATS

A. Interior Flat Acrylic Paint:

1. Benjamin Moore; Moorecraft Super Spec Latex Flat No. 275.
2. ICI Dulux Paints; 1200-XXXX Dulux Professional Velvet Matte Interior Flat Latex Wall & Trim Finish.
3. Pittsburgh Paints; 6-70 Line SpeedHide Interior Wall Flat-Latex Paint.
4. Sherwin-Williams; ProMar 200 Interior Latex Flat Wall Paint B30W200 Series.
5. Approved equal.

B. Interior Low-Luster Acrylic Enamel:

1. Benjamin Moore; Moorcraft Super Spec Latex Eggshell Enamel No. 274.
2. ICI Dulux Paints; 1402-XXXX Dulux Professional Acrylic Eggshell Interior Wall & Trim Enamel.
3. Master Coating; Scuffmaster ScrubTough Polyurethane fortified eggshell coating.
4. Pittsburgh Paints; 6-400 Series SpeedHide Eggshell Acrylic Latex Enamel.
5. Sherwin-Williams; ProMar 200 Interior Latex Egg-Shell Enamel B20W200 Series.
6. Approved equal.

C. Interior Semigloss Acrylic Enamel:

1. Benjamin Moore; Moorcraft Super Spec Latex Semi-Gloss Enamel No. 276.

2. ICI Dulux Paints; 1406-XXXX Dulux Professional Acrylic Semi-Gloss Interior Wall & Trim Enamel.
3. Pittsburgh Paints; 6-500 Series SpeedHide Interior Semi-Gloss Latex.
4. Sherwin-Williams; ProMar 200 Interior Latex Semi-Gloss Enamel B31W200 Series.
5. Approved equal.

D. Interior Full-Gloss Alkyd Enamel for Gypsum Board:

1. Benjamin Moore; Moore's IMC Urethane Alkyd Enamel No. M22.
2. ICI Dulux Paints; 4308-XXXX Devguard Alkyd Industrial Gloss Enamel.
3. Pittsburgh Paints; 7-814 Series Pittsburgh Paints Industrial Gloss-Oil Interior/Exterior Enamel.
4. Sherwin-Williams; ProMar 200 Alkyd Gloss Enamel B35W200 Series.
5. Approved equal.

E. Interior Full-Gloss Alkyd Enamel for Wood and Metal Surfaces:

1. Benjamin Moore; Moore's IMC Urethane Alkyd Enamel No. M22.
2. ICI Dulux Paints; 4308-XXXX Devguard Alkyd Industrial Gloss Enamel.
3. Pittsburgh Paints; 7-814 Series Pittsburgh Paints Industrial Gloss-Oil Interior/Exterior Enamel.
4. Sherwin-Williams; ProMar 200 Alkyd Gloss Enamel B35W200 Series.
5. Approved equal.

PART 3 - EXECUTION

3.1 APPLICATION

- A. Comply with manufacturer's procedures specified for inspection and acceptance of surfaces to be painted.
- B. Coordination of Work: Review other Sections in which primers are provided to ensure compatibility of the total system for various substrates. On request, furnish information on characteristics of finish materials to ensure use of compatible primers.
- C. Remove hardware and hardware accessories, plates, machined surfaces, lighting fixtures, and similar items already installed that are not to be painted. If removal is impractical or impossible because of size or weight of the item, provide surface-applied protection before surface preparation and painting.
 1. After completing painting operations in each space or area, reinstall items removed using workers skilled in the trades involved.
- D. Surface Preparation: Clean and prepare surfaces to be painted according to manufacturer's written instructions for each particular substrate condition and as specified.
 1. Provide barrier coats over incompatible primers or remove and reprime.

2. Cementitious Materials: Remove efflorescence, chalk, dust, dirt, grease, oils, and release agents. Roughen as required to remove glaze. If hardeners or sealers have been used to improve curing, use mechanical methods of surface preparation.
 3. Wood: Clean surfaces of dirt, oil, and other foreign substances with scrapers, mineral spirits, and sandpaper, as required. Sand surfaces exposed to view smooth and dust off.
 - a. Scrape and clean small, dry, seasoned knots, and apply a thin coat of white shellac or other recommended knot sealer before applying primer. After priming, fill holes and imperfections in finish surfaces with putty or plastic wood filler. Sand smooth when dried.
 - b. Prime, stain, or seal wood to be painted immediately on delivery. Prime edges, ends, faces, undersides, and back sides of wood, including cabinets, counters, cases, and paneling.
 - c. If transparent finish is required, backprime with spar varnish.
 - d. Seal tops, bottoms, and cutouts of unprimed wood doors with a heavy coat of varnish or sealer immediately on delivery.
 4. Ferrous Metals: Clean ungalvanized ferrous-metal surfaces that have not been shop coated; remove oil, grease, dirt, loose mill scale, and other foreign substances. Use solvent or mechanical cleaning methods that comply with SSPC's recommendations.
 - a. Treat bare and sandblasted or pickled clean metal with a metal treatment wash coat before priming.
 - b. Touch up bare areas and shop-applied prime coats that have been damaged. Wire-brush, clean with solvents recommended by paint manufacturer, and touch up with same primer as the shop coat.
 5. Galvanized Surfaces: Clean galvanized surfaces with nonpetroleum-based solvents so surface is free of oil and surface contaminants. Remove pretreatment from galvanized sheet metal fabricated from coil stock by mechanical methods.
- E. Material Preparation:
1. Maintain containers used in mixing and applying paint in a clean condition, free of foreign materials and residue.
 2. Stir material before application to produce a mixture of uniform density. Stir as required during application. Do not stir surface film into material. If necessary, remove surface film and strain material before using.
- F. Exposed Surfaces: Include areas visible when permanent or built-in fixtures, grilles, convactor covers, covers for finned-tube radiation, and similar components are in place. Extend coatings in these areas, as required, to maintain system integrity and provide desired protection.
1. Paint surfaces behind movable equipment and furniture the same as similar exposed surfaces. Before final installation of equipment, paint surfaces behind permanently fixed equipment or furniture with prime coat only.
 2. Paint interior surfaces of ducts with a flat, nonspecular black paint where visible through registers or grilles.
 3. Paint back sides of access panels and removable or hinged covers to match exposed surfaces.

4. Finish exterior doors on tops, bottoms, and side edges the same as exterior faces.
- G. Sand lightly between each succeeding enamel or varnish coat.
- H. Scheduling Painting: Apply first coat to surfaces that have been cleaned, pretreated, or otherwise prepared for painting as soon as practicable after preparation and before subsequent surface deterioration.
 1. Omit primer over metal surfaces that have been shop primed and touchup painted.
 2. If undercoats, stains, or other conditions show through final coat of paint, apply additional coats until paint film is of uniform finish, color, and appearance.
- I. Application Procedures: Apply paints and coatings by brush, roller, spray, or other applicators according to manufacturer's written instructions.
- J. Minimum Coating Thickness: Apply paint materials no thinner than manufacturer's recommended spreading rate. Provide total dry film thickness of the entire system as recommended by manufacturer.
- K. Block Fillers: Apply block fillers to concrete masonry block at a rate to ensure complete coverage with pores filled.
- L. Prime Coats: Before applying finish coats, apply a prime coat, as recommended by manufacturer, to material that is required to be painted or finished and that has not been prime coated by others. Recoat primed and sealed surfaces where evidence of suction spots or unsealed areas in first coat appears, to ensure a finish coat with no burn-through or other defects due to insufficient sealing.
- M. Pigmented (Opaque) Finishes: Completely cover surfaces as necessary to provide a smooth, opaque surface of uniform finish, color, appearance, and coverage. Cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness, or other surface imperfections will not be acceptable.
- N. Stipple Enamel Finish: Roll and redistribute paint to an even and fine texture. Leave no evidence of rolling, such as laps, irregularity in texture, skid marks, or other surface imperfections.

3.2 CLEANING AND PROTECTING

- A. At the end of each workday, remove empty cans, rags, rubbish, and other discarded paint materials from Project site.
- B. Protect work of other trades, whether being painted or not, against damage from painting. Correct damage by cleaning, repairing or replacing, and repainting.
- C. Provide "Wet Paint" signs to protect newly painted finishes. After completing painting operations, remove temporary protective wrappings provided by others to protect their work.

1. After work of other trades is complete, touch up and restore damaged or defaced painted surfaces.

3.3 EXTERIOR PAINT SCHEDULE

- A. Concrete, Stucco, and Masonry (Previously painted surfaces):
 1. Acrylic Finish: Two finish coats.
 - a. Finish Coats: Exterior low-luster acrylic paint.
- B. Concrete, Stucco, and Concrete Unit Masonry (New construction):
 1. Acrylic Finish: One finish coat over a block filler at concrete masonry units; Two finish coats at Concrete and Stucco..
 - a. Block Filler: Concrete unit masonry block filler.
 - b. Finish Coats: Exterior low-luster acrylic paint.
- C. Smooth Wood Trim :
 1. Alkyd-Enamel Finish: One finish coat over a primer, delete primer at previously painted surfaces, use two finish coats.
 - a. Primer: Exterior wood primer for alkyd enamels.
 - b. Finish Coats: Exterior full-gloss alkyd enamel.
- D. Ferrous Metal:
 1. Alkyd-Enamel Finish: One finish coat over a rust-inhibitive primer at new construction, two finish coats at previously painted metal.
 - a. Primer: Exterior ferrous-metal primer (not required on shop-primed items).
 - b. Finish Coats: Exterior full-gloss alkyd enamel.
- E. Zinc-Coated Metal (New construction):
 1. Alkyd-Enamel Finish: One finish coat over a galvanized metal primer.
 - a. Primer: Exterior galvanized metal primer.
 - b. Finish Coats: Exterior full-gloss alkyd enamel.
- F. Zinc-Coated Metal (Previously painted):
 1. Alkyd-Enamel Finish: Two finish coats.
 - a. Finish Coats: Exterior full-gloss alkyd enamel.

3.4 INTERIOR PAINT SCHEDULE

- A. Concrete and Masonry (Other Than Concrete Unit Masonry):
 1. Acrylic Finish: One finish coat over a primer.
 - a. Primer: Interior concrete and masonry primer.
 - b. Finish Coats: Interior flat acrylic paint.
- B. Concrete Unit Masonry (New construction):

1. Acrylic Finish: Two finish coats over a block filler.
 - a. Block Filler: Concrete unit masonry block filler.
 - b. Finish Coats: Interior flat acrylic paint.

- C. Gypsum Board:
 1. Acrylic Finish: One finish coat (at previously painted gypsum board only); Two finish coats (at new construction only) over a primer.
 - a. Primer: Interior gypsum board primer.
 - b. Finish Coats: Interior low-luster acrylic enamel paint.

 2. Alkyd-Enamel Finish (Baths and Kitchens): Two finish coats over a primer at new construction; one finish coat over a primer at previously painted gypsum board.
 - a. Primer: Interior gypsum board primer.
 - b. Finish Coats: Interior semigloss alkyd enamel.

- D. Wood:
 1. Alkyd-Enamel Finish: Two finish coats over a primer.
 - a. Primer: Interior wood primer for semigloss alkyd-enamel finishes.
 - b. Finish Coats: Interior full-gloss alkyd enamel for wood.

- E. Zinc-Coated Metal:
 1. Alkyd-Enamel Finish: Two finish coats over a primer.
 - a. Primer: Interior zinc-coated metal primer.
 - b. Finish Coats: Interior semigloss alkyd enamel.

END OF SECTION

SECTION 10800 - TOILET AND BATH ACCESSORIES

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes the following:
 - 1. Toilet and bath accessories.
 - 2. Underlavatory guards.

1.2 SUBMITTALS

- A. Product Data: For each product indicated.
- B. Product Schedule: Indicating types, quantities, sizes, and installation locations by room of each accessory required. Use room and product designations indicated on Drawings.

1.3 WARRANTY

- A. Special Mirror Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace mirrors that develop visible silver spoilage defects within 15 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis-of-Design Products: The design for toilet and bath accessories described in Part 2 are based on products indicated. Subject to compliance with requirements, provide the named product or a comparable product by one of the following or approved equal:
 - 1. Toilet and Bath Accessories:
 - a. A & J Washroom Accessories, Inc.
 - b. American Specialties, Inc.
 - c. Bobrick Washroom Equipment, Inc.
 - d. Bradley Corporation.
 - e. General Accessory Manufacturing Co. (GAMCO).
 - f. McKinney/Parker Washroom Accessories Corp.
 - 2. Underlavatory Guards:
 - a. Brocar Products, Inc.

b. Truebro, Inc.

2.2 MATERIALS

- A. Stainless Steel: ASTM A 666, Type 304, No. 4 finish (satin), 0.0312-inch minimum nominal thickness, unless otherwise indicated.
- B. Brass: ASTM B 19, ASTM B 16, or ASTM B 30 castings.
- C. Steel Sheet: ASTM A 366/A 366M, 0.0359-inch minimum nominal thickness.
- D. Galvanized Steel Sheet: ASTM A 653/A 653M, G60.
- E. Chromium Plating: ASTM B 456, Service Condition Number SC 2 (moderate service).
- F. Baked-Enamel Finish: Factory-applied, gloss-white, baked-acrylic-enamel coating.
- G. Mirror Glass: ASTM C 1036, Type I, Class 1, Quality q2, nominal 6.0 mm thick, with silvering, electroplated copper coating, and protective organic coating complying with FS DD-M-411.
- H. Galvanized Steel Mounting Devices: ASTM A 153/A 153M, hot-dip galvanized after fabrication.
- I. Fasteners: Screws, bolts, and other devices of same material as accessory unit, tamper and theft resistant when exposed, and of galvanized steel when concealed.

2.3 TOILET AND BATH ACCESSORIES

A. Toilet Tissue Dispenser:

- 1. Basis-of-Design Product: 508; Bradex (Bradley Corp.).
- 2. Type: Single-roll dispenser.
- 3. Mounting: Surface mounted with concealed anchorage.
- 4. Material: Stainless steel.
- 5. Capacity: Designed for 4-1/2- or 5-inch diameter-core tissue rolls.

B. Grab Bar:

- 1. Basis-of-Design Product: 817; Bradley Corp.
- 2. Material: Stainless steel, 0.05 inch thick.
- 3. Mounting: Exposed.
- 4. Gripping Surfaces: Smooth, satin finish.
- 5. Outside Diameter: 1-1/2 inches for heavy-duty applications].

C. Shower Curtain Rod:

- 1. Basis-of-Design: 9531; Bradley Corp.
- 2. Stainless-steel shower curtain rod with 3-inch stainless-steel flanges designed for exposed fasteners, in length required for shower opening indicated.

3. Type: Heavy-duty, 1-1/4-inch OD; fabricated from nominal 0.05-inch thick stainless steel.
- D. Shower Curtain:
1. Basis-of-Design Product: 9533 (curtain) with 9536 (hooks).
 2. Material: Nylon-reinforced vinyl, minimum 10-oz. or 0.008-inch thick vinyl, with integral antibacterial agent.
 3. Grommets: Corrosion-resistant at minimum 6 inches o.c. through top hem.
 4. Size: Minimum 12 inches wider than opening by 72 inches high.
 5. Color: As selected from manufacturer's full range.
 6. Shower Curtain Hooks: Stainless-steel, spring wire curtain hooks with snap fasteners, sized to accommodate specified curtain rod. Provide one hook per curtain grommet.
- E. Folding Shower Seat:
1. Basis-of-Design Product: 956 Series; Bradley Corp.
 2. Configuration: L-shaped seat, designed for wheelchair access.
 3. Seat Material: Phenolic or polymeric composite one-piece construction. Color as selected from manufacturer's full range.
 4. Frame: Welded and ground smooth, 1 inch diameter 18 gauge stainless steel tubing with a 16 gauge stainless steel piano hinge at vertical connection and a 16 gauge stainless steel retaining bracket to hold the seat up (seating) or down (storage) position. Operation of seat by persons with limited mobility and strength required.
 5. Dimensions: 34-1/2" Wide, 22" Depth by manufacturer's standard dimension.
- F. Medicine Cabinet:
1. Basis-of-Design Product: 9663; Bradley Corp.
 2. Type: Recessed, for nominal 4-inch wall depth.
 3. Size: Cabinet: 13-5/8" by 23-1/2" by 3-3/8"; mirror door: 16" by 26" by 1-5/8".
 4. Construction: Corrosion-resistant steel cabinet. Mirror frame, door, hinge, and shelves of stainless steel.
 5. Door: Framed mirror door concealing storage cabinet equipped and with continuous hinge and magnetic door catch.
 6. Shelves: Three, adjustable.
- G. Toothbrush Holder:
1. Basis-of-Design Product: 924; Bradley Corp.
 2. Stainless-Steel Unit: With approximately 2-1/4-inch diameter hole in center to hold tumbler; 3 holes on each side to accommodate total of 6 toothbrushes; and rectangular wall bracket and backplate for concealed mounting.
- H. Towel Holder:
1. Basis-of-Design Product: 9065; Bradley Corp.
 2. Description: 18 or 24-inch long, as indicated, stainless-steel, 3/4-inch tube with rectangular end brackets and galvanized steel backplates for concealed mounting.
- I. Mop and Broom Holder:

1. Basis-of-Design Product: 9953; Bradley Corp.
2. Material: Stainless steel.
3. Length: 36 inches.
4. Mop/Broom Holders: Three, spring-loaded, rubber hat, cam type.

J. Free Standing Underlavatory Guard:

1. Basis-of-Design Product: LavGuard; Trubro, Inc.
2. Insulating Piping Coverings: White, antimicrobial, molded-vinyl covering for supply and drain piping assemblies intended for use at accessible lavatories to prevent direct contact with and burns from piping. Provide components as required for applications indicated with flip tops at valves that allow service access without removing coverings.

K. Enclosed Basin Guard:

1. Basis-of-Design: Basin Guard; Trubro, Inc.
2. Counters Between Cabinets: Rigid 0.093" thick vinyl, shaped to comply with the requirements of the ADA for clearances below sinks and lavatories, smooth enclosure.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install accessories using fasteners appropriate to substrate indicated and recommended by unit manufacturer. Install units level, plumb, and firmly anchored in locations and at heights indicated.
 1. Install grab bars to withstand a downward load of at least 250 lbf, when tested according to method in ASTM F 446.
- B. Adjust accessories for unencumbered, smooth operation and verify that mechanisms function properly. Replace damaged or defective items. Remove temporary labels and protective coatings.

END OF SECTION

SECTION 12370 - RESIDENTIAL CASEWORK

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes cabinets and countertops in kitchen, bath, and vanity locations.

1.2 SUBMITTALS

- A. Product Data: For cabinets, countertop material, and cabinet hardware.
- B. Shop Drawings: Include plans and elevations. Show materials, finishes, filler panels, hardware, countertop edge and backsplash profiles, cutouts for plumbing fixtures, and methods of joining countertops.
 - 1. Cabinets: Verify dimensions of installation areas by field measurements before fabrication and indicate measurements on Shop Drawings. Show fillers and scribes if necessary.
 - 2. Countertops: Verify dimensions of countertops by field measurements after base cabinets are installed but before countertop fabrication is complete.
- C. Samples: For each exposed finish.

1.3 QUALITY ASSURANCE

- A. Quality Standards:
 - 1. Cabinets: KCMA Certification: Provide cabinets with KCMA's "Certified Cabinet" seal affixed in a semiexposed location of each unit and showing compliance with KCMA A161.1.
 - 2. Plastic-Laminate Countertops: KCMA A161.2.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Products: Subject to compliance with requirements, cabinets that may be incorporated into the Work include, but are not limited to, the following:
 - 1. Milbridge II, Essentials Series; Merillat Industries.
 - 2. IXL, Premier Series; Triangle Pacific Corp.
 - 3. Approved equal

2.2 COLORS, TEXTURES, AND PATTERNS

- A. Colors, Textures, and Patterns: As selected from manufacturer's full range, unless otherwise indicated.

2.3 CABINET MATERIALS

A. Exposed Materials:

1. Exposed Wood Species: Red oak. Do not use two adjacent exposed faces that are noticeably dissimilar in color, grain, figure, or natural character markings.
2. Solid Wood: Clear hardwood lumber of species indicated, free of defects, selected for compatible grain and color, and kiln dried to 7 percent moisture content.
3. Plywood: Hardwood plywood complying with HPVA HP-1 with face veneer of species indicated, selected for compatible color and grain with Grade A faces.

B. Semiexposed Materials: Unless otherwise indicated, provide the following:

1. Solid Wood: Sound hardwood lumber, selected to eliminate appearance defects and kiln dried to 7 percent moisture content. Stained to be compatible with exposed surfaces.
2. Plywood: Hardwood plywood complying with HPVA HP-1 with Grade C faces stained to be compatible with exposed surfaces.
3. Plastic Laminate: Manufacturer's standard decorative laminate, complying with grade VGS.

C. Concealed Materials:

1. Solid Wood or Plywood: Any hardwood or softwood species, with no defects affecting strength or utility. Hardwood and softwood lumber kiln dried to 7 and 10 percent moisture content, respectively.

2.4 COUNTERTOP MATERIALS

- A. Plywood: Exterior softwood plywood complying with PS 1, Grade C-C Plugged, touch sanded.

- B. Solid-Surfacing Material: Homogeneous solid sheets of filled plastic resin complying with material and performance requirements of ANSI Z124.3, Type 5 or Type 6, without a precoated finish.

1. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Avonite, Inc.
 - b. DuPont Polymers.
 - c. Formica Corp.
 - d. Nevamar Corp.
 - e. Swan Corporation (The).
 - f. Wilson, Ralph Plastics Co.

2. Color and Pattern: As selected from manufacturer's full range.

2.5 CASEWORK HARDWARE

- A. General: Complying with BHMA A156.9, of type, material, size, and finish as selected from manufacturer's standard choices.
- B. Drawer Guides: Epoxy-coated-metal, self-closing drawer guides; designed to prevent rebound when drawers are closed; with nylon-tired, ball-bearing rollers; and complying with BHMA A156.9, Type B05091.

2.6 CABINET CONSTRUCTION

- A. Face Style: Reveal overlay; door and drawer faces partially cover cabinet body or face frames.
- B. Face Frames: 3/4-by-1-1/2-inch solid wood.
- C. Door Fronts: 1/2-inch thick, veneer-faced plywood with solid hardwood stiles and rails trim.
- D. Drawer Fronts: 3/4 inch thick wood with machined edges of 1/2 inch thick veneered plywood with trim to match doors.

2.7 SOLID-SURFACING-MATERIAL COUNTERTOPS

- A. Configuration: Fabricate countertops with the following front and backsplash style:
 1. Front: 1-1/2-inch laminated bullnose.
 2. Backsplash: Radius edge with 3/8-inch radius.
- B. Construction: 3/4-inch thick, solid-surfacing-material countertops and backsplashes. Where cabinet width exceed 32 inches mount solid surfacing material to 1/2 inch thick plywood supporting layer.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install casework without variations in plane of adjoining surfaces; use concealed shims. Where casework abuts other finished work, scribe and cut for accurate fit. Provide filler strips, scribe strips, and moldings in finish to match casework face.
- B. Install casework and countertop level and plumb to a tolerance of 1/8 inch in 8 feet.
- C. Fasten cabinets to adjacent units and to backing.

1. Fasten wall cabinets through back, near top and bottom, at ends and not less than 24 inches o.c. with a minimum of two galvanized screws per cabinet per location.
- D. Fasten plastic-laminate countertops by screwing through corner blocks of base units into underside of countertop. Use splines to form seams that align with adjacent surfaces, and secure with glue and concealed clamping devices designed for this purpose.
1. Apply two coats of sanding sealer to all cutouts and edges of plywood supporting countertop.
- E. Fasten solid-surface countertops by screwing through corner blocks of base units into underside of countertop. Align adjacent surfaces, and form seams to comply with manufacturer's written instructions using adhesive in color to match countertop. Carefully dress joints smooth, remove surface scratches, and clean entire surface.
1. Apply two coats of sanding sealer to all cutouts and edges of plywood supporting countertop.
- F. Adjust casework and hardware so doors and drawers are centered in openings and operate smoothly without warp or bind. Lubricate operating hardware as recommended by manufacturer.

END OF SECTION

SECTION 15420 – PLUMBING SYSTEMS

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes testing, repairs and new work and fixtures to provide a plumbing system in each apartment.
 - 1. Demolish all fixtures required for new work, except those indicated to remain. Cap all open lines and pressure test the piping system to identify leaks.
 - 2. Repair all leaks and add new piping required to service new fixtures.
 - 3. Provide new fixtures as indicated. Clean all fixtures scheduled to remain to exhibit minimal signs of wear or discoloration.
 - 4. Coordinate work with other phases of the contract and schedule tests, inspections, and approvals to expedite the Work.
- B. Design engineering and product selection that assures efficient operation of a sanitary sewer and water supply system capable of maintaining all fixtures in operation and perform within acceptable standards established by the Sewerage and Water Board of New Orleans.

1.2 QUALITY ASSURANCE

- A. License: System shall be installed by a Master Plumber licensed by the City of New Orleans with other special licensed workers as required to complete the installation of the system.
- B. Fire-Test-Response Characteristics: UL listed units.
- C. Plumbing Fixtures: Comply with ASTM standards referenced.

PART 2 – PRODUCTS

2.1 MATERIALS

- A. Materials shall be manufacturer's standard product line in use for a minimum of 2 years prior to installation and approved by the Sewerage and Water Board.
 - 1. The use of plastic piping materials approved by the Sewerage and Water Board are not to be considered as approved for this Work.
 - 2. The only flexible piping to be used will be AGA approved type for the minimal length necessary to connect the stove to the gas valve.
- A. Equipment shall include trim, appearances, and minor items needed to function as designed. Manufacturer's installation instructions may not be modified unless authorized by HANO and approved by the authorities having jurisdiction.

2.2 COMPONENTS

- A. Copper Piping: Type L, standard weight; fittings of wrought bronze. Hangers of punched galvanized steel strap.
- B. Soil Pipe: Schedule 40 No-hub cast-iron.
- C. Gas Pipe: ASTM A 120, Schedule 40 black iron. Hangers of malleable iron ring type or steel clevis type with a minimum 1/8-inch diameter steel rod hanger and mounting plate.
- D. Valves (Water/Interior): Gate type, bronze body gate type with compression, solder, or threaded connections as appropriate to installation.
- E. Hose Bibs:
 - 1. Interior: Chicago #387-RCF, 3/4-inch male outside thread outlet, with compression cartridge, removable handle.
 - 2. Exterior: Chicago # 998-RCF inside sill faucet with vacuum breaker, 3/4-inch male hose thread outlet with removable tee handle.
- F. Stops (Gas/Interior): Threaded, AGA certified, bronze body, plug type with bronze plug, ball type with chrome-plated brass ball, or butterfly type with stainless steel disc and fluorocarbon elastomer seal. Include AGA stamp, flat or square head or lever handle.
- G. Valve (Gas): Threaded, ASME B16.33, 125 psi WOG, bronze body, bronze plug, straightaway pattern, square head, tapered-plug type, with threaded ends.
- H. Pipe Insulation: 1/2-inch thick rigid fiberglass insulation with all service jacket.
- I. Tubs: Cast iron, enameled, comply with ASME A112.19.4M. Nile #012-15XX Series, outlet location as applicable; Eljer Plumbing Co., or equal.
 - 1. Faucets: #7220.722, Bath shower fittings; American Standard, Inc
 - 2. ADA Shower: #1662.602, Personal shower system; American Standard, Inc., addition to standard faucet.
 - 3. Drain: Chrome plated brass with integral stopper
- J. Toilets: Vitreous china, siphon jet action fully glazed 2" trapway, elongated bowl, comply with ASME A 112.19.2M. #90160 Lutezia; American Standard, Inc., with Model 9400 C plastic open front seat with #300 series hardware; Church Seat Co.
- K. Lavatories: Drop-in or self-rimming cast iron, enameled, comply with ASME A112.19.1M, integral overflow, 4" centers or single lever handle.
 - 1. Drop-in: 052-0254, Amherst Lavatory; Eljer Plumbing Co., with # 1480.115 Seva centerset faucet; American Standard Inc.
 - 2. Self-Rimming (Wall Supported): #0356.041, Lucerne with #1480.115 Seva centerset faucet; American Standard Inc.
 - 3. ADA (Wall Supported): # 9141.011, Wheelchair Users Lavatory with # 1480.115 centerset faucet; American Standard Inc.

- L. Sinks: Stainless steel 8 inches deep, minimum 20 gauge with sound deadening without spray attachment. PSR-3319; Elkay with # 6270.000 two-handle kitchen faucet with #972 handles; American Standard.
- M. Fixtures: Chrome plated solid cast brass, compression fittings with ceramic seats. 4" centers at lavatories, 8" centers at sinks.
- N. Water Heaters: Steel tank with copper lining complying with ANSI Z21.10.1, AGAL approved with safety gas valve to automatically shut off gas supply if pilot is extinguished. Relief valve complying with ANSI Z21.22.
- O. Flue: Minimum 20 gauge galvanized sheet metal, double walled.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Remove defective and deteriorated piping and fixtures and clean lines to street prior to installation of new materials.
- B. Install as per manufacturer's installation instructions and requirements of the New Orleans Sewerage and Water Board.
- C. Flush system of loose materials prior to installation of aerators.

1.3 PIPING

- A. Support or hang piping from building framing, pipes shall not be supported from conduit, building trim, or other non-structural items.
 - 1. Cast iron: Within 18-inches of joints and not exceeding 60-inch intervals.
 - 2. Gas piping: Within 12-inches of joints and not exceeding 96-inch intervals.
 - 3. Water piping: Within 8-inches of joints and not exceeding 72-inch intervals.
 - 4. All piping: At floor or within 8-inches of floor when penetrating the floor.
- B. Lay water piping to drain and sewer piping to house connections with a fall of 1/8-inch per foot to one inch per ten feet as required by S&WB. Support drain and sewer piping underground or under slab from the slab or structure with 1/8-inch stainless steel rods wrapped around the pipe and tied to the slab reinforcing or secured to the building framing. Trenches for buried piping with smooth bottoms with depressions for pipe bells. Remove bricks, metal, and other debris from trenches prior to laying pipes. If trenches are dug deeper than required, raise bottom using pumped river sand as a fill material,
- C. Install piping to be concealed in walls or floors with minimum offsets. Locate cleanouts to be accessible after partitions are constructed. Provide access doors in partitions to service cleanouts.
- D. Install air chambers to limit water hammer on branches of all water supply lines.

- E. Provide valves at all equipment to allow for removal or repair of the item of equipment without affecting the balance of the plumbing system.
- F. Insulate concealed water supply lines.
- G. Run gas piping required to be exposed to view in corners adjacent to ceilings.
- H. Provide chrome plated brass echelons where pipes penetrate walls or floors.

END OF SECTION

SECTION 230500 MECHANICAL/PLUMBING

PART 1 **GENERAL**

1.1 **RELATED SECTIONS**

- .1 Section 01 33 00 - Submittal Procedures.
- .2 Section 01 74 21 - Construction / Demolition Waste Management and Disposal.
- .3 Section 01 78 00 - Closeout Submittals.

1.2 **SUBMITTALS**

- .1 Submittals: in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Shop drawings; submit drawings stamped and signed for approval by Owner's Representative.
- .3 Shop drawings to show:
 - .1 Mounting arrangements.
 - .2 Operating and maintenance clearances.
- .4 Shop drawings and product data accompanied by:
 - .1 Detailed drawings of bases, supports, and anchor bolts.
 - .2 Acoustical sound power data, where applicable.
 - .3 Points of operation on performance curves.
 - .4 Manufacturer to certify current model production.
 - .5 Certification of compliance to applicable codes.
- .5 In addition to transmittal letter referred to in Section 01 33 00 - Submittal Procedures: use MCAC "Shop Drawing Submittal Title Sheet". Identify section and paragraph number.
- .6 Closeout Submittals:
 - .1 Provide operation and maintenance data for incorporation into manual specified in Section 01 78 00 - Closeout Submittals.
 - .2 Operation and maintenance manual approved by, and final copies deposited with, Owner's Representative before final inspection.
 - .3 Operation data to include:
 - .1 Control schematics for systems including environmental controls.
 - .2 Description of systems and their controls.
 - .3 Description of operation of systems at various loads together with reset schedules and seasonal variances.
 - .4 Operation instruction for systems and component.
 - .5 Description of actions to be taken in event of equipment failure.
 - .6 Valves schedule and flow diagram.

- .7 Colour coding chart.
- .4 Maintenance data to include:
 - .1 Servicing, maintenance, operation and trouble-shooting instructions for each item of equipment.
 - .2 Data to include schedules of tasks, frequency, tools required and task time.
- .5 Performance data to include:
 - .1 Equipment manufacturer's performance datasheets with point of operation as left after commissioning is complete.
 - .2 Equipment performance verification test results.
 - .3 Special performance data as specified.
 - .4 Testing, adjusting and balancing reports as specified in Section 23 05 93 - Testing, Adjusting and Balancing for HVAC.
- .6 Approvals:
 - .1 Submit 2 copies of draft Operation and Maintenance Manual to Owner's Representative for approval. Submission of individual data will not be accepted unless directed by Owner's Representative.
 - .2 Make changes as required and re-submit as directed by Owner's Representative.
- .7 Additional data:
 - .1 Prepare and insert into operation and maintenance manual additional data when need for it becomes apparent during specified demonstrations and instructions.
- .8 Site records:
 - .1 Owner's Representative will provide 1 set of reproducible mechanical drawings or AutoCAD files. Provide sets of white prints as required for each phase of work. Mark changes as work progresses and as changes occur. Include changes to existing mechanical systems, control systems and low voltage control wiring.
 - .2 Transfer information weekly to reproducibles, revising reproducibles to show work as actually installed.
 - .3 Use different colour for each service.
 - .4 Make available for reference purposes and inspection.
- .9 As-built drawings:
 - .1 Prior to start of Testing, Adjusting and Balancing for HVAC, finalize production of as-built drawings.
 - .2 Identify each drawing in lower right hand corner in letters at least 12 mm high as follows: - "AS BUILT DRAWINGS: THIS DRAWING HAS BEEN REVISED TO SHOW MECHANICAL SYSTEMS AS INSTALLED" (Signature of Contractor) (Date).
 - .3 Submit to Owner's Representative for approval and make corrections as directed.
 - .4 Perform testing, adjusting and balancing for HVAC using as-built drawings.

.5 Submit completed reproducible as-built drawings with Operating and Maintenance Manuals.

.10 Submit copies of as-built drawings for inclusion in final TAB report.

1.3 QUALITY ASSURANCE

.1 Quality Assurance: in accordance with Section 01 45 00 - Quality Control.

.2 Health and Safety Requirements: do construction occupational health and safety in accordance with Section 01 35 29.06 - Health and Safety Requirements.

1.4 MAINTENANCE

.1 Furnish spare parts in accordance with Section 01 78 00 - Closeout Submittals as follows:

.1 One set of packing for each pump.

.2 One casing joint gasket for each size pump.

.3 One head gasket set for each heat exchanger.

.4 One glass for each gauge glass.

.5 One filter cartridge or set of filter media for each filter or filter bank in addition to final operating set.

.2 Provide one set of special tools required to service equipment as recommended by manufacturers and in accordance with Section 01 78 00 - Closeout Submittals.

.3 Furnish one commercial quality grease gun, grease and adapters to suit different types of grease and grease fittings.

1.5 DELIVERY, STORAGE, AND HANDLING

.1 Waste Management and Disposal:

.1 Construction/Demolition Waste Management and Disposal: separate waste materials for reuse and recycling in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.

PART 2 PRODUCTS

2.1 MATERIALS

.1 All materials used on this project shall be new and CSA approved unless noted otherwise.

PART 3 EXECUTION

3.1 PAINTING, REPAIRS AND RESTORATION

.1 Do painting in accordance with Section 09 91 23 - Interior Painting.

.2 Prime and touch up marred finished paintwork to match original.

.3 Restore to new condition, finishes which have been damaged.

3.2 CLEANING

- .1 Clean interior and exterior of all systems including strainers. Protect open ends of ducts, diffusers, grilles and registers during construction to prevent ingress of dust and dirt into interior of ducts. If dust or dirt is detected prior to startup, vacuum interior of all ducts and air handling units. Prior to vacuuming use video camera to record condition of ductwork. Also use video camera to record condition of ducts after cleaning.

3.3 FIELD QUALITY CONTROL

- .1 Site Tests: conduct following tests in accordance with Section 01 45 00 - Quality Control and submit report as described in PART 1 - SUBMITTALS.
 - .1 Submit tests as specified in other sections of this specification.
- .2 Manufacturer's Field Services:
 - .1 Obtain written report from manufacturer verifying compliance of Work, in handling, installing, applying, protecting and cleaning of product and submit Manufacturer's Field Reports as described in PART 1 - SUBMITTALS.
 - .2 Provide manufacturer's field services consisting of product use recommendations and periodic site visits for inspection of product installation in accordance with manufacturer's instructions.
 - .3 Schedule site visits, to review Work, as directed in PART 1 - QUALITY ASSURANCE.

3.4 DEMONSTRATION

- .1 Owner's Representative will use equipment and systems for test purposes prior to acceptance. Contractor to supply labour, material, and instruments required for testing.
- .2 Supply tools, equipment and personnel to demonstrate and instruct operating and maintenance personnel in operating, controlling, adjusting, trouble-shooting and servicing of all systems and equipment during regular work hours, prior to acceptance.
- .3 Use operation and maintenance manual, as-built drawings, and audio visual aids as part of instruction materials.
- .4 Instruction duration time requirements as specified in appropriate sections.
- .5 Owner's Representative may record these demonstrations on video tape for future reference.

3.5 PROTECTION

- .1 Protect equipment and systems openings from dirt, dust, and other foreign materials with materials appropriate to system

END OF SECTION

SECTION 16020 – ELECTRICAL SYSTEMS

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes wiring, conduit, connectors, boxes and panelboards up to 600 volts.
 - 1. If surface mounted wireway components are indicated, refer to Section 16022 for that raceway and components.
- B. This Section includes renovations and limited improvements to the electrical system as indicated and requires those items required by codes, reasonably inferred, and the following items:
 - 1. Electrical demolition.
 - 2. Building wire, connections, and splices for branch circuits and feeders.
 - 3. Supporting devices for electrical components.
 - 4. Light fixtures, duplex receptacles, switches, and cover plates.
 - 5. Empty boxes with solid cover plates and pull string for telephone and data outlets.
 - a. Provide EMT conduit through joists, walls, and blocking from service locations to an interface location.
 - b. Sleeved through wall EMT conduit and cap with pull string from the interface location through the exterior wall to establish a service drop for telephone and data wiring furnished by others.
 - 6. Connection of electrical power and control switches to items listed in other Sections:
 - a. Range Hood.
 - b. Heater Light Vent at Bathroom.
 - c. HVAC System (electrical power only).
- C. Systems and equipment furnished by approved manufacturers may require different number or arrangement of conductors than that indicated, in such cases, provide the wiring and components as required to properly service the equipment or system at no additional cost to HANO.
- D. The drawings are schematic and final location of the components and wiring may be adjusted to locations within 5 feet of those shown at no additional cost to HANO.

1.2 QUALITY ASSURANCE

- A. **Installer License:** Installer shall have not less than 5 years successful experience in the installation of electrical systems. Installer shall be an Electrician licensed by the City of New Orleans with other special licensed workers as required to complete the installation of the system.

- B. Fire-Test-Response Characteristics: UL listed components.
- C. Manufacturers: Firms regularly engaged in manufacture of electrical components of types required, whose products have been in satisfactory use in similar service for not less than 5 years.
- D. Special Warranty: Provide 2 year written warranty covering all wiring and components furnished and installed in that the Contractor agrees to supply and install, free of charge, complete replacement of failed component.

1.3 DELIVERY, STORAGE AND HANDLING

- A. Deliver wiring according to NEMA WC-26.
- B. Deliver other components in manufacturer's standard packaging.
- C. Securely store materials protected from the weather, condensation, dirt, and construction debris.
- D. Do not install damaged or defective materials. When found, remove unsuitable materials from the project site.

PART 2 – PRODUCTS

2.1 MATERIALS

- A. General: Unless specifically noted otherwise, all wire and cable shall be copper, labeled by Underwriters' Laboratory. Electrical Materials and Devices: Comply with NFPA 70 (NEC).

2.2 WIRING

- B. Wire up to No. 12 AWG shall be single conductor annealed copper, 600 volt thermoplastic insulation with nylon jacket, suitable for use wet or dry locations, temperatures not to exceed 90 degrees C, NEC Type THHN.
- C. The use of aluminum conductors is prohibited.
- D. Wire and cable shall be as manufactured by Anaconda, Okonite, Triangle or approved equal.

2.3 CONDUIT

- A. EMT (Electrical Metallic Tubing) shall comply with ANSI C 80.3 with connectors and couplings equal to "T&B" rain tight, steel compression type. Connectors and couplings with nylon insulated throat equal to Thomas and Betts Co., series 5120 and 5123. Die cast zinc fittings are not permitted.

- B. Approved manufacturers of EMT include but are not limited to the following:
 - 1. Allied Tube and Conduit.
 - 2. Triangle PWC, Inc.
 - 3. Wheatland Tube Co.

- C. RMC (Rigid Metallic Conduit) shall be heavy walled galvanized steel conduit complying with ANSI C80.5. Fittings shall be cast or malleable iron, cadmium or zinc-plated with taper threads and tapped holes for screws attaching neoprene gasket cover of an appropriate material. Fittings shall provide maximum wiring space Appleton Form 35, Crouse-Hinds Form 7, or approved equal.

- D. Approved manufacturers of RMC include but are not limited to the following:
 - 1. Allied Tube and Conduit.
 - 2. Triangle PWC, Inc.
 - 3. Wheatland Tube Co.

2.4 BOXES

- A. Boxes: Galvanized steel in compliance with NEC 370-20 and NEMA OS 1 grounded in accordance with NEC, Article 250.

- B. Sheet metal boxes for exterior and wet locations shall comply with NEMA OS 1, cast-metal boxes shall comply with NEMA FB 1, Type FD with gasketed cover.

2.5 DEVICES

- A. Standard Receptacles: Commercial specification Grade with corrosion-resistant plated steel strap locked in impact-resistant face. Duplex receptacles, straight blade heavy-duty, 60HZ, UL listed with screw side connections and corrugated bearing pads. Pass & Seymour CRB 526X (15 A) or CRB536X (20A) series or equal. Provide weather resistant die cast aluminum covers with gasket and closing lids at exterior locations.

- B. GFCI Receptacles: Feed-through with integral NEMA WD 6 configuration 5-20R duplex receptacle arranged to protect connected downstream receptacles on same circuit. Units to fit within a standard 2-3/4 inch deep outlet box. "test" and "reset" buttons on face.

- C. Switches: Comply with UL Standard 20 and Federal Specification WS896. Snap heavy-duty commercial Grade AC, side wire type, quite type. Pass & Seymour CS20AC series or equal.

- D. Wall Plates: Smooth plastic modular, configured to match where being installed, color as selected with matching finished mounting screws. TP Series (3/16-inches higher and wider than standard) by Pass & Seymour or equal.

- C. Approved manufacturers of devices include but are not limited to the following:
 - 1. Eagle Electrical Manufacturing Co..

2. Hubble, Inc.
3. Pass & Seymour Co.

2.6 SAFETY SWITCHES

- A. Fused disconnect, NEMA 3R enclosure at exterior locations. Install fuses as required by equipment being served.

2.7 DISTRIBUTION PANELS

- A. NEMA I enclosure UL Listed, dead front construction, incorporating switching and protective devices, copper busbars, full-size ground bus with suitable lugs for each feeder requiring a neutral connection recessed mounted unless otherwise indicated. Molded case current-limiting circuit breakers with trip units interchangeable within frame size. Spaces for future switching and protection devices shall be bussed for the maximum device that can be fitted into them. Panelboards shall comply with standards of NEMA, NEC, and Federal Specification 115a.
- B. Panelboard ratings shall be established by UL standards to assure that any conductor of bus bar temperature not exceed 50 degrees C. above ambient.
- C. Circuit breakers in panelboards UL listed molded case center over toggle-type mechanism, providing quick-make, quick-break action, trip indication by handle position. Multiple pole breakers shall have a common trip.
- D. Interiors of panelboards shall be factory assembled and provide for replacement of switching and protective devices without removing
- E. Basis of Design: Cutler-Hammer; Type PRL1a. Approved manufacturers and furnishing equal panelboards include but are not limited to the following:
 1. Semens, Inc.
 2. General Electric Co.
 3. Square D Co.

2.7 SMOKE DETECTORS

- A. Smoke Detectors with Audible and Visual Alarms: AC powered with flush mounted test button to discourage unauthorized activation and allow full function testing, complying with ANSI/UL 217, 360 degree smoke entry capability for either wall or ceiling mounting. One or more units per apartment shall have Xenon strobe light with a minimum effective intensity of 110 candela with a minimum frequency of 60 but not exceeding 120 flashes per minute tested complying with UL 1638.
- B. Basis of Design: Firewolf Advanced P/E Smoke Detector by Napco.

2.7.1 FIXTURES:

- A. Commercial type with standard mogul base for incandescent lamps, medium bi-pin for fluorescent lamps.
- B. All fixtures in a unit shall have the same color metallic trim.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install as per manufacturer's installation instructions, NEC, and requirements of the City of New Orleans. Obtain necessary inspections from the City of New Orleans sequenced with other work.
- B. Test existing circuits for continuity and inspect system components for physical damage. Remove defective and replace with new components discovered to be defective. Remove shorted or damaged wiring and replace with new if required for new layout. Verify proper grounding of system and or install new ground electrode and wiring prior to installing any new work.
- C. As far as practicable, feeder wiring shall be continuous from origin to termination. If required, splices shall occur in pull boxes with sufficient slack at the terminals.
- D. Provide EMT conduit for conductors concealed within finished walls, ceilings or floors. Provide RMC for conductors underground, connecting service drops (weather heads) to meter pans and from meter pans to panelboards. Use surface mounted raceways at existing interior masonry or concrete construction as indicated and if not indicated as authorized by HANO.
- E. Install pull and junction boxes as indicated and as may be required to avoid obstructions and facilitate installation of wiring and components. Connections and splices shall occur only in outlet, junction, or other types of boxes. Splices and direct connections shall not occur in conduit.
- F. Solidly anchor boxes to framing set to flush out with gypsum board, other wall finishes, and trim if necessary. Support of boxes by conduit or tubing is prohibited.
- G. All cable terminals, taps and splices shall be made using copper or copper alloy solderless pressure type connectors. Connectors shall be taped with No. 33 Scotch Electrical Tape. Conductors up to and including No. 8 to be pigtail spliced with Scotchlock Type B or R connector or Ideal two piece connector having a metallic crimp type connector with a insulating plastic cover.
- H. Locate disconnect switches and weatherproof service duplex receptacle adjacent to the air conditioning compressor units within sight of equipment being served.

- I. Locate new outlets at 18-inches above the floor if all outlets in the room are being replaced, otherwise mount outlets at same height as existing outlets.
- J. Locate switches at standard heights mandated by the ADA and coordinated with door locations and swings. If existing switches are to remain in service, mount new switches in the same room at the same height as existing.
- K. Install smoke detectors at locations required powered by an un-switched line, and that alarm initiation by one detector activities all other detectors. Test detectors prior to final inspection. Identify the un-switched conductors in the panel box and in concealed spaces with a red painted mark not less than 2-inches wide at 12-inches o.c. and at connection points.
- L. Test all wiring for continuity prior to energizing.
- M. Install temporary porcelain base single bulb lighting fixtures or similar low cost fixtures for construction usage. Install new fixtures after painting operations are completed. Install all fixtures firmly anchored to supporting construction. Do not support lights from ducts, conduit or other construction not recommended by the fixture manufacturer.
- N. Protect devices and plates during painting and other finish operations.
- H. Megg and test the electrical system to verify continuity, proper consistent grounding of each outlet, and equal balancing of loads. Identify circuits and provide that information at the panelboard directory and on Record Drawings.
- I. Prior to Substantial Completion install new lamps in incandescent fixtures.

END OF SECTION

INVITATION FOR BIDS (IFB) No. 23-913-42 INTERIOR/EXTERIOR MAKE READY REPAIRS DT SS AND FISCHER

“NO BID” RESPONSE FORM

If you do not wish to bid/submit a bid on this solicitation, please provide written notification of your decision. Your responses assist with planning future solicitations. Please indicate below in the appropriate area the reason(s) for your decision and return this page. Responses do not prohibit you from receiving future opportunities unless you request to be removed from future communications. This form may be returned to the address listed below, emailed to procurement@hano.org, or faxed to 504-286-8224.

Check all that apply:

- I am submitting a “No Bid” at this time.
Please keep my name on the Agency’s Bidder’s List.
 - Too busy at this time
 - Job too small
 - Job too large
 - Territory too large to cover
 - Cannot meet delivery requirements
 - I cannot meet the Terms and Conditions of the solicitation because:
 - I do not provide products/services of this nature.
 - Insufficient time to respond to solicitation
 - Unable to meet bond/insurance requirements
 - Specifications too restrictive. Please explain:

 - Specifications unclear. Please explain:

 - Other: _____
- Please remove my name from this product/service category. I wish to submit a revised Vendor Registration Form. You may receive a copy by email by contacting Procurement at procurement@hano.org .
- I no longer wish to do business with Housing Authority of New Orleans. Please remove my name from the Agency’s Source List(s).

Name of Company

Date

Printed Name of Authorized Representative

Phone Number

Signature of Authorized Representative

Email

Please return this completed form to:
Housing Authority of New Orleans
Procurement & Contracts Department
4100 Touro St.
New Orleans, LA 70122
Email: procurement@hano.org Fax: 504-286-8224

IFB Attachment A (Form of Bid)



INVITATION FOR BIDS (IFB) No. 23-913-42 INTERIOR/EXTERIOR MAKE READY REPAIRS DT SS AND FISCHER

FORM OF BID
(ATTACHMENT A)

(This Form must be fully completed and included in the "hard copy" bid submittal.)

Instructions: Unless otherwise specifically required, the items listed below must be completed and included in the bid submittal. Please complete this form by marking an "X," where provided, to verify that the referenced completed form or information has been included within the "hard copy" bid submittal submitted by the bidder. Also, complete the Section 3 Statement and the Bidder's Statement as noted below:

X=ITEM INCLUDED	SUBMITTAL ITEMS <i>(One original and Three copies of each bid, including one with original signatures)</i>
_____	1 Form of Bid (Attachment A)
_____	2 Form HUD-5369-A (Attachment G)
_____	3 Form SF-LLL (Disclosure of Lobbying Activities (Attachment B-1)
_____	4 Form HUD-50071 (Certification of Payments to Influence Federal Transactions (Attachment B-2)
_____	5 Form HUD-50070 - (Certification of a Drug-Free Workplace (Attachment B-3)
_____	6 Profile of Firm Form (Attachment C)
_____	7 Entry of Proposed Fees (Louisiana Uniform Public Work Bid Form (Attachment I)
_____	8 Acknowledgment of Addenda
_____	9 Equal Employment Opportunity Policy/Statement
_____	10 Certification of Contractor Non-Exclusion
_____	11 Subcontractor/Joint Venture Information
_____	12 Section 3 Business Preference Documentation
_____	13 Statement of Bidder's Qualifications (Attachment P)
_____	14 Vendor Registration Form (Attachment L)
_____	15 Corporate Resolution (Attachment R)

SECTION 3 STATEMENT

Are you claiming a Section 3 business preference? YES or NO. If "YES," pursuant to the Section 3 portion within the Conditions and Specifications, and pursuant to the documentation justifying such, which priority are you claiming? _____.

BIDDER'S STATEMENT

The undersigned bidder hereby states that by completing and submitting this Form and all other documents within this bid submittal, he/she is verifying that all information provided herein is, to the best of his/her knowledge, true and accurate, and that if the HA discovers that any information entered herein to be false, such shall entitle the HA to not consider or make award or to cancel any award with the undersigned party. Further, by completing and submitting the bid submittal, and by entering and submitting the costs where provided within the noted Internet System, the undersigned bidder is thereby agreeing to abide by all terms and conditions pertaining to this IFB as issued by the HA, either in hard copy or on the noted Internet System, including an agreement to execute the attached Sample Contract form. Pursuant to all IFB Documents, this Form of Bid, and all attachments, and pursuant to all completed Documents submitted, including these forms and all attachments, the undersigned proposes to supply the HA with the services described herein for the fee(s) entered within the areas provided within the noted Internet System pertaining to this IFB.

Signature Date Printed Name Company

Attachment B

HUD-5369!6



**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 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 [] 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.

Attachment B-1
SF-LLL
Disclosure of
Lobbying
Activities



DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352

Approved by OMB

0348-0046

(See reverse for public burden disclosure.)

1. Type of Federal Action: <input type="checkbox"/> a. contract <input type="checkbox"/> b. grant <input type="checkbox"/> c. cooperative agreement <input type="checkbox"/> d. loan <input type="checkbox"/> e. loan guarantee <input type="checkbox"/> f. loan insurance	2. Status of Federal Action: <input type="checkbox"/> a. bid/offer/application <input type="checkbox"/> b. initial award <input type="checkbox"/> c. post-award	3. Report Type: <input type="checkbox"/> a. initial filing <input type="checkbox"/> b. material change For Material Change Only: year _____ quarter _____ date of last report _____
4. Name and Address of Reporting Entity: <input type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, <i>if known</i> : Congressional District, if known: _____	5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime: Congressional District, if known: _____	
6. Federal Department/Agency: _____	7. Federal Program Name/Description: CFDA Number, <i>if applicable</i> : _____	
8. Federal Action Number, if known: _____	9. Award Amount, if known: \$ _____	
10. a. Name and Address of Lobbying Registrant <i>(if individual, last name, first name, MI):</i> _____	b. Individuals Performing Services <i>(including address if different from No. 10a)</i> <i>(last name, first name, MI):</i> _____	
11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.	Signature: _____ Print Name: _____ Title: _____ Telephone No.: _____ Date: _____	
Federal Use Only:		Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)

INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity 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 covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a followup report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
4. Enter the full name, address, city, State and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is, or expects to be, a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Subawardee," then enter the full name, address, city, State and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitation for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, State and zip code of the lobbying registrant under the Lobbying Disclosure Act of 1995 engaged by the reporting entity identified in item 4 to influence the covered Federal action.

(b) Enter the full names of the individual(s) performing services, and include full address if different from 10 (a). Enter Last Name, First Name, and Middle Initial (MI).
11. The certifying official shall sign and date the form, print his/her name, title, and telephone number.

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, DC 20503.

**Attachment B-2
HUD-50071
Certification of
Payments to
Influence Federal
Transactions**



Certification of Payments to Influence Federal Transactions

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

Public reporting burden for this information collection is estimated to average 30 minutes. This includes the time for collecting, reviewing, and reporting data. The information requested is required to obtain a benefit. This form is used to ensure federal funds are not used to influence members of Congress. There are no assurances of confidentiality. HUD may not conduct or sponsor, and an applicant is not required to respond to a collection of information unless it displays a currently valid OMB control number.

Applicant Name

Program/Activity Receiving Federal Grant Funding

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with 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, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, Disclosure Form to Report Lobbying, in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all sub recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

I hereby certify that all the information stated herein, as well as any information provided in the accompaniment herewith, is true and accurate.

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Name of Authorized Official

Title

Signature

Date (mm/dd/yyyy)

Attachment B-3
HUD-50070
Certification of a
Drug-Free Workplace



Certification for a Drug-Free Workplace

U.S. Department of Housing and Urban Development

Applicant Name

Program/Activity Receiving Federal Grant Funding

Acting on behalf of the above named Applicant as its Authorized Official, I make the following certifications and agreements to the Department of Housing and Urban Development (HUD) regarding the sites listed below:

I certify that the above named Applicant will or will continue to provide a drug-free workplace by:

a. Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the Applicant's workplace and specifying the actions that will be taken against employees for violation of such prohibition.

b. Establishing an on-going drug-free awareness program to inform employees ---

(1) The dangers of drug abuse in the workplace;

(2) The Applicant's policy of maintaining a drug-free workplace;

(3) Any available drug counseling, rehabilitation, and employee assistance programs; and

(4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace.

c. Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph a.;

d. Notifying the employee in the statement required by paragraph a. that, as a condition of employment under the grant, the employee will ---

(1) Abide by the terms of the statement; and

(2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;

e. Notifying the agency in writing, within ten calendar days after receiving notice under subparagraph d.(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to every grant officer or other designee on whose grant activity the convicted employee was working, unless the Federalagency has designated a central point for the receipt of such notices. Notice shall include the identification number(s) of each affected grant;

f. Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph d.(2), with respect to any employee who is so convicted ---

(1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or

(2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;

g. Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs a. thru f.

2. Sites for Work Performance. The Applicant shall list (on separate pages) the site(s) for the performance of work done in connection with the HUD funding of the program/activity shown above: Place of Performance shall include the street address, city, county, State, and zip code. Identify each sheet with the Applicant name and address and the program/activity receiving grant funding.)

Check here if there are workplaces on file that are not identified on the attached sheets.

I hereby certify that all the information stated herein, as well as any information provided in the accompaniment herewith, is true and accurate.

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Name of Authorized Official

Title

Signature

Date

X

Attachment C

Profile of Firm Form



INVITATION FOR BIDS (IFB) No. 23-913-42 INTERIOR/EXTERIOR MAKE READY REPAIRS DT SS AND FISCHER

PROFILE OF FIRM FORM
(Attachment C)

(This Form must be fully completed and included in the "hard copy" bid submittal.)

(1) Prime _____ Sub-contractor _____ (This form must be completed by and for each).

(2) Name of Firm: _____ Telephone: _____ Fax: _____

(3) Street Address, City, State, Zip: _____

(4) Please attach a brief biography/ resume of the company, including the following information:

(a) Year Firm Established; (b) Year Firm Established in [JURISDICTION]; (c) Former Name and Year Established (if applicable); (d) Name of Parent Company and Date Acquired (if applicable).

(5) Identify Principals/Partners in Firm (submit under Tab No. 5 a brief professional resume for each):

NAME	TITLE	% OF OWNERSHIP

(6) Identify the individual(s) that will act as project manager and any other supervisory personnel that will work on project; please submit under Tab No. 5 a brief resume for each. (Do not duplicate any resumes required above):

NAME	TITLE

(7) Bidder Diversity Statement: You must circle all of the following that apply to the ownership of this firm and enter where provided the correct percentage (%) of ownership of each:

Caucasian American (Male) _____%
 Public-Held Corporation _____%
 Government Agency _____%
 Non-Profit Organization _____%

Resident- (RBE), Minority- (MBE), or Woman-Owned (WBE) Business Enterprise (Qualifies by virtue of 51% or more ownership and active management by one or more of the following:

Resident-Owned* _____%
 African American _____%
 **Native American _____%
 Hispanic American _____%
 Asian/Pacific American _____%
 Hasidic Jew _____%
 Asian/Indian American _____%

Woman-Owned (MBE) _____%
 Woman-Owned (Caucasian) _____%
 Disabled Veteran _____%
 Other (Specify): _____%

WMBE Certification Number (if known): _____

Certified by (Agency): _____

Signature _____ Date _____ Printed Name _____ Company _____

INVITATION FOR BIDS (IFB) No. 23-913-42 INTERIOR/EXTERIOR MAKE READY REPAIRS DT SS AND FISCHER

PROFILE OF FIRM FORM
(Attachment C)

(This Form must be fully completed and placed under Tab No. 3 of the "hard copy" tabbed bid submittal.)

- (8) Federal Tax ID No.: _____

- (9) [APPROPRIATE JURISDICTION] Business License No.: _____

- (10) State of _____ License Type and No.: _____

- (11) Worker's Compensation Insurance Carrier: _____
Policy No.: _____ Expiration Date: _____

- (12) General Liability Insurance Carrier: _____
Policy No. _____ Expiration Date: _____

- (13) Professional Liability Insurance Carrier: _____
Policy No. _____ Expiration Date: _____

- (14) Debarred Statement: Has this firm, or any principal(s) ever been debarred from providing any services by the Federal Government, any state government, the State of _____, or any local government agency within or without the State of _____? Yes No
If "Yes," please attach a full detailed explanation, including dates, circumstances and current status.

- (15) Disclosure Statement: Does this firm or any principals thereof have any current, past personal or professional relationship with any Commissioner or Officer of the HA? Yes No
If "Yes," please attach a full detailed explanation, including dates, circumstances and current status.

- (16) Non-Collusive Affidavit: The undersigned party submitting this bid hereby certifies that such bid is genuine and not collusive and that said bidder entity 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 proposing, 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 other bidder, to fix overhead, profit or cost element of said bid price, or that of any other bidder or to secure any advantage against the HA or any person interested in the proposed contract; and that all statements in said bid are true.

- (17) Verification Statement: The undersigned bidder hereby states that by completing and submitting this form he/she is verifying that all information provided herein is, to the best of his/her knowledge, true and accurate, and agrees that if the HA discovers that any information entered herein is false, that shall entitle the HA to not consider nor make award or to cancel any award with the undersigned party.

Signature **Date** **Printed Name** **Company**

Attachment D

Section 3

Submittal Form



Section 3 Business Preference Submittal Form

(Attachment D)

- 10** **Introduction:** This form must be fully completed, accompanied by all required attachments, for any bidder/bidder claiming a Section 3 Business Preference (hereinafter, "Preference").
- 11 This fully completed form and any attachments thereto, will become a part of any ensuing contract.
- 12 Each bidder/bidder shall mark an "X" where provided following for all that apply to his/her claim of a Preference.
- 13 The bidder/bidder shall provide as an attachment to this completed form a detailed work plan clearly explaining how each following "denoted effort" or "claim" will be accomplished). Failure on the part of the bidder/bidder to include any such required attachment fully explaining the claim of the bidder/bidder shall result in the HA not considering the claim for a Preference (though the HA will, if awarded, later require the bidder/bidder to submit the information to satisfy the Section 3 requirements of the ensuing contract).
- 14 Please note that, even if a bidder/bidder does not complete and submit this form claiming a Preference, the HA may require this form to be completed by the successful bidder/bidder as an attachment to the ensuing contract to document the Section 3 Plan required for the ensuing contract.
- 20** **Current Section 3 Status:** The undersigned bidder/bidder hereby claims that it is a Section 3 business concern and claims such preference in that he/she can provide evidence that (the bidder/bidder has attached justifying documentation for each item following marked with an "X"):
- 21 ___ It is 51% or more owned by a Section 3 resident:
- 2.1.1 ___ HA resident lease;
- 2.1.2 ___ Evidence of participation in a public assistance program;
- 2.1.3 ___ Articles of Incorporation;
- 2.1.4 ___ Fictitious or Assumed Business Name Certificate;
- 2.1.5 ___ List of owners/stockholders and % of each;
- 2.1.6 ___ Latest Board minutes appointing officers;
- 2.1.7 ___ Organization chart with names and titles and brief functional statement;
- 2.1.8 ___ Partnership Agreement;
- 2.1.9 ___ Corporation Annual Report.
- 22 ___ At least 30% of its full time employees include persons that are currently Section 3 residents, or within 3 years of the date of first employment with the business concern were Section 3 residents:

INVITATION FOR BIDS (IFB) No. 23-913-42 INTERIOR/EXTERIOR MAKE READY REPAIRS DT SS AND FISCHER

2.2.1 To justify this claim, please see the immediate following:

(1) Classification	(2) Total Number of Current Permanent Employees	(3) Total Number of Section 3 Resident Employees
Trainees		
Apprentices		
Journeypersons		
Laborers		
Supervisory		
Superintendent		
Professional		
Clerical		
Other:		

2.2.2 Attach a listing of all employees listed within column (3) above, including name and total annual income.

23 He/she has a commitment to subcontract in excess of 25% of the dollar award of all subcontracts to be awarded to a Section 3 business concern.

2.3.1 To justify this claim, please see the immediate following:

(1) Name of Section 3 Firm Receiving the Subcontract	(2) Total Amount of Subcontract(s)	(3) Percentage the Subcontract(s) is/are of the Total Proposed Contract Amount
	\$	%
	\$	%
	\$	%

2.3.2 Attach for each firm listed immediately above:

2.3.2.1 A detailed description of the subcontracted activity; and

2.3.2.2 A fully completed Profile of Firm form.

30 **Section 3 Preference Claim, Training and Employment Opportunities:** The undersigned bidder/bidder hereby claims that it will, as detailed within 24 CFR §135.34, provide such "opportunities" as denoted following; to:

INVITATION FOR BIDS (IFB) No. 23-913-42 INTERIOR/EXTERIOR MAKE READY REPAIRS DT SS AND FISCHER

- 31 Residents of the housing development or developments for which the section 3 covered assistance is expended (category 1 residents);
- 32 Residents of other housing developments managed by the HA that is expending the section 3 covered housing assistance (category 2 residents);
- 33 Participants in HUD Youthbuild programs being carried out in the metropolitan area (or nonmetropolitan county) in which the section 3 covered assistance is expended (category 3 residents);
- 34 Other section 3 residents.

3.8 Section 3 Preference Claim, Section 3 Business Concerns: The undersigned bidder/bidder hereby claims that it will, as a result of the contract award, and as detailed within 24 CFR §135.36, provide such "opportunities" as denoted following; to:

- 41 Business concerns that are 51 percent or more owned by residents of the housing development or developments for which the section 3 covered assistance is expended, or whose full-time, permanent workforce includes 30 percent of these persons as employees (category 1 businesses);
- 42 Business concerns that are 51 percent or more owned by residents of other housing developments or developments managed by the HA that is expending the section 3 covered assistance, or whose full-time, permanent workforce includes 30 percent of these persons as employees (category 2 businesses); or
- 43 HUD Youthbuild programs being carried out in the metropolitan area (or nonmetropolitan county/parish) in which the section 3 covered assistance is expended (category 3 businesses).
- 44 Business concerns that are 51 percent or more owned by section 3 residents, or whose permanent, full-time workforce includes no less than 30 percent section 3 residents (category 4 businesses), or that subcontract in excess of 25 percent of the total amount of subcontracts to business concerns identified in paragraphs (a)(1)(i) and (a)(1)(ii) of this section.

5.0 As further detailed herein, which of the following priority are you claiming? (NOTE: Mark with an "X" the highest claimed Priority only.)

PRIORITY CLAIMED (Mark "X")	FACTOR DESCRIPTION
	SECTION 3 BUSINESS PREFERENCE PARTICIPATION:
	Priority I, Category 1a: Business concerns that are 51 percent or more owned by residents of the housing development or developments for which the Section 3-covered assistance is expended.
	Priority II, Category 1b: Business concerns whose workforce includes 30 percent of residents of the

	housing development for which the Section 3-covered assistance is expended, or within three (3) years of the date of first employment with the business concern, were residents of the Section 3-covered housing development.
	Priority III, Category 2a: Business concerns that are 51 percent or more owned by residents of any other housing development or developments.
	Priority IV, Category 2b: Business concerns whose workforce includes 30 percent of residents of any other public housing development or developments, or within three (3) years of the date of first employment with the business concern, were "Section 3" residents of any other public housing development.
	Priority V, Category 3: Business concerns participating in HUD Youth-build programs being carried out in the metropolitan area in which the Section 3-covered assistance is expended.
	Priority VI, Category 4a: Business concerns that are 51 percent or more owned by Section 3 residents in the metropolitan area, or whose permanent, full-time workforce includes no less than 30 percent of Section 3 residents in the metropolitan area, or within three (3) years of the date of employment with the business concern, were Section 3 residents in the metropolitan area.
	Priority VII, Category 4b: Business concerns that subcontract in excess of 25 percent of the total amount of subcontracts to Section 3 business concerns.

60 As detailed within 24 CFR §135, Appendix I, *Examples of Efforts To Offer Training and Employment Opportunities to Section 3 Residents*, denote the "efforts" your firm hereby formally commits to implement if you are awarded a contract:

- 61 ___ Entering into "first source" hiring agreements with organizations representing Section 3 residents.
- 62 ___ Sponsoring a HUD-certified "Step-Up" employment and training program for section 3 residents.
- 63 ___ Establishing training programs, which are consistent with the requirements of the Department of Labor, for public and Indian housing residents and other section 3 residents in the building trades.
- 64 ___ Advertising the training and employment positions by distributing flyers (which identify the positions to be filled, the qualifications required, and where to obtain additional information about the application process) to every occupied dwelling unit in the housing

development or developments where category 1 or category 2 persons (as these terms are defined in §135.34) reside.

- 6.5 ___ Advertising the training and employment positions by posting flyers (which identify the positions to be filled, the qualifications required, and where to obtain additional information about the application process) in the common areas or other prominent areas of the housing development or developments. For HAs, post such advertising in the housing development or developments where category 1 or category 2 persons reside; for all other recipients, post such advertising in the housing development or developments and transitional housing in the neighborhood or service area of the section 3 covered project.
- 6.6 ___ Contacting resident councils, resident management corporations, or other resident organizations, where they exist, in the housing development or developments where category 1 or category 2 persons reside, and community organizations in HUD-assisted neighborhoods, to request the assistance of these organizations in notifying residents of the training and employment positions to be filled.
- 6.7 ___ Sponsoring (scheduling, advertising, financing or providing in-kind services) a job informational meeting to be conducted by an HA or contractor representative or representatives at a location in the housing development or developments where category 1 or category 2 persons reside or in the neighborhood or service area of the section 3 covered project.
- 6.8 ___ Arranging assistance in conducting job interviews and completing job applications for residents of the housing development or developments where category 1 or category 2 persons reside and in the neighborhood or service area in which a section 3 project is located.
- 6.9 ___ Arranging for a location in the housing development or developments where category 1 persons reside, or the neighborhood or service area of the project, where job applications may be delivered to and collected by a recipient or contractor representative or representatives.
- 6.10 ___ Conducting job interviews at the housing development or developments where category 1 or category 2 persons reside, or at a location within the neighborhood or service area of the section 3 covered project.
- 6.11 ___ Contacting agencies administering HUD Youthbuild programs, and requesting their assistance in recruiting HUD Youthbuild program participants for the HA's or contractor's training and employment positions.
- 6.12 ___ Consulting with State and local agencies administering training programs funded through JTPA or JOBS, probation and parole agencies, unemployment compensation programs, community organizations and other officials or organizations to assist with recruiting Section 3 residents for the HA's or contractor's training and employment positions.
- 6.13 ___ Advertising the jobs to be filled through the local media, such as community television networks, newspapers of general circulation, and radio advertising.
- 6.14 ___ Employing a job coordinator, or contracting with a business concern that is licensed in the field of job placement (preferably one of the section 3 business concerns identified in part 135), that will undertake, on behalf of the HA, other recipient or contractor, the efforts to match

eligible and qualified section 3 residents with the training and employment positions that the HA or contractor intends to fill.

- 6.15 ___ For an HA, employing section 3 residents directly on either a permanent or a temporary basis to perform work generated by section 3 assistance. (This type of employment is referred to as "force account labor" in HUD's Indian housing regulations. See 24 CFR §905.102, and §905.201(a)(6).)
- 6.16 ___ Where there are more qualified section 3 residents than there are positions to be filled, maintaining a file of eligible qualified section 3 residents for future employment positions.
- 6.17 ___ Undertaking job counseling, education and related programs in association with local educational institutions.
- 6.18 ___ Undertaking such continued job training efforts as may be necessary to ensure the continued employment of section 3 residents previously hired for employment opportunities.
- 6.19 ___ After selection of bidders but prior to execution of contracts, incorporating into the contract a negotiated provision for a specific number of public housing or other section 3 residents to be trained or employed on the section 3 covered assistance.
- 6.20 ___ Coordinating plans and implementation of economic development (e.g., job training and preparation, business development assistance for residents) with the planning for housing and community development.

7.0 As detailed within 24 CFR §135, Appendix II, *Examples of Efforts To Award Contracts to Section 3 Business Concerns*, denote following the "efforts" your firm hereby formally commits to implement if you are awarded a contract:

- 7.1 ___ Utilizing procurement procedures for section 3 business concerns similar to those provided in 24 CFR part 905 for business concerns owned by Native Americans (see section III of this Appendix).
- 7.2 ___ In determining the responsibility of potential contractors, consider their record of section 3 compliance as evidenced by past actions and their current plans for the pending contract.
- 7.3 ___ Contacting business assistance agencies, minority contractors associations and community organizations to inform them of contracting opportunities and requesting their assistance in identifying section 3 businesses which may solicit bids or bids for contracts for work in connection with section 3 covered assistance.
- 7.4 ___ Advertising contracting opportunities by posting notices, which provide general information about the work to be contracted and where to obtain additional information, in the common areas or other prominent areas of the housing development or developments owned and managed by the HA.
- 7.5 ___ For HAs, contacting resident councils, resident management corporations, or other resident organizations, where they exist, and requesting their assistance in identifying category 1 and category 2 business concerns.

- 7.6 ___ Providing written notice to all known section 3 business concerns of the contracting opportunities. This notice should be in sufficient time to allow the section 3 business concerns to respond to the bid invitations or Invitation for Bids.
- 7.7 ___ Following up with section 3 business concerns that have expressed interest in the contracting opportunities by contacting them to provide additional information on the contracting opportunities.
- 7.8 ___ Coordinating pre-bid meetings at which section 3 business concerns could be informed of upcoming contracting and subcontracting opportunities.
- 7.9 ___ Carrying out workshops on contracting procedures and specific contract opportunities in a timely manner so that section 3 business concerns can take advantage of upcoming contracting opportunities, with such information being made available in languages other than English where appropriate.
- 7.10 ___ Advising section 3 business concerns as to where they may seek assistance to overcome limitations such as inability to obtain bonding, lines of credit, financing, or insurance.
- 7.11 ___ Arranging solicitations, times for the presentation of bids, quantities, specifications, and delivery schedules in ways to facilitate the participation of section 3 business concerns.
- 7.12 ___ Where appropriate, breaking out contract work items into economically feasible units to facilitate participation by section 3 business concerns.
- 7.13 ___ Contacting agencies administering HUD Youthbuild programs, and notifying these agencies of the contracting opportunities.
- 7.14 ___ Advertising the contracting opportunities through trade association papers and newsletters, and through the local media, such as community television networks, newspapers of general circulation, and radio advertising.
- 7.15 ___ Developing a list of eligible section 3 business concerns.
- 7.16 ___ For HAs, participating in the "Contracting with Resident-Owned Businesses" program provided under 24 CFR part 963.
- 7.17 ___ Establishing or sponsoring programs designed to assist residents of public or Indian housing in the creation and development of resident-owned businesses.
- 7.18 ___ Establishing numerical goals (number of awards and dollar amount of contracts) for award of contracts to section 3 business concerns.
- 7.19 ___ Supporting businesses which provide economic opportunities to low income persons by linking them to the support services available through the Small Business Administration (SBA), the Department of Commerce and comparable agencies at the State and local levels.
- 7.20 ___ Encouraging financial institutions, in carrying out their responsibilities under the Community Reinvestment Act, to provide no or low interest loans for providing working capital and other financial business needs.
- 7.21 ___ Actively supporting joint ventures with section 3 business concerns.

INVITATION FOR BIDS (IFB) No. 23-913-42 INTERIOR/EXTERIOR MAKE READY REPAIRS DT SS AND FISCHER

7.22 ___ Actively supporting the development or maintenance of business incubators which assist Section 3 business concerns.

8.0 The undersigned bidder/bidder hereby declares:

8.1 The information within this completed form (and any attachments) is, to the best of his/her knowledge, true and accurate.

8.2 He/she is aware that if the HA discovers that any such information is not true and accurate, such shall allow the HA to:

8.2.1 NOT award the bidder/bidder a Preference; and

8.2.2 If the HA deems such is warranted (e.g. in the case of submitting information the bidder/bidder knows to be untrue), declare such bidder/bidder to be nonresponsive and not allow the bidder/bidder to receive an award.

8.3 He/she is aware that if he/she receives an award as the result of this competitive solicitation, even though he/she may not receive a Preference from the HA as a result of this submittal, he/she will still be required to, to the greatest extent feasible, implement a Section 3 Plan, including a commitment to interview and consider hiring Section 3 persons (most specifically, residents of the HA) whenever the successful bidder/bidder has need to hire additional employees during the term of the ensuing contract.

Signature Date Printed Name Company

Attachment E

HUD- 5369-A



**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)

Attachment F Supplemental Conditions



SUPPLEMENTAL CONDITIONS

The Contractor shall possess a major classification in Building Construction

The following supplements and/or modifies the "General Conditions for Construction Contracts," form HUD-5370:

Time of Completion. The Contractor shall commence work under this contract at the time stipulated in the written "Notice to Proceed" (NTP) issued by the local authority. The Contractor shall complete the work **within 180 days from the date of the Notice to Proceed, including the 45-day L&P period.** The work shall be considered complete only when the Local Authority has issued its formal "Certificate of Acceptance".

Liquidated Damages

The cost per day in Liquidated Damages for delay on completion of this project is \$2) \$00.

Contract Type

The contract resulting from this IFB shall be a lump sum fixed price contract. Construction services shall be paid at fixed rates, in accordance with the contractor's Base Bid, pending HUD Funding.

Davis Bacon

Davis Wage Rates are in effect for this project.

Bonding

All bids must be accompanied by a bid bond/guarantee, which shall be in the form of a certified check, cashier's check, or bid bond for not less than five percent of the contract price of work to be done, as evidence of good faith of the bidder.

The awarded bidder will be required to provide a performance bond in an amount not less than one-half of the amount of the contract, for faithful performance of their duties.

Employment, Training and Contracting Policy

PART I- POLICY, PURPOSE, REQUIREMENTS, DEFINITIONS

- A. INTRODUCTION AND SUMMARY
- B. DEFINITIONS
- C. HANO SECTION 3 & DBE/WBE POLICY STATEMENTS
- D. SECTION 3 NEW HIRE AND CONTRACTING REQUIREMENTS
- E. DBE/WBE CONTRACT REQUIREMENTS

PART II- PROCUREMENT & CONTRACTOR REQUIREMENTS AND PROCEDURES

- A. SECTION 3 CONTRACTING PROCEDURES.
- B. DBE/WBE CONTRACTING PROCEDURES
- C. REPORTING OPEN POSITIONS

PART III - COMPLIANCE REQUIREMENTS

- A. COMPLIANCE REQUIREMENTS FOR HIRING & CONTRACTING
- B. PROJECT LABOR AGREEMENTS OR COMMUNITY WORKFORCE AGREEMENTS

PART IV - TRAINING REQUIREMENTS

- A. TRAINING AND INTERNSHIP REQUIREMENTS

PART V - CONTRACTING AND COMPLIANCE FORMS

- A. SECTION -3 INDIVIDUAL VERIFICATION FORM
- B. SECTION -3 EMPLOYMENT ACTION PLAN
- C. SECTION -3 TRAINING ACTION PLAN
- D. CONTRACTING ACTION PLAN FOR SECTION 3/DBE/WBE
- E. LIST OF CORE EMPLOYEES
- F. CONTRACTING SCHEDULE
- G. SECTION -3 EMPLOYMENT AND TRAINING SCHEDULE
- H. LETTER OF INTENT
- I. STATEMENT OF UNDERSTANDING
- J. CONTRACTORS SECTION -3 EMPLOYMENT AND TRAINING COMPLIANCE REPORT
- K. EMPLOYER PAID TRAINING REPORT
- L. SECTION -3 MANHOURLY REPORT
- M. CONTRACTING COMPLIANCE REPORT
- N. EMPLOYMENT ASSESSMENT

Invoicing

Invoices shall be submitted monthly to the Department of Finance with a copy to the Modernization and Development Department. The invoice shall provide an invoice number, service dates, purchase order number, Task Order number, and a description of services provided and the name/title of employee who rendered the services. Invoices shall be submitted on the contractor's own invoice form.

Payments

All vendors should submit invoices to the Finance Department on or before the days listed below. All vendor invoices are due on the 1st or 15th of the month. Invoice payments are as follows:

- *Invoices received on the 16th of the current month thru the 1st day of the next month will be paid on the 1st of the following month.*
- **Example: An invoice received on August 27th will be processed commencing September 1st and paid on October 1st.**
- *Invoices received on the 2nd of the current month thru the 15th of the current month will be paid on the 15th of the following month.*
- **Example: An invoice received on August 4th will be processed commencing August 15th and paid on September 15th.**

Request for Taxpayer Number and Certification (W-9)

The respondent(s) shall provide a copy of its Request for Taxpayer Number and Certification (W-9) at the time and date specified by the Authority.

Public Access to Procurement Information/Confidentiality

All information submitted in response to a solicitation issued by the Housing Authority of New Orleans (HANO) shall remain confidential until after final approval by HANO's Board of Commissioners and/or the United States Department of Housing and Urban Development (HUD). HANO's policy regarding public access is in strict accordance with the guidelines set forth in its Procurement Policy, Section 5.3.4, HUD Handbook 7460.8 REV 2, Section 1.6, Public Access to Procurement Information and Section 7.2 (J) Confidentiality. Furthermore, pursuant to Louisiana Revised Statute 40:526(8), HANO shall not disclose information submitted to HANO in confidence in response to this IFB, and not otherwise required by law to be submitted, where such information should reasonably be considered confidential.

Indemnification

The successful Respondent(s) will be required to protect, defend, indemnify, keep, save, and hold HANO, its officers, officials, employees and agents free and harmless from and against any and all liabilities, losses, penalties, damages, settlements, environmental liability, costs, charges, professional fees or other expenses or liabilities of every kind, nature and character arising out of or relating to any and all claims, liens, demands, obligations, actions, suits, judgments or settlements, proceedings or causes of action of every kind, nature and character (collectively, "claims") in connection with or arising directly or indirectly out of the acts or omissions and/or the performance thereof by the successful Respondent, its officers, officials, agents, employees, and subcontractors, including, but not limited to, the enforcement of the indemnification provision. The successful Respondent(s) will be further required to investigate, handle, respond to, provide defense for and defend all suits for any and all claims, at its sole expense and agrees to bear all other costs and expenses related thereto, even if the claims are considered groundless, false or fraudulent.

HANO will have the right, at its option and at its expense, to participate in the defense of any suit, without relieving the successful Respondent of any of its obligations under this indemnity provision. The indemnities to be set forth in the contract resulting from this IFB will survive the expiration or termination of that contract.

Rights, Use, and Ownership of Assessment Materials

Assessment materials generated as a result of performing the Scope of Services contained in this contract shall be confidential and proprietary and shall be for the exclusive use and ownership of The Housing Authority of New Orleans. Such materials shall include, but not be limited to data, cost estimates, and reports generated that contain descriptive and/or identifying information regarding individual properties owned by HANO and/or HANO's portfolio of properties. Such materials shall not be shared, signed, sold or disclosed to parties other than those named on the contract without the express written permission of the Housing Authority of New Orleans' Contracting Officer. Any violations of this provision shall be considered a breach of, and grounds for immediate termination in accordance with the General Contract Conditions, HUD Form 5370, Termination for Convenience and Default.

The selected Respondent shall abide by the applicable provisions of the Housing Authority of New Orleans' Ethics Policy and State of Louisiana Ethics Code.

Third Party Claims on Software

HANO shall be held harmless from any third-party legal claims involving the use by HANO of any software product or technique provided by the selected Respondent.

Licenses and Certifications

The successful Respondent shall possess all of the required State and Local licenses and certifications required to perform work of the type required by this contract in the City of New Orleans. In addition, the Respondent shall comply with all laws, ordinances and regulations applicable to the services contemplated herein. Respondents are presumed to be familiar with all federal, state and local laws, ordinances, codes, rules and regulations that may in any way affect the delivery of services.

The project shall be awarded only to contractors who are licensed under State of Louisiana Contractors License Law La. R.S. 37:2150-2192 with a major classification in 6i]`X]b[Construction.

Contractual Obligations

At any time, should the proposed services require the use of products or services of another company, such services shall be disclosed, and HANO will hold the selected respondent(s) responsible for the proposed services.

Certification of Legal Entity

Prior to execution of the Contract Agreement, the Respondent shall certify that joint ventures, partnerships, team agreements, new corporations or other entities that either exist or will be formally structured are, or will be legal and binding under Louisiana law.

Certifications

In submitting the bid, the Respondent is indicating a willingness to comply with all terms and conditions of the IFB, including but not limited to those set forth in HUD Form 5370, General Contract Conditions, Construction, and these Supplemental Conditions.

Personnel

In submitting their bids, Respondents are representing that the personnel described in their bids shall be available to perform the services described for the duration of the contract period, barring illness, accident or other unforeseeable events of a similar nature in which cases the Respondent must be able to provide a qualified replacement. Such representation shall be valid for a minimum of 120 calendar days after the bid due date and time. Furthermore, all personnel shall be considered to be, at all times, the sole employees of the Respondent under its sole direction, and not employees or agents of HANO.

Respondent Status

The successful Respondent will be held to be an independent Consultant and will not be an employee of HANO.

Assignment

The successful Respondent shall not enter into any subcontracts, retain consultants, or assign, transfer, convey, sublet, or otherwise delegate its obligations under the contract resulting from this IFB, or any of its rights, title or interest therein, or its power to execute such contract to any person, company or corporation without the prior written consent and approval of the HANO.

Advertising

In submitting a bid, the successful Respondent agrees not to use the results from it as a part of any commercial advertising. HANO does not permit law firms to advertise or promote the fact of their relationship with HANO in the course of marketing efforts, unless HANO specifically agrees otherwise.

Media Relations

The Contractor shall not make public comment on HANO matters without express written approval from HANO's Director of Communications. All media inquiries shall be referred to the Administrative Receiver and to the Director of Communications.

Assumption of Risk

Contractor is aware and acknowledges that HANO has no knowledge and/or duty to investigate the physical condition of any prospective property and/or the health conditions of any prospective property owners and/or occupants, including but not limited to tenants, subtenants, invitees, assignees, and/or any other person that has entered and/or lived in a prospective property. Contractor hereby agrees to assume any and all risk(s) associated with any potential infectious diseases, viruses, or the like, including but not limited to COVID-19 (Novel Coronavirus Disease), that may be present in a prospective property and/or a prospective property's owner(s) and/or occupant(s). Contractor agrees, acknowledges, and assumes all potential risks, including risk of infection, transmission, and/or contraction of any infectious disease, virus, and/or illness, to view and/or enter a prospective property. Contractor further agrees to hold harmless and release HANO, including any and all agents, assigns, and/or successors, from any and all liability and/or potential claims, whether from Contractor or third party, arising from and/or in any way related to Contractor's alleged infection, transmission, and/or contraction of any infectious disease, virus, and/or illness from a prospective property, except any claim and/or cause of action arising from HANO's gross negligence and/or willful misconduct.

Attachment G

HUD 5370



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. 11/30/2023)

**Applicability. This form is applicable to any
construction/development contract greater than \$250,000.**

Public reporting burden for this collection of information is estimated to average 1 hour. This includes the time for collecting, reviewing, and reporting the data. The information requested is required to obtain a benefit. This form includes those clauses required by OMB's common rule on grantee procurement, implemented at HUD in 2 CFR 200, and those requirements set forth in Section 3 of the Housing and Urban Development Act of 1968 and its amendment by the Housing and Community Development Act of 1992, implemented by HUD at 24 CFR Part 75. 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, PHAs would be unable to enforce their contracts. There are no assurances of confidentiality. HUD may not conduct or sponsor, and an applicant is not required to respond to a collection of information unless it displays a currently valid OMB control number.

Clause		Page	Clause		Page
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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 Terms and Conditions (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.
- (j) "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.

2. Contractor's Responsibility for Work

- (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.

- (b) The Architect shall serve as the Contracting Officer's technical representative with respect to architectural, **Schedule** 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

of the work, and that it has investigated and satisfied itself

- (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

- (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 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 words 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 **Construction** 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

- (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 **Construction 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

- (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 ____% \$ _____ 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

accordance with the terms and conditions of the

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

retain ten (10) percent of the amount of progress

- (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 _____ 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 subcontract.

Name:

Title:

Date:

- (f) Except as otherwise provided in State law, the PHA shall 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 **Convenience** 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 \$ _____ [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

- (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 \$ _____ [Contracting Officer insert amount]

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

- (3) Automobile Liability on owned and non-owned motor vehicles used on the site(s) or in connection therewith for a combined single limit for bodily injury and property damage of not less than \$ _____

[Contracting Officer insert amount] per occurrence.

- (b) Before commencing work, the Contractor shall furnish the PHA with a certificate of insurance evidencing that Builder's Risk (fire and extended coverage) Insurance on all work in place and/or materials stored at the building site(s), including foundations and building equipment, is in force. The Builder's Risk Insurance shall be for the benefit of the Contractor and the PHA as their interests may appear and each shall be named in the policy or policies as an insured. The Contractor in installing equipment supplied by the PHA shall carry insurance on such equipment from the time the Contractor takes possession thereof until the Contract work is accepted by the PHA. The Builder's Risk Insurance need not be carried on excavations, piers, footings, or foundations until such time as work on the superstructure is started. It need not be carried on landscape work. Policies shall furnish coverage at all times for the full cash value of all completed construction, as well as materials in place and/or stored at the site(s), whether or not partial payment has been made by the PHA. The Contractor may terminate this insurance on buildings as of the date taken over for occupancy by the PHA. The Contractor is not required to carry Builder's Risk Insurance for modernization work which does not involve structural alterations or additions and where the PHA's existing fire and extended coverage policy can be endorsed to include such work.
- (c) All insurance shall be carried with companies which are financially responsible and admitted to do business in the State in which the project is located. If any such insurance is due to expire during the construction period, the Contractor (including subcontractors, as applicable) shall not permit the coverage to lapse and shall furnish evidence of coverage to the Contracting Officer. All certificates of insurance, as evidence of coverage, shall provide that no coverage may be canceled or non-renewed by the insurance company until at least 30 days prior written notice has been given to the Contracting Officer.

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/Seller agrees as follows:

- (a) The Contractor/Seller shall not discriminate against any employee or applicant for employment because of race color, religion, sex, sexual orientation, gender identity, disability, or national origin.
- (b) The Contractor/Seller 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, sexual orientation, gender identity, disability, or national origin. Such action shall include, but not be limited to, (1) employment, (2) upgrading 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/Seller agrees to post in conspicuous places available to employees and applicants for employment the notices to be provided by the Contracting Officer setting forth the provisions of this nondiscrimination clause.

(d) The Contractor/Seller shall, in all solicitations or advertisements for employees placed by or on behalf of the Contractor/Seller, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.

(e) The Contractor/Seller 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/Seller shall comply with Executive Order 11246, as amended, and the rules, regulations, and orders of the Secretary of Labor.

(g) The Contractor/Seller 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/Seller 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 that the Contractor/Seller is in noncompliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be canceled, terminated or suspended in whole or in part and the contractor/seller may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(i) The contractor/seller will include the provisions of paragraphs (a) through (h) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each sub[contractor/seller] or vendor. The [contractor/seller] will take such action with respect to any subcontract or purchase order as may be directed by the Secretary of Labor as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, that in the event the [contractor/seller] becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction, the [contractor/seller] may request the United States to enter into such 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 75, which implement Section 3. As evidenced by their execution of this contract, the parties to this contract certify that they are under no contractual or other impediment that would prevent them from complying with the Part 75 regulations.

(c) The contractor agrees to send to each labor organization or representative of workers with which the contractor has a collective bargaining agreement or other understanding, if any, a notice advising the labor organization or workers' representative of the contractor's commitments under this section 3 clause and will post copies of the notice in conspicuous places at the work site where both employees and applicants for training and employment positions can see the notice. The notice shall describe the Section 3 prioritization requirements and shall state the minimum percentages of labor hour requirements established in the Benchmark Notice (FR-6085-N-04).

(d) The contractor agrees to include this section 3 clause in every subcontract subject to compliance with regulations in 24 CFR Part 75, and agrees to take appropriate action, as provided in an applicable provision of the subcontract or in this section 3 clause, upon a finding that the subcontractor is in violation of the regulations in 24 CFR Part 75. The contractor will not subcontract with any subcontractor where the contractor has notice or knowledge that the subcontractor has been found in violation of the regulations in 24 CFR Part 75.

(e) Noncompliance with HUD's regulations in 24 CFR Part 75 may result in sanctions, termination of this contract for default, and debarment or suspension from future HUD assisted contracts.

(f) Contracts, subcontracts, grants, or subgrants subject to Section 7(b) of the Indian Self-Determination and Education Assistance Act (25 U.S.C. 5307(b)) or subject to tribal preference requirements as authorized under 101(k) of the Native American Housing Assistance and Self-Determination Act (25 U.S.C. 4111(k)) must provide preferences in employment, training, and business opportunities to Indians and Indian organizations, and are therefore not subject to the requirements of 24 CFR Part 75.

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 **Acts** 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

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 \$27 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. DOL posts current fines at: <https://www.dol.gov/whd/govcontracts/cwhssa.htm#cmp>
 - (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.

() 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.

Attachment H Acknowledgment of Addenda



**ACKNOWLEDGEMENT OF
ADDENDA (ATTACHMENT H)**

Respondent has received the following Addenda, receipt of which is hereby acknowledged:

Addendum Number: _____ Date Received: _____

Addendum Number: _____ Date Received: _____

Addendum Number: _____ Date Received: _____

Addendum Number: _____ Date Received: _____

(Company Name)

(Signature)

(Printed or Typed Name)

Attachment I

LOUISIANA UNIFORM PUBLIC WORK BID FORM

(Entry of Proposed Fees)



LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: Housing Authority of New Orleans
Procurement and Contracts Dept.
4100 Touro St., New Orleans, LA 70122

(Owner to provide name and address of owner)

BID FOR: INTERIOR & EXTERIOR MAKE READY
REPAIRS AT DOWNTOWN SCATTERED
SITES AND FISCHER COMMUNITY
IFB #23-913-42

(Owner to provide name of project and other identifying information)

The undersigned bidder hereby declares and represents that she/he; a) has carefully examined and understands the Bidding Documents, b) has not received, relied on, or based his bid on any verbal instructions contrary to the Bidding Documents or any addenda, c) has personally inspected and is familiar with the project site, and hereby proposes to provide all labor, materials, tools, appliances and facilities as required to perform, in a workmanlike manner, all work and services for the construction and completion of the referenced project, all in strict accordance with the Bidding Documents prepared by: Housing Authority of New Orleans and dated: July 14, 2023

(Owner to provide name of entity preparing bidding documents.)

Bidders must acknowledge all addenda. The Bidder acknowledges receipt of the following **ADDENDA:** (Enter the number the Designer has assigned to each of the addenda that the Bidder is acknowledging) _____.

TOTAL BASE BID: For all work required by the Bidding Documents (including any and all unit prices designated "Base Bid" * but not alternates) the sum of:

_____ Dollars (\$ _____)

ALTERNATES: For any and all work required by the Bidding Documents for Alternates including any and all unit prices designated as alternates in the unit price description.

Alternate No. 1 *(Owner to provide description of alternate and state whether add or deduct)* for the lump sum of:

N/A _____ Dollars (\$ _____)

Alternate No. 2 *(Owner to provide description of alternate and state whether add or deduct)* for the lump sum of:

N/A _____ Dollars (\$ _____)

Alternate No. 3 *(Owner to provide description of alternate and state whether add or deduct)* for the lump sum of:

N/A _____ Dollars (\$ _____)

NAME OF BIDDER: _____

ADDRESS OF BIDDER: _____

LOUISIANA CONTRACTOR'S LICENSE NUMBER: _____

NAME OF AUTHORIZED SIGNATORY OF BIDDER: _____

TITLE OF AUTHORIZED SIGNATORY OF BIDDER: _____

SIGNATURE OF AUTHORIZED SIGNATORY OF BIDDER **: _____

DATE: _____

* The Unit Price Form shall be used if the contract includes unit prices. Otherwise it is not required and need not be included with the form. The number of unit prices that may be included is not limited and additional sheets may be included if needed.

** If someone other than a corporate officer signs for the Bidder/Contractor, a copy of a corporate resolution or other signature authorization shall be required for submission of bid. Failure to include a copy of the appropriate signature authorization, if required, may result in the rejection of the bid unless bidder has complied with La. R.S. 38:2212(A) (1) (c) or RS 38:2212(O).

BID SECURITY in the form of a bid bond, certified check or cashier's check as prescribed by LA RS 38:2218.A is attached to and made a part of this bid.

Attachment J Certification of Contractor Non- Exclusion



CERTIFICATION OF CONTRACTOR NON-EXCLUSION

This certification applies to a sole proprietor or any bidding entity or any individual partner, incorporator, director, manager, officer, organizer, or member, who has at least 10% ownership in the bidding entity, for consideration for award of contracts, in accordance with LA R.S. 38:2227.

A conviction of or plea of guilty or no contest to the following state crimes or equivalent federal crimes shall permanently bar any person or the bidding entity from bidding on public projects:

- (a) Public bribery
- (b) Corrupt Influencing
- (c) Extortion
- (d) Money laundering

A conviction of or plea of guilty or no contest to the following state crimes or equivalent federal crimes shall bar any person or the bidding entity from bidding on public projects for a period of five years from the date of conviction or from the date of the entrance of the plea of guilty or no contest:

- (a) Theft
- (b) Identity theft
- (c) Theft of a business record
- (d) False accounting
- (e) Issuing worthless checks
- (f) Bank fraud
- (g) Forgery
- (h) Contractors; misapplication of payments
- (i) Malfeasance in office

The five-year prohibition shall apply only if the crime was committed during the solicitation or execution of a contract or bid awarded pursuant to the provisions of LA R.S. Title 38, Chapter 10 – Public Contracts.

Should information be discovered about a bidding entity that would be cause for debarment, suspension, exclusion, or determination of ineligibility for award of a contract, HANO shall report and submit supporting documentation to the applicable regulatory agency.

I hereby attest that I have not been convicted of, or have not entered a plea of guilty or nolo contendere to any of the crimes listed above or equivalent crimes.

(Print)

(Date)

(Signature)

Attachment K E-Verification Affidavit

(Only required post-bid by awarded
bidder)



E-VERIFICATION AFFIDAVIT

(Employer)

STATE OF _____

CITY/COUNTY OF _____

I, _____ Being duly sworn, attests and says that:
(Authorized Signatory)

_____ a private organization,
(Name of Private Company/Employer)

duly registered in the aforementioned state, and contracted to perform work within the State of Louisiana, herein attests that I/we (the employer) are in compliance with the United States Department of Homeland Security's "E-Verify" program, which is mandated pursuant to La RS 38:2212.10. I further attest that I/we are registered in a status verification system to verify that all new employees in my/our (the employer) employ are legal citizens of the United States, or are legal aliens. Further, I/we shall continue to utilize a status verification system to confirm the legal status of all new employees assigned to this project during the term of this contract. In further compliance with the Immigration Reform and Immigrant Responsibility Act of 1996 administrated by the U.S. Department of Homeland Security, I/we shall require all subcontractors to submit to me/us (the employer) a sworn affidavit verifying its compliance with the Immigration Reform and Immigrant Responsibility Act of 1996, 8 U.S.C. 1324(a).

Signature of

(Authorized Signatory)

(Printed Name/Title of Authorized Signatory)

Sworn to and Subscribed before me:

This _____ day of _____, 20_____.

Notary Public

My Commission Expires _____

Attachment L

Vendor Registration

Form





VENDOR SETUP FORM

Company Name: _____

Physical Address: _____

City: _____ State: _____ Zip: _____

Owner/President: _____

Remit To Address: _____

City: _____ State: _____ Zip: _____

Contact Name: _____ Authorized Signature: _____

Contact Number: _____ Contact Fax: _____

Contact Email: _____ Company Website: _____

Banking Information (Required for EFT Payment, if applicable):

Bank Name: _____ Name on Bank Account: _____

Routing Number:

Account Number:

Type of Account: Checking Savings Corporate/Commercial

Required: Taxpayer Identification Number: _____

Type of Operation (Check all that apply):

- Individual Corporation Manufacturer Partnership Distributor
- Sole Proprietorship Retail Dealer Agent/Broker Limited Liability

PLEASE ATTACH ANY REVISED INFORMATION INCLUDING W9 AND/OR BANKING UPDATED INFORMATION, AS REQUIRED.....

Requisition #: _____ or N/A _____ (Direct pay items do not require a requisition #)

Approvals:

Requestor/Department: _____ Date: _____

Finance Approval: _____ Date: _____ 1099? Y N

Procurement Approval: _____ Date: _____

Date Entered: _____ Entered By: _____

* Attach Documentation (If Provided)

Select All Applicable Products/Service in Each Category:

Voice Services & Products:

- Call Accounting
- Calling Cards
- Local Services
- Voice Bridging
- VoIP Solutions
- Call Center
- Telephone Equipment
- Long Distance Services
- Voice Systems
- Wireless/Cellular
- Other: _____
- Other: _____

Network/Internet Services & Products:

- Converged Network Provider
- Internet Access
- Virtual Learning
- Custom Network/Internet Solutions
- Network Equipment
- Wireless LAN/MAN/WAN
- Other: _____
- Other: _____

Video Services & Products:

- Audio/Visual Equipment
- Interactive Video & Multimedia Equipment
- Video Bridging
- Integration Services
- Network Access
- Other: _____
- Other: _____

e-Learning Solutions:

- Course/Learning Management Application
- Training/Certification
- Course Content Provider
- Hosting – ASP Services
- Other: _____
- Other: _____

Computer Services & Products:

- Application Software (Microsoft, Adobe, Lotus, etc.)
- E-mail Applications
- Network Devices
- SAN, Enterprise, Etc.
- Web & Application Hosting/IT Services
- Computers, Servers & Add-On Components
- Internet Content Filtering Applications & Devices
- Peripheral Equipment
- Storage Systems
- Other: _____
- Other: _____

Additional Services & Products:

- Auditors
- Electrical Generators & Power Suppression Equip
- Office Furniture
- Consulting
- Library Supplies, Equipment & Furniture
- Office Supplies & Equipment
- Other: _____
- Other: _____
- Other: _____

Circle all that Apply: (DBE) (WBE) (MBE) (Section 3) (Small Business)

Required: (Attach a copy of your certification for all items circled above)

Check one: ___ African American ___ Hispanic ___ Native American ___ Asian ___ Caucasian ___ Other

Definitions:

Disadvantage Business Enterprise (DBE) – A business enterprise that is 51% or more owned, controlled, and actively operated by one or more persons who are classified as members of a racial minority group, such as African American, Hispanic American, Asian Pacific American, Asian Indian American, Native American, Aleuts or Hasidic Jewish Americans.

Woman Business Enterprise (WBE) - A business enterprise that is 51% or more owned, controlled, and actively operated by one or more women.

Section 3 Business - A business that meets one of the following:

1. 51% or more owned and controlled by a resident of any HANO Housing site or whose full-time permanent workforce includes 30% of HANO residents of any housing site;
2. Hud Youthbuild Program in Orleans Parish;
3. Business concerns that are 51% or more owned and controlled by HANO residents or are low or very low-income Orleans Parish Residents or whose full-time permanent workforce includes 30% of HANO residents or low/very low-income Orleans Parish residents;
4. Business that subcontracts in excess of 25% of the total amount of subcontracts to business concerns identified in the preferences above.

Small Business Enterprise (SBE) — A business concern, including its affiliates, that is independently owned and operated and is not dominant in the field of operation for which it is bidding and qualifies as a small business under the criteria and size standards in 13 CFR Part 121 (see FAR 19.102).

DECLARATION BY VENDOR

I confirm that:

- i) Neither I nor any employee of _____ is in any way connected to the Housing Authority of New Orleans or its employees or an immediate family member of any Housing Authority of New Orleans employee.
- ii) For each relationship, I will include a brief statement describing the relationship.
- iii) The information furnished is correct to the best of my knowledge and belief.

Printed Name of Authorized Signatory

Signature

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting*, later, for further information.

Note: If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States.

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Pub. 515, *Withholding of Tax on Nonresident Aliens and Foreign Entities*).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items.

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 24% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester,
2. You do not certify your TIN when required (see the instructions for Part II for details),
3. The IRS tells the requester that you furnished an incorrect TIN,
4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or
5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code*, later, and the separate Instructions for the Requester of Form W-9 for more information.

Also see *Special rules for partnerships*, earlier.

What is FATCA Reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code*, later, and the instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account; for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account (other than an account maintained by a foreign financial institution (FFI)), list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9. If you are providing Form W-9 to an FFI to document a joint account, each holder of the account that is a U.S. person must provide a Form W-9.

a. **Individual.** Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note: ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

b. **Sole proprietor or single-member LLC.** Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.

c. **Partnership, LLC that is not a single-member LLC, C corporation, or S corporation.** Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.

d. **Other entities.** Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.

e. **Disregarded entity.** For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2, "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

Line 3

Check the appropriate box on line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box on line 3.

IF the entity/person on line 1 is a(n) . . .	THEN check the box for . . .
• Corporation	Corporation
• Individual • Sole proprietorship, or • Single-member limited liability company (LLC) owned by an individual and disregarded for U.S. federal tax purposes.	Individual/sole proprietor or single-member LLC
• LLC treated as a partnership for U.S. federal tax purposes, • LLC that has filed Form 8832 or 2553 to be taxed as a corporation, or • LLC that is disregarded as an entity separate from its owner but the owner is another LLC that is not disregarded for U.S. federal tax purposes.	Limited liability company and enter the appropriate tax classification. (P= Partnership; C= C corporation; or S= S corporation)
• Partnership	Partnership
• Trust/estate	Trust/estate

Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space on line 4 any code(s) that may apply to you.

Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4.

- 1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
- 2—The United States or any of its agencies or instrumentalities
- 3—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities
- 5—A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission
- 8—A real estate investment trust
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940
- 10—A common trust fund operated by a bank under section 584(a)
- 11—A financial institution
- 12—A middleman known in the investment community as a nominee or custodian
- 13—A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5 ²
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

¹ See Form 1099-MISC, Miscellaneous Income, and its instructions.

² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) written or printed on the line for a FATCA exemption code.

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)

B—The United States or any of its agencies or instrumentalities

C—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities

D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)

E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(ii)

F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state

G—A real estate investment trust

H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940

I—A common trust fund as defined in section 584(a)

J—A bank as defined in section 581

K—A broker

L—A trust exempt from tax under section 664 or described in section 4947(a)(1)

M—A tax exempt trust under a section 403(b) plan or section 457(g) plan

Note: You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns. If this address differs from the one the requester already has on file, write NEW at the top. If a new address is provided, there is still a chance the old address will be used until the payor changes your address in their records.

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN.

If you are a single-member LLC that is disregarded as an entity separate from its owner, enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note: See *What Name and Number To Give the Requester*, later, for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at www.SSA.gov. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/Businesses and clicking on Employer Identification Number (EIN) under Starting a Business. Go to www.irs.gov/Forms to view, download, or print Form W-7 and/or Form SS-4. Or, you can go to www.irs.gov/OrderForms to place an order and have Form W-7 and/or SS-4 mailed to you within 10 business days.

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note: Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if item 1, 4, or 5 below indicates otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee code*, earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), ABLE accounts (under section 529A), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number to Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account) other than an account maintained by an FFI	The actual owner of the account or, if combined funds, the first individual on the account ¹
3. Two or more U.S. persons (joint account maintained by an FFI)	Each holder of the account
4. Custodial account of a minor (Uniform Gift to Minors Act)	The minor ²
5. a. The usual revocable savings trust (grantor is also trustee) b. So-called trust account that is not a legal or valid trust under state law	The grantor-trustee ¹ The actual owner ¹
6. Sole proprietorship or disregarded entity owned by an individual	The owner ³
7. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)(i)(A))	The grantor ⁴
For this type of account:	Give name and EIN of:
8. Disregarded entity not owned by an individual	The owner
9. A valid trust, estate, or pension trust	Legal entity ⁴
10. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
11. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
12. Partnership or multi-member LLC	The partnership
13. A broker or registered nominee	The broker or nominee

For this type of account:	Give name and EIN of:
14. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
15. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(i)(B))	The trust

¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

² Circle the minor's name and furnish the minor's SSN.

³ You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

⁴ List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see *Special rules for partnerships*, earlier.

***Note:** The grantor also must provide a Form W-9 to trustee of trust.

Note: If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records From Identity Theft

Identity theft occurs when someone uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
 - Ensure your employer is protecting your SSN, and
 - Be careful when choosing a tax preparer.
- If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

For more information, see Pub. 5027, Identity Theft Information for Taxpayers.

Victims of identity theft who are experiencing economic harm or a systemic problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes. Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@irs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at spam@uce.gov or report them at www.ftc.gov/complaint. You can contact the FTC at www.ftc.gov/idtheft or 877-IDTHEFT (877-438-4338). If you have been the victim of identity theft, see www.IdentityTheft.gov and Pub. 5027.

Visit www.irs.gov/IdentityTheft to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.

Attachment M

Sample Bid Bond

Form



INVITATION FOR BIDS (IFB) No. 23-913-42 INTERIOR/EXTERIOR MAKE READY REPAIRS DT SS AND FISCHER

SAMPLE FORM OF BID BOND

BID BOND

KNOW ALL MEN BY THESE PRESENTS:

That we, _____ as Principal, hereinafter called the Principal, and _____ a corporation duly organized under the laws of the State of Louisiana, as Surety, are held and firmly bound unto the Housing Authority of New Orleans (HANO), for the sum of _____ Dollars (\$ _____), for the payment of which sum well and truly to be made, the said Principal and the said Surety bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly be these presents.

WHEREAS, the Principal has submitted a bid for _____

_____ Located at _____
(Identify project by number and brief description)

NOW THEREFORE, if the HANO shall accept the bid of the Principal and the Principal shall enter into a contract with the HANO in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the HANO the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the HANO may in good faith contract with another party to perform work covered by said bid or an appropriate required amount as specified in the Invitation for Bids, the foregoing to include any other purposes or items set out in, and to be subject to, provisions of La. R.S. 38:2241; 38:2216, as amended, then this obligation shall be null and void; otherwise to remain in full force and effect.

IN WITNESS WHEREOF, the Principal and Surety have hereto set their hands and seals, this __ day of _____, 20_____.

PRINCIPAL

SURETY

(Name and Seal)

(Attorney-in-Fact)

ATTEST: _____

ATTEST: _____

Attachment N

Performance Bond

Sample Form

(only required post-bid from
awarded bidder)



INVITATION FOR BIDS (IFB) No. 23-913-42 INTERIOR/EXTERIOR MAKE READY REPAIRS DT SS AND FISCHER

PERFORMANCE AND PAYMENT BOND (OR BONDS)

CITY OF: _____ STATE OF: LOUISIANA

PARISH OF: _____ PROJECT NO: _____

KNOW ALL MEN BY THESE PRESENTS: That we, the undersigned: _____

Of the City of _____ Parish of _____, State of _____

As Principal, and _____, duly authorized under the Laws of the State of Louisiana to act as surety on bonds for the Principals, and as SURETY, are held and firmly bound unto the HOUSING AUTHORITY of the City of NEW ORLEANS, in Louisiana, a public body corporate and politic, created under and by virtue of the Laws of the State of Louisiana, (hereinafter referred to as the Local Authority) and to subcontractors, workmen, laborers, mechanics, furnishers of materials, and to all others entitled to protection under public Contract Bonds in accordance with the Laws of this State, the provisions of such Laws being incorporated herein by reference as their interest may appear, all of whom shall have the right to sue upon this Bond in the penal sum of:

_____ (\$ _____)

THE CONDITION OF THIS OBLIGATION IS SUCH THAT, WHEREAS,

The above bounded Principal has on the _____ day of _____, 20____, by an Instrument in writing, entered into a Contract with the Local Authority to furnish all materials, labor, tools, equipment, supervision, and other accessories, and to do all work necessary to complete the requirements within the Plans and Specifications for: _____, and Addenda thereto, numbered _____ Dated: _____ and, which said Specifications, Addenda and Drawings are incorporated herein by reference, and made a part hereof.

NOW, THEREFORE, if the said principal shall well and truly in good sufficient and workmanlike manner, faithfully perform said Contract and Agreement, and shall and will in all respects duly and faithfully perform all and singular the covenant-conditions and agreements in and by said Contract agreed and covenanted by the said Principal, to be observed and performed and according to the true intent and meaning of said Contract, Plans and Specifications thereunder perform and complete the work required, and shall defend, indemnify and save harmless said Local Authority against all damages, claims, demands, expenses, and charges of every kind (including claims of patent infringement) arising out of injury or damage to persons or property by reason of said Contract and the work thereunder required of said Principal or arising from any act, omission or neglect of said Principal, his agents, or employees with relation to said work and shall pay all costs, charges, rentals, and

HOUSING AUTHORITY OF NEW ORLEANS, LA

INVITATION FOR BIDS (IFB) No. 23-913-42 INTERIOR/EXTERIOR MAKE READY REPAIRS DT SS AND FISCHER

expenses for labor, materials, supplies, and equipment, and deliver to the said Local Authority completed and ready for occupancy or operation and free from all liens, encumbrances, or claims for labor, materials or otherwise, during the original term of same, as well as during any period of extension of said Contract that may be granted on the part of the Local Authority; and shall promptly well and truly make payment to persons, firms, corporations, subcontractors, workmen, laborers, mechanics, furnishing materials for, or performing labor in prosecution of work provided in such Contract, all moneys to them owing by said Principal for subcontractor's work, labor and materials, workmen's compensation insurance, excise taxes or other lawful public charges, provided, furnished, or applicable to the construction of such improvements, provided in such Contract, for the said Local Authority and shall pay to the said Local Authority, all penalties provided for under the laws of this State for the violation of any provisions of law and/or of the provisions of said Contract, and shall pay all other expenses lawfully chargeable to the said Local Authority by reason of any default or neglect in the relation of said Contract and said work-then the obligation shall be and become null and void, otherwise to remain in full force and effect.

No modifications, omissions, or additions in or to the terms of said Contract, in the Plans and Specifications, or in the manner and mode of payment, shall in any manner affect the obligation of the undersigned Surety in connection with the aforesaid Contract.

The undersigned hereby does further consent and yield to the jurisdiction of the Civil District Court for the Parish of Orleans, in the State of Louisiana and does hereby formally waive any pleas of jurisdiction on account of the residence elsewhere of the undersigned Surety, as well as all pleas or discussions in regard to the Contractor, its Principal under this Bond.

IN WITNESS WHEREOF, the above bonded parties have executed this Instrument under their several Seals, and these presents duly signed by their undersigned representative pursuant to the authority of their governing bodies;

IN THE PRESENCE OF:

ATTEST:

By: _____
Title: _____
Date: _____

INVITATION FOR BIDS (IFB) No. 23-913-42 INTERIOR/EXTERIOR MAKE READY REPAIRS DT SS AND FISCHER

BUSINESS ADDRESS:

(Corporate Surety)

ATTEST:

By: _____

Title: Attorney-in-Fact

Date: _____

BUSINESS ADDRESS:

The rate of premium on this bond is \$ _____ per thousand

The total amount of premium is \$ _____

Attachment O
Davis Bacon
Wage Rates



"General Decision Number: LA20230041 06/16/2023

Superseded General Decision Number: LA20220041

State: Louisiana

Construction Type: Building

County: Orleans County in Louisiana.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or 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)(2)-(60).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	. Executive Order 14026 generally applies to the contract. . The contractor must pay all covered workers at least \$16.20 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 2023.
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 \$12.15 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 2023.

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	01/06/2023
1	01/13/2023

2 01/20/2023
3 06/16/2023

ASBE0053-001 08/29/2022

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR.....	\$ 30.20	9.62

ELEC0130-010 12/05/2022

	Rates	Fringes
ELECTRICIAN (Including Communication Technician and Low Voltage Wiring).....	\$ 32.75	14.51

ELEV0016-001 01/01/2023

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 46.83	37.335+a+b

a. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the Friday after Thanksgiving Day and Christmas Day.

b. VACATION: Employer contributes 8% of basic hourly rate for 5 years or more of service; 6% of basic hourly rate for under 5 years of service as vacation pay credit.

ENGI0406-002 07/01/2014

	Rates	Fringes
POWER EQUIPMENT OPERATOR (Crane).....	\$ 23.46	8.35

CRANE PREMIUMS:
50-150 Tons \$1.75
Over 150 Tons \$2.25

IRON0623-021 01/01/2023

	Rates	Fringes
IRONWORKER (REINFORCING AND STRUCTURAL).....	\$ 33.25	12.22

PAIN1244-006 09/01/2022

	Rates	Fringes
GLAZIER.....	\$ 23.41	11.65

PAIN1244-013 12/01/2021

	Rates	Fringes
PAINTER: Spray Only (Excludes Drywall Finishing/Taping).....	\$ 18.83	9.48

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 30.47	7.97

* PLUM0060-009 06/05/2023

	Rates	Fringes
PIPEFITTER (Including HVAC Pipe and Unit Installation; Excluding Installation of HVAC Temperature Controls).....	\$ 31.70	13.85
PLUMBER (Installation of HVAC Temperature Controls; Excluding HVAC Pipe and Unit Installation).....	\$ 31.70	13.85

SHEE0214-010 09/01/2013

	Rates	Fringes
SHEET METAL WORKER (Including HVAC Duct Installation).....	\$ 26.71	11.93

* SULA2012-026 09/22/2014

	Rates	Fringes
BRICKLAYER.....	\$ 18.66	0.00
CARPENTER (Form Work Only).....	\$ 15.00 **	0.00
CARPENTER, Excludes Drywall Hanging and Metal Stud Installation, and Form Work.....	\$ 19.37	2.46
DRYWALL FINISHER/TAPER.....	\$ 16.55	0.00
DRYWALL HANGER AND METAL STUD INSTALLER.....	\$ 18.21	4.90
LABORER: Common or General.....	\$ 13.09 **	0.00
LABORER: Mason Tender - Brick...	\$ 12.38 **	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 22.92	0.00
PAINTER (BRUSH AND ROLLER), Excludes Drywall Finishing/Taping.....	\$ 17.25	0.00
ROOFER.....	\$ 16.77	5.66
SPRINKLER FITTER (Fire Sprinklers).....	\$ 21.08	5.79
TILE SETTER.....	\$ 20.00	0.00
TRUCK DRIVER: Dump Truck.....	\$ 15.00 **	0.00

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 (\$16.20) or 13658 (\$12.15). Please see the Note at the top of the wage determination for more information.

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) (ii)).

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.

=====

END OF GENERAL DECISION"

Attachment P

Employment, Training, and Contracting Policy



Housing Authority of New Orleans



Housing Authority of New Orleans

EMPLOYMENT, TRAINING, AND CONTRACTING POLICY

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Part I: Policy, Purpose, Requirements, Definitions

A. Introduction and Summary

The Housing Authority of New Orleans (HANO) has established a policy whereby any contractor that transacts business with HANO must meet the requirements of HANO's Section 3 and DBE/WBE policy as outlined in this document. This policy applies to all contracts valued at \$100,000 or greater. Contractors will: 1) offer Section 3 employment, training and employment skill building programs for eligible Section 3 residents and 2) provide Section 3 Business Concerns, Disadvantaged Business Enterprises (DBEs) as well as Woman Business Enterprises (WBEs) with the maximum opportunity to participate in the performance of contracts awarded by HANO. HANO will make a good faith effort to recruit as many Section 3 eligible residents and businesses as possible for employment and instructional positions and contract opportunities, in an effort to provide economic opportunities for area residents and area business concerns.

This document serves to fulfill two (2) main objectives: 1) it outlines the Section 3 & Section 3 Business Concerns/DBE/WBE policy and program compliance measures of HANO, and 2) it contains program definitions, requirements, required forms, information on program assistance provided by HANO, and other information related to HANO's Employment, Training and Contracting Policy. This document replaces all previous policies and is in immediate effect as of the HANO Board approval date.

Summary of Requirements

	Targeted Section 3 Worker	Section 3 Worker	SMDBE Contracting	WBE Contracting	Section 3 Contracting	Section 3 Training & Internship
Requirements	A worker employed by a Section 3 business concern or a worker who currently fits or when hired fits at least one of the following categories, as documented within the past 5 years. 1. Public Housing resident, Section 8 assisted housing or Youthbuild. 2. Income-eligible resident of Public Housing or Section 8 assisted housing managed by the PHA. 3. Youthbuild Participant. 4. Labor Benchmark of 5%. **Included in the 25% requirement.	Individual's income is below the Low-Income limit is less than 80% AML. Employed by a Low-Income business concern. Youthbuild Participant. Labor Benchmark of 25%.	25% of the value of the construction contracts.	5% of the value of the construction contracts.	10% of the value of the construction contracts.	Paid Training and Internship Spots as listed in the Chart on Page 16 of HANO's Employment, Training and Contracting Policy.

These requirements apply to all prime and subcontractors where the value of the contract with HANO is \$100,000 or greater.

B. Definitions

Labor Hours: The number of paid hours worked by persons on a Section 3 project or by persons employed with funds that include public housing assistance.

Professional Services: Non-construction services that require an advanced degree or professional licensing, including, but not limited to, contract for legal services, financial consulting, accounting services, environmental services, architectural services, and civil engineering services.

Local Hire: Employee Residing within Orleans Parish.

Low-Income Person: A family (including single persons) whose income does not exceed 80% of the median income for the area, as determined by HUD, with adjustments for smaller and larger families.

Very Low-Income Person: A family (including single persons) whose income does not exceed 50% of the median family income for the area, as determined by HUD, with adjustments for smaller and larger families.

New Hires: Full-time employees not previously employed on this contract for permanent, temporary or seasonal employment opportunities.

Section 3 Worker: Any worker who currently fits or, when hired within the past 5 year fit, at least one of the following categories, as documented:

- (1) The worker's income for the previous or annualized calendar year is below the income limit established by HUD, or
- (2) The worker is employed by a Section 3 Business Concern, or
- (3) The worker is a YouthBuild participant.

Service area or the neighborhood of the project: An area within one mile of the Section 3 project or, if fewer than 5,000 people live within one mile of a Section 3 project, within a circle centered on the Section 3 project that is sufficient to encompass a population of 5,000 people according to the most recent U.S. Census.

Core Employees: Persons listed and verified as employed with company before the contract execution date.

Contractor: Any entity which contracts for the performance of work generated by the expenditure of Section 3 covered assistance, or performing work in connection with a Section 3 covered project.

Housing Authority (HA): Public Housing Agency

Housing Development: Housing owned, developed, or operated by public housing agencies in accordance with HUD's public housing program regulations codified in 24 CFR Chapter IX.

Employment Opportunities Generated by Section 3 Covered Assistance: All employment opportunities generated by the expenditure of Section 3 covered public assistance (i.e., operating assistance, development assistance and modernization assistance, (as described in 24 CFR Section 135.3 (a) (1)). With respect to Section 3 covered housing and community development assistance, this term means all employment opportunities arising in connection with Section 3 covered projects (as described in Section 135.3 (a) (2)), including management and administrative jobs. Management and administrative jobs include architectural, engineering or related professional services required to prepare plans, drawings, specifications, or work write-ups; and jobs directly related to administrative support of these activities, e.g., construction manager, relocation specialist, payroll clerk, etc.

HUD Youthbuild Programs: Programs that receive assistance under subtitle D of Title IV of the National Affordable Housing Act, as amended by the Housing and Community Development Act of 1992 (42 U.S.C. 12899), and provide disadvantaged youth with opportunities for employment, education, leadership development, and training in the construction or rehabilitation of housing for homeless individuals and members of low- and very low-income families.

Recipient: Any entity which receives Section 3 covered assistance, directly from HUD or from another recipient and includes, but is not limited to, any State unit of local government, PHA, or other public body, public or private nonprofit organization, private agency or institution, mortgagor, developer, limited dividend sponsor, builder, property manager, community housing development organization, resident management corporation, resident council, or cooperative association. Recipient also includes any successor, assignee or transferee of any such entity, but does not include any ultimate beneficiary under the HUD program to which Section 3 applies and does not include contractors.

Section 3: Section 3 of the Housing and Urban Development Act of 1968, as amended (12 U.S.C. 1701u).

Section 3 Business Concern:

- (1) Business concerns that 51 percent (51%) owned and controlled by current public housing residents or residents who currently live in Section 8-assisted housing; or
- (2) Business where over 75 percent (75%) of the labor hours performed for the business over the prior three-month period are performed by Section 3 workers; or
- (3) Business concerns that are at least 51 percent (51%) owned and controlled by low- or very low-income persons.

Section 3 Covered Contracts: A contract or subcontract (including a professional service contract) awarded by a recipient or contractor for work generated by the expenditure of Section 3 covered assistance, or for work arising in connection with a Section 3 covered project. Section 3 covered contracts do not include contracts awarded under HUD's procurement program, which are governed by the Federal Acquisition Regulation (FAR). Section 3 covered contracts also do not include contracts for the purchase of supplies and materials only. However,

whenever a contract for materials includes the installation of the materials, the contract constitutes a Section 3 covered contract

Section 3 Covered Project: The construction, reconstruction, conversion or rehabilitation of housing (including reduction and abatement of lead-based paint hazards), other public construction which includes buildings or improvements (regardless of ownership) assisted with housing or community development assistance.

Small, Minority, and Disadvantaged Business Enterprise (SMDBE): A business enterprise that is 51% or more owned, controlled, and actively operated by one or more persons who experience some form of social or economic disadvantage. For the purposes of SMDBE identification, the factors for proving social or economic disadvantage include at least one objective distinguishing factor such as race, ethnic origin, gender or gender identification, physical handicap, service in the military, long-term residence in an environment isolated from the mainstream of society, or other similar causes not common to individuals who are not socially disadvantaged.

Subcontractor: Any entity (other than a person who is an employee of the contractor) which has a contract with a contractor to undertake a portion of the contractor's obligation for the performance of work generated by the expenditure of Section 3 covered assistance, or arising in connection with a Section 3 covered project.

Targeted Section 3 Worker: For public housing assistance, a Section 3 worker who is:

- (1) A worker employed by a Section 3 Business Concern; or
- (2) A worker who currently fit, or when hired within the past five (5) years fit, at least one of the following categories:
 - (i) A resident of public housing or Section 8-assisted housing; or
 - (ii) A resident of other public housing projects or Section 8-assisted housing managed by HANO; or
 - (iii) A YouthBuild participant.

YouthBuild programs: YouthBuild programs receiving assistance under the Workforce Innovation and Opportunity Act (WIOA).

U.S.C. 1701u).

Section 3 Final Rule: Section 3 Final Rule makes changes to the Section 3 regulations, now codified in 24 CFR Part 75 and is effective on November 30, 2020, designed to focus on economic opportunity outcomes while simultaneously reducing regulatory burden. These changes improve the effectiveness of Section 3, streamline some process that have not yielded significant benefits, and encourage HUD grantees to focus on sustained employment for low-and very low income individuals.

C. HANO Section 3 & DBE/WBE Policy Statements

Section 3 Policy Statement

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 New Orleans to ensure that employment and other economic and business opportunities generated by financial assistance from the Department of Housing and Urban Development (“HUD”), 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.

With the Housing Authority of New Orleans’ (HANO) Board Resolution Number 2021-18, HANO hereby reaffirms its commitment of ensuring that all contractors and any tier subcontractors that are awarded a contract of \$100,000 or greater by HANO for work generated through the expenditure of HUD funding shall take all necessary and reasonable steps to provide meaningful, full-time, permanent employment and training to Section 3 residents. It is further reaffirmed that all vendor/contractors and any tier subcontractors that are awarded a contract for work generated through the expenditure of HUD funding shall take all necessary and reasonable steps to provide contracting opportunities to Section 3 business concerns.

To comply with the Act and Board Resolution Number 2021-18, the requirements of this policy is to obtain a reasonable level of success in the recruitment, employment, and utilization of HANO residents and other eligible persons and/or businesses by contractors working on contracts partially or wholly funded with HUD monies. HANO 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 Request for Proposals (RFP), Request for Qualifications (RFQ) or Invitation for Bids (IFB), HANO will require submission of the Section 3 Opportunities Plan, roster of Core Employees, and certification that the respondent will comply with the requirements of Section 3 and this policy.

HANO, in accordance with applicable laws and regulations including those published at 24 CFR Part 75 and effective on November 30, 2020, has established employment and training requirements that contractors and subcontractors are expected to meet in order to comply with Section 3 requirements.

HANO’s Section 3 requirement is that Section 3 Workers must perform 20% of all labor hours on a covered contract, and that Targeted Section 3 Workers must perform 5% of all labor hours on a covered contract.

It is the contractor’s responsibility to implement progressive efforts to attain Section 3 compliance. Failure to attain Section 3 compliance in accordance with their contract will subject contractors to penalties including, but not limited to, the withholding of payments.

Small, Minority, and Disadvantaged Business Policy Statement Consistent with Presidential Executive Orders 11625, 12138, and 12432, and as promulgated in 2 CFR Part 200 and in the Housing Authority of New Orleans’ (HANO) Board Resolution Number 2021-18, HANO hereby

modifies the numerical requirements relative to contracting with Small, Minority, and Disadvantaged Business Enterprises (SMBDE). HANO also reaffirms its commitment of ensuring that all contractors and any tier subcontractors that are awarded a contract for work generated through the expenditure of HUD funding shall take all necessary and reasonable steps to provide SMDBEs with the maximum opportunity to participate in the performance of contracts awarded by HANO.

HANO's SMDBE requirement is 30% of the value of the contract will be awarded to qualified SMDBEs. Small, Minority and Disadvantaged Business Enterprise requirements will be 25% of the value of the contract and Women Owned Business Enterprise requirements will be 5% of the value of the contract.

To comply with this requirement and Board Resolution Number 2021-18, the requirements of this policy is to obtain a reasonable level of success in the utilization of eligible businesses by contractors working on contracts partially or wholly funded with HUD monies. HANO shall examine and consider a contractor's potential for success in meeting these requirements prior to acting on any proposed contract award.

In response to any Request for Proposals (RFP), Request for Qualifications (RFQ) or Invitation for Bids (IFB), HANO will require submission of evidence and certification that the bidder will comply with the requirements of this policy.

D. Section 3 New Hire & Contracting Requirements

Section 3 Numerical Requirements and Order of Preference:

In accordance with Section 3, HANO requires that all contractors and any tier subcontractors shall provide training and employment opportunities to Section 3 residents to meet or exceed a numerical requirement of 25% of hours worked requirement. Which is 5% of hours worked for Targeted Section 3 Workers and 20% for Section 3 Workers. The priority list is:

- Priority 1: A resident of HANO housing site where the work is being done
- Priority 2: A resident of any HANO housing site
- Priority 3: A participant in HUD Youthbuild program in Orleans Parish
- Priority 4: A Section 8 assisted resident of Orleans Parish
- Priority 5: 5% Labor Hours Benchmark included within the 25% requirement

Contracting Requirements

In accordance with Section 3, HANO requires that all contractors and any tier subcontractors shall direct 10% of the contract value to Section 3 business concerns for construction contracts in the following order of priority:

- Priority 1: Business concerns that are 51% or more owned by residents of the HANO housing development or developments for which the Section 3 covered assistance is expended, or whose full-time, permanent workforce includes 30% of these persons as employees; or
- Priority 2: Business concerns that are 51% or more owned by residents of other HANO housing developments that is expending the Section 3 covered assistance, or

whose full-time, permanent workforce includes 30% of these persons as employees; or

Priority 3: HUD Youthbuild programs in Orleans Parish; or

Priority 4: Business concerns that are 51% or more owned by low or very-low income Section 3 residents, or whose permanent, full-time workforce includes no less than 30% Section 3 residents, or that subcontract in excess of 25% of the total amount of subcontracts to business concerns identified in paragraphs (1) and (2) of this section.

Section 3 businesses seeking a contract or subcontract shall be responsible for submitting evidence, if requested, to demonstrate to the satisfaction of the contracting party that the business concern is responsible and has the ability to perform successfully under the terms and conditions of the proposed contract.

Contractors must incorporate and enforce the provisions of the Section 3 policy and numerical requirements in any and all tier subcontracts. Requirements relative to employment and contracting with Section 3 residents and business concerns shall not apply to contracts less than \$100,000 and shall not apply to contracts for the purchase of supplies and materials unless the contract for materials includes installation.

In some instances, the requirements relative to contracting with Section 3 business concerns and DBEs/WBEs may overlap; however, **participation can only count toward one requirement**. For example, if a subcontract is let to a Section 3 business concern that also qualifies as a DBE, then the contractor may count the subcontract either towards its Section 3 contracting requirements or towards its DBE contracting requirements; the contractor shall not be allowed to count the participation towards both requirements.

E. DBE/WBE Contract Requirements

Numerical Requirements

HANO requires that all contractors and any tier subcontractors shall direct their subcontracting opportunities to DBEs/WBEs as follows:

- Disadvantaged Business Enterprises - 20% of the total value of contract
- Woman Business Enterprises - 5% of the total value of contract

DBE and WBE businesses seeking a contract or subcontract shall be responsible for submitting evidence, if requested, to demonstrate to the satisfaction of the contracting party that the business concern is responsible and has the ability to perform successfully under the terms and conditions of the proposed contract.

Contractors must incorporate and enforce the provisions of this policy and numerical requirements in any and all tier subcontracts. HANO must receive a copy of all tier subcontracts.

In some instances, the requirements relative to contracting with Section 3 business concerns and DBEs/WBEs may overlap; however, an individual company's participation can only count toward one requirement on a contract. For example, if a subcontract is let to a WBE concern that also qualifies as a DBE, then the contractor may count the subcontract either towards its WBE contracting requirements or towards its DBE contracting requirements; the contractor shall not be allowed to count the participation towards both requirements.

Requirements relative to contracting with DBEs/WBEs shall not apply to contracts less than \$100,000 and shall not apply to contracts where the contractor is not subcontracting for any work, materials, supplies, services, etc, or when the sole source or specified items are not available from DBEs/WBEs.

100% of the participation of DBE/WBE suppliers shall count towards the requirements as long as the supplier maintains an inventory and/or significantly alters the product for distribution. In cases where the DBE/WBE supplier does not maintain an inventory and/or does not significantly alter products for distribution, only 25% of the DBE/WBE supplier's participation shall count toward the requirements.

Part II- Procurement & Contractor Requirements and Procedures

A. Section 3 Contracting Requirements & Procedures

The procedures outlined herein shall apply to all contractors seeking contracting opportunities with the Housing Authority of New Orleans.

As part of the response to an IFB, RFP, RFQ, or other solicitation, respondents (prime) are required to submit a Section 3 Employment and Training Action Plan (SETAP) to identify overall projected employment by type and phase, Section 3 hiring, training and contracting requirements, objectives, and actions that will be implemented to ensure compliance with the requirements of Section 3. (See Section III for Section 3 Employment & Training Action Plan format).

The **HANO Section 3 Coordinator** will be responsible for coordinating with the Department of Procurement and Contracts to review the Section 3 Employment and Training Action Plan prior to the award of the contract. Upon selection, HANO will work with the selected firm to finalize the Section 3 Plan, including identification of HANO assistance to be provided (if any), timelines for action, and review of reporting and compliance requirements. The Section 3 Employment and Training plan is separate and apart from the Disadvantaged/Women Business Enterprise Plan and must be completed in addition to the DBE/WBE Plan.

I. Prior to Bid/Pre Certification Process: HANO Resident-Owned Businesses can Visit www.hano.org, to complete and submit a Section 3 Business Concerns Application.

II. Bid/Proposal Phase: Contractors submitting bids and/or proposals to HANO shall be required to complete and submit the following forms (Appendix):

- Section 3 Employment Action Plan
- Section 3 Training Action Plan
- Section 3 Contracting Action Plan
- Section 3 Employment and Training Schedule
- List of Core Employees (including date of hire for each core employee and address)
- Contracting Schedule
- Letter of Intent
- Statement of Understanding

III. Pre-Award Phase: Subsequent to the submission of bids/proposals, but prior to contract award, contractors may be requested to provide additional information regarding the submissions required in the Bid/Proposal Phase. Such requests may be made in instances where the contractor does not show sufficient detail in their required Action Plans, where the contractor's required Schedules do not reflect achievement of the minimum stated requirements, where the contractor has not identified the name of the Section 3 subcontractor(s) in the required Schedules and does not have signed Letters of Intent, or where it is deemed necessary by HANO's Section 3 Coordinator.

IV. Contract Performance Phase:

Section 3 Contract Performance Monitoring

HANO shall monitor and evaluate the contractor's Section 3 compliance towards achieving the numerical requirements relative to Section 3 employment, training, and contracting throughout the contract period. The contractor shall be responsible for providing the following reports to HANO, which shall be submitted no later than 5:00 p.m., on the fifth business day of each month throughout the contract period (Appendix):

- Core Employee List Subcontractors / New Contracts
- Section 3 Employment and Training Compliance Reports
- Section 3 Labor/Manhour Report
- Contracting Compliance Report
- Section 3 Individual Income Verification Form
- Employer Paid Training Report

Upon HANO's request, the contractor and all tier level sub-contractors are required to provide supporting documentation and proof of previous employment of any and all core employees prior to working on a HANO project.

The contractor shall also ensure that for each Section 3 resident hired, a Section 3 Individual Income Verification Form is completed. The Section 3 Individual Income Verification Form shall be completed by the resident, and submitted to the contractor. This documentation should be included with the monthly reports submitted to HANO.

The contractor shall be responsible for monitoring the compliance of any tier subcontractors. In doing so, the contractor shall require monthly reports, in the formats provided, from its lower tier subcontractors.

Determination of Compliance

Contractors and their subcontractors are required to demonstrate compliance with the Section 3 employment and contracting requirements by meeting the numerical requirements set forth above. Contractors who do not meet the contracting numerical requirements must thoroughly document its inability to comply. In addition, HANO requires contractors that fail to meet the contracting requirements set forth in this policy use the alternative measures listed on page 15 to comply. Contractor's efforts shall be directed towards identifying methods to achieve success under this program through the following requirements:

Hiring:

- Target recruitment of Section 3 residents for training and employment by taking steps such as:
 - Prominently place a notice of commitments under Section 3 at the project site or other places where applications for training and employment are taken, advertise in the local media;

- Contact HANO, HANO resident councils, HANO resident management corporations, and HANO residents;
 - Consider contracting with HANO Resident Councils and/or Resident Management Corporations;
 - Contact HANO for a list of agencies which may be able to provide assistance regarding opportunities for training which can be utilized on this contract;
 - Contact local job training centers, employment service agencies, and community organizations;
 - Develop on-the-job training opportunities or participate in job training programs;
 - Develop or participate in certified Pre-Apprenticeship/Apprenticeship Trainings Programs for construction trades on Construction Contracts and Paid Internship/Summer Employment Opportunities for Non-Construction Contracts.
- Keep a list of Section 3 area residents who apply on their own or by referral for available positions.
 - Send to labor organizations or representatives of workers with whom the recipient, contractor, or subcontractor has a collective bargaining agreement or other understanding, a notice about contractual commitments under Section 3.
 - Select Section 3 area residents, particularly HANO residents, for training and employment positions.
 - Provide ongoing monitoring of the program by the contractor and its subcontractors to ensure compliance and to identify problems or difficulties in meeting the requirements, and implement strategies to overcome the problems. Where problems or difficulties in meeting the requirements are encountered, take aggressive efforts to rectify the matter. Such action shall include, but not be limited to, convening a meeting with HANO to advise it of the problems and proposed solutions. HANO will offer its assistance whenever possible.

Where feasible, adjust the initial Section 3 and DBE/WBE Action Plan to increase the use of Section 3 residents in categories where the Plan has been successful to compensate for those categories of lower success.

B. DBE/WBE Certification

Businesses wishing to participate in HANO contracts as DBEs/WBEs must be certified by HANO's Section 3/DBE/WBE Coordinator, in the Development and Modernization Department. Businesses claiming DBE/WBE status must be certified in order to have their participation counted toward the contracting requirements stated herein. Interested businesses must initiate the certification process by submitting an application for certification to the Housing Authority. Applications for certification may be obtained by visiting HANO's website at www.hano.org.

Contracting Procedures:

The procedures outlined herein shall apply to all contractors seeking contracting opportunities with the Housing Authority of New Orleans.

I. Prior to Bid/Pre Certification Process: If qualified, contractors can visit www.hano.org, to complete and submit a Disadvantaged Business Enterprise Program Certification Application.

II. Bid/Proposal Phase: Contractors submitting bids and/or proposals to HANO shall be required to complete and submit the following forms (Appendix):

- A. DBE/WBE Contracting Action Plan
- B. Contracting Schedule
- C. Letter of Intent
- D. Statement of Understanding

III. Pre-Award Phase: Subsequent to the submission of bids/proposals, but prior to contract award, contractors may be requested to provide additional information regarding the submissions required in the Bid/Proposal Phase. Such requests may be made in instances where the contractor does not show sufficient detail in their required Action Plans, where the contractor's required Schedules do not reflect achievement of the minimum stated requirements, where the contractor has not identified the name of the DBE/WBE subcontractor(s) in the required Schedules and does not have signed Letters of Intent, or where it is deemed necessary by HANO's Compliance Officer.

IV. Contract Performance Phase: HANO shall monitor and evaluate the contractor's compliance towards achieving the numerical requirements relative to DBE/WBE contracting throughout the contract period. The contractor shall be responsible for providing the following reports to HANO, which shall be submitted no later than 5:00 p.m., on the fifth business day of each month throughout the contract period:

- Contracting Compliance Report

The contractor shall be responsible for monitoring the compliance of any tier subcontractors. In doing so, the contractor shall require monthly reports, in the formats provided, from its lower tier subcontractors.

Contracting:

- Target recruitment of DBEs/WBEs by taking such steps as:
 - Contact DBEs/WBEs in the HANO's directory;
 - Prominently place a notice of commitment relative to DBE/WBE contracting at the project site and other appropriate places;
 - Contact HANO for a list of certified firms;
 - Contact other organizations which might be helpful in identifying DBEs/WBEs and advertise in local media.

- Make every effort to use DBEs/WBEs included in HANO’s directory of certified firms. Such efforts may include, but are not limited to:
 - Dividing total work into smaller sub-tasks (i.e. by floor);
 - Using multiple firms for the same type of work (i.e. two drywall subcontractors or several plumbing suppliers);
 - Exercise flexibility in utilizing DBEs/WBEs in other or additional areas than initially proposed if necessary to meet the program objectives.

- Provide ongoing monitoring of the program by the contractor and its subcontractors to ensure compliance and to identify problems or difficulties in meeting the requirements, and implement strategies to overcome the problems. Where problems or difficulties in meeting the requirements are encountered, take aggressive efforts to rectify the matter. Such action shall include, but not be limited to convening a meeting with HANO to advise it of the problems and proposed solutions. HANO will offer its assistance whenever possible.

- Where feasible, adjust the initial DBE/WBE Contracting Action Plan to increase the use of Section 3 business concerns in categories where the Plan has been successful, to compensate for those categories of lower success.

C. Reporting Open Positions

All HANO contractors and subcontractors are required to report all job openings in connection with a contract resulting from any solicitation on HANO’s social media sites, by sending the job flyer to the Section 3 Coordinator, HANO’s website and to the onsite/project Section 3 Coordinator as soon as the job becomes available. This will aid in fulfilling the dual requirements of the shared job database by connecting low-income residents in need of employment with contractors seeking to hire Section 3 employees. Noncompliance with HANO’s requirement may result in sanctions, termination of the contract for default, and debarment or suspension from future HANO contracts.

* For Construction Projects – All new hires must go through the on-site hiring process with the Section 3 Coordinator

Part III- Compliance Requirements

Compliance Requirements for Section 3/DBE/WBE Contracting

If a contractor or subcontractor cannot meet the Section 3, DBE, WBE contracting requirements it must thoroughly document its inability to comply. In addition, HANO requires contractors that fail to meet the contracting requirements set forth in this policy use the following alternative measures to comply:

- Contractors must contribute to HANO's Section 3 Employment, Training and Contracting Fund (ETCF), which provides training and other economic opportunities for HANO residents:
 - **Trade, Construction and Rehab Contractors must contribute 2% of the total contract amount.**

HANO will primarily use the Section 3 Employment, Training and Contracting Fund to pay for resident self-sufficiency programming through HANO's partnerships with Local Colleges, State Approved Trade Programs, paid Work Experience/Internship Programs, Youth Summer Employment Programs and various other employment and training programs for residents. The site in which the construction or project is occurring will receive a portion of funds generated from that respective site for programs and equipment related to resident training.

Compliance Requirement for Project Labor Agreements or Community Workforce Agreements

HANO shall require that a Project Labor Agreement or Community Workforce Agreement be entered into between the trade unions and the developer, contractor, and subcontractors for all projects whose collective value under HANO contracts is \$25 million or more. The Project Labor Agreement or Community Workforce Agreement shall comply with all requirements of the HANO Section 3 and DBE/WBE Employment, Training, and Contracting Policy dated July 27, 2021. The unions, developers, contractors, and subcontractors shall consult with HANO, resident leaders, and community stakeholders on the terms of the agreement prior to its execution.

Part IV – Training Requirements

Training Requirements for Construction Contracts

- HANO requires all construction contracts that are greater than (\$100,000.00) one hundred thousand dollars in total construction cost and is anticipated to exceed 6 months of construction; to include a detailed and well defined plan on how they will provide a certified pre-apprenticeship or apprenticeship training programs to at least (1) one Section 3 Resident in its priority order. (1) One additional Section 3 Resident in its priority order will be provided training for every additional (\$500,000) five hundred thousand to (\$1,000,000.00) one million dollars of the total contract value. The training plan and trainings must be aligned with the scope of work in the contract and approved by HANO. A training program participant can only count for (1) one training slot per total contract amount. Those who do not offer a certified pre-apprenticeship or apprenticeship training program will contribute into the HANO Section 3 Training Fund as prescribed in the chart listed below.

Training Requirements for Non-Construction Contracts

- HANO requires that all non-Construction contracts that meet or exceed (\$100,00.00) one hundred thousand dollars in total contract value include a detailed and well defined plan to provide paid internship or summer employment opportunities to Section 3 Residents in its priority order. An internship/summer employment program participant can only count for (1) one internship/summer employment slot per total contract amount. Those who do not offer a HANO approved paid internship or summer employment opportunity will contribute into the HANO Section 3 Training Fund as prescribed in the chart listed below.

* A Portion of All Funds Generated at A HANO Housing Site Will Remain At That Site for Resident Training Programs and Equipment

Total Contract Amount	Number of Section 3 Training / Internship Slots	Contribution to HANO Training Fund if Training or Internship Slots Are not Available
At least \$100,000, but less than \$500,000	1	6% of the Total Contract Value up to \$25,000
At least \$500,000, but less than \$1,000,000	2	5% of the Total Contract Value up to \$40,000
At least \$1,000,000, but less than \$2,000,000	3	4% of the Total Contract Value up to \$60,000
At least \$2,000,000, but less than \$4,000,000	4	3% of the Total Contract Value up to \$80,000
At least \$4,000,000, but less than \$7,000,000	10	2% of the Total Contract Value up to \$105,000
\$7,000,000 or more	1 additional training slot for every additional \$500,000.00	1.5% of that Total Contract Value, with no dollar limit

Part V – Contracting and Compliance Forms



Housing Authority of New Orleans (HANO)
Section-3 Targeted Worker Individual Income Verification Form

The following information will be used to verify your individual eligibility under the Section 3 Final Rule regulations as set forth in 24 CFR Part 75.

A Section 3 resident seeking the preference in training and employment provided by this part shall certify or submit evidence to HANO and/or recipient contractor/subcontractor, if requested, that the person is a Section 3 resident.

I, _____, residing at _____
(print name) (address)
_____ have a family size of _____ and my total
(city, state, zip code)

annual income for the prior calendar year (20__) was \$_____ as is evidenced by the attached documentation.

Proof of income and residency is a requirement for an individual to become Section-3 certified.

For proof of residency I have provided at least one of the following:

- Copy of lease
2-months of Utility Bills
Notarized statement from an individual with at least one of the above documents in their name attesting that the person seeking Sec-3 Certification is living at their residence
One of the acceptable proofs of income listed below that clearly indicates the applicant is a Orleans Parish resident
Valid State ID

For proof of income I have provided at least one of the following:

- Copy of receipt of public assistance
Copy of Evidence of participation in a public assistance program
Proof of income (Check stub, W-2, Tax forms, 1099, employer letter on letterhead, etc.)
Proof of Unemployed Status

I have voluntarily provided the above information in conjunction with employment on a HUD related project. I attest to the truthfulness of my statements fully understanding that this information is subject to verification by the appropriate federal agencies.

Signature _____ Date _____
Contact Phone: _____

Title 18, Section 1001 of the U.S. Code states that a person is guilty of a felony for knowingly and willingly making false or fraudulent statements to any department of the United States Government.
Willful falsification of any of the above statements may subject the contractor or subcontractor to civil or criminal prosecution. See Section 1001 of Title 18 and Section 231 of Title 31 of the U.S. Code.



Housing Authority of New Orleans (HANO) SECTION 3 REQUIREMENTS

Consistent with the requirements of Section 3 of the Housing and Urban Development Act of 1968, as amended (12 U.S.C. 1701u) and with the Housing Authority of New Orleans' (HANO) Board Resolution Number 93-05, HANO hereby reaffirms its commitment of ensuring that all contractors and any tier subcontractors that are awarded a contract in excess of \$100,000.00 by HANO for work generated through the expenditure of HUD funding shall take all necessary and reasonable steps to provide meaningful, full-time, permanent employment and training to Section 3 residents. It is further reaffirmed that all contractors and any tier subcontractors that are awarded a contract in excess of \$100,000.00 by HANO for work generated through the expenditure of HUD funding shall take all necessary and reasonable steps to provide business opportunities to Section 3 business concerns.

Definitions:

Low-Income Person:

An individual whose income does not exceed 80% of the median income for the area, as determined by the Secretary of the U.S. Housing and Urban Development.

Hours Worked Requirement:

- 1) 25% Section 3 Worker. Is a worker whose individual income is below the low-income limit of 80% AMI, or employed by a low income business concern or a worker who currently fits or when hired fit at least one of the Section 3 Worker and/or Resident categories.
- 2) 5% Targeted Section 3 Worker. Is a worker employed by a Section 3 business concern or a worker who currently fits or when hired fit at least one of the Section 3 Worker and/or Resident categories, as documented within the past 5 years

Section 3 Worker and/or Resident:

- 3) A resident of HANO housing site where the work is being done; or
- 4) A resident of any HANO housing site; or
- 5) A participant in HUD Youthbuild program in Orleans Parish; or
- 6) An income-eligible resident of public housing or Section 8 assisted housing managed by HANO and providing assistance to resident of Orleans Parish; or
- 7) 5% Labor Hours Benchmark included within the 25% requirement.

Statement of Numerical Goals and Order of Preference:

In accordance with Section 3, HANO requires that all contractors and any tier subcontractors shall, to the greatest extent feasible, provide training and employment opportunities to Section 3 residents to meet or exceed a numerical goal of 25% of all Section 3 Workers and 5% of Targeted Section 3 Workers for Hours Worked Requirement new hires in the following order of priority:

- | | |
|-------------|--|
| Priority 1: | A resident of HANO housing site where the work is being done |
| Priority 2: | A resident of any HANO housing site |
| Priority 3: | A participant in HUD Youthbuild program in Orleans Parish |
| Priority 4: | A Section 8 assisted resident of Orleans Parish |
| Priority 5: | 5% Labor Hours Benchmark included within the 25% requirement |



ORLEANS PARISH, LOUISIANA

SECTION 3 ANNUAL INDIVIDUAL INCOME LIMITS 2021

Limits DO NOT apply to residents of HANO development sites

Orleans Parish Median Income: \$70, 100

FY 2021 Income Limit Category	1	2	3	4	5	6	7	8
	Person	Person	Person	Person	Person	Person	Person	Person
<u>Low (80%) Income Limits</u>	\$39,300	\$44,900	\$50,500	\$56,100	\$60,600	\$65,100	\$69,600	\$74,100

Definition of Section 3 Resident:

- 1) A resident of HANO housing site where the work is being done; or
- 2) A resident of any HANO housing site; or
- 3) A participant in HUD Youthbuild program in Orleans Parish; or
- 4) An income-eligible resident of public housing or Section 8 assisted housing managed by HANO and providing assistance to low or very low-income resident of Orleans Parish; or.
- 5) 5% Labor Hours Benchmark included within the 25% requirement.

*Source – HUD FY 2020 Income Limits Documentations System, [FY 2021 Income Limits Documentation System -- Summary for Orleans Parish, Louisiana \(huduser.gov\)](https://www.huduser.gov/portal/section8/summary/orleans-parish-louisiana)



HOUSING AUTHORITY OF NEW ORLEANS

CONTRACTING ACTION PLAN FOR SECTION 3/DBE/WBE

(FINAL PLAN WILL BE INCORPORATED INTO CONTRACT, IF AWARDED.)

Provide a written Plan describing the process and steps that will be taken to ensure that the requirements relative to contracting with Section 3 businesses, Minority and Women Business Enterprises will be met. Include in the description what specific actions will be taken to ensure that subcontractors comply with the requirements. The description must outline specific steps to be taken and detail the program or strategy to be employed to achieve the requirements.

Provide an outline of the specific contracts that will be awarded to Section 3/DBE/WBE businesses, if known. Use additional sheets of paper, if necessary.

Lined area for writing the contracting action plan.

NOTE: This plan shall incorporate actions to be taken by the bidder's/offeror's proposed subcontractors/suppliers.

Name: _____ Title: _____ Date: _____



HOUSING AUTHORITY OF NEW ORLEANS

CONTRACTING SCHEDULE

Contracting Schedules that do not reflect a level of participation that meets or exceeds the stated requirements may cause the bid to be deemed non-responsive. Section 3, DBE, and WBE firms not certified by HANO shall not be included on this schedule and shall not be counted towards the participation requirements. Duplicate form if additional space is needed.

ITEM #	DESCRIPTION OF WORK TO BE PERFORMED	NAME AND ADDRESS OF COMPANY TO BE USED TO PERFORM THE WORK	TYPE OF WORK TO BE PERFORMED			TOTAL ESTIMATED AMOUNT OF WORK TO BE PERFORMED		
			LABOR	MATERIALS	BOTH	SECTION 3	DBE	WBE
EXAMPLE	PAINTING	John Doe Resident Owned Painter, Inc. New Orleans, LA			X	\$50,000		
1.								
2.								
3.								
4.								
5.								
6.								
7.								

Summary:

- 1) Total Amount to be Awarded to Section 3 Business Concern: \$ _____ Percentage of Total Contract Amount _____%
- 2) Total Amount to be Awarded to DBE: \$ _____ Percentage of Total Contract Amount _____%
- 2) Total Amount to be Awarded to WBE: \$ _____ Percentage of Total Contract Amount _____%

Name: _____ Title: _____ Date: _____



HOUSING AUTHORITY OF NEW ORLEANS

LETTER OF INTENT – Subcontractor Commitment Form

To: _____ IFB# _____
Name of Prime Contractor

The undersigned will enter into a signed agreement with the Prime Contractor listed above. Copies of agreements including, but not limited to joint ventures, subcontracts, supplier agreements or purchase orders referencing the IFB, RFP, RFQ, or Purchase Order Number shall be forwarded to HANO at:

Housing Authority of New Orleans
4100 Touro Street
New Orleans, Louisiana 70122
Attn: Section 3/DBE/WBE Coordinator

Name of Subcontractor _____

Description of Work to Be Performed by Subcontractor _____

Contract Value (inclusive of change orders) \$ _____

Term of Contract (include start and end dates) _____

Subcontractor Status (Section 3, DBE, WBE) _____

By: _____
Prime Contract Signature

Printed or Typed Name

Title: _____

Date: _____

If a corporate seal is not affixed, this document must be notarized. Provide Letter of Intent on Company Letterhead.

Subscribed and sworn to _____ (Notary Public)
before me this _____ day of _____, 20____ (Seal)

My Commission expires: _____

Date Executed: _____



HOUSING AUTHORITY OF NEW ORLEANS

STATEMENT OF UNDERSTANDING

IFB NO. _____

Under penalties of perjury, as prescribed in 18 U.S.C. 1001, the undersigned certifies that it:

- o Has prepared and submitted its bid/proposal to HANO with a full understanding of HANO's requirements with respect to employment, training, and contracting with Section 3 residents, Section 3 business concerns, Disadvantaged Business Enterprises (DBEs), and Women Business Enterprises (WBEs); and
- o Agrees to act in good faith to ensure that the specified requirements relative to employment, training, and contracting are met; and
- o The representations contained in the Section 3 Employment and Training Action Plan submitted with the bid/proposal are true and correct as of this date; and
- o Proposes to use the services of the Section 3 business concerns, DBEs, and WBEs listed in the Contracting Action Plan; and
- o Will not alter the level of employment, training, and contracting with Section 3 residents, Section 3 business concerns, DBEs, and WBEs identified in the Section 3 Employment and Training Schedule and in the Contracting Schedule without prior written notice to HANO; and
- o Agrees to provide regular compliance reports to HANO, at the intervals specified by HANO and in the format specified by HANO; and
- o Will monitor, ensure, and report subcontractor compliance with respect to HANO's employment and contracting requirements;
- o Will provide HANO with documentation in the format and timeframe requested by HANO, such as subcontractor certifications, employee income verifications, etc. to confirm eligibility of those employees, trainees, subcontractors claiming Section 3, DBE, and/or WBE status.

Bidder's/Offeror's Name

By: _____
Signature

Printed or Typed Name

Title: _____

Date: _____

If a corporate seal is not affixed, this document must be notarized.

Subscribed and sworn to _____ (Notary Public)
before me this _____ day of _____, 20____ (Seal)

My Commission expires: _____

Date Executed: _____

Monthly Reporting Forms for HANO's Employment, Training, and Contracting Policy

Instructions: Complete the attached forms and return them to HANO by close of business on the 1st business day of each month. All contractors and subcontractors with contracts valued at \$100,000.00 (One-hundred Thousand dollars) or more are subject to the requirements of HANO's Employment, Training, and Contracting policy, and must complete and return these forms to remain in compliance with their contract provisions. Each form captures a different vital piece of information to measure the contractor's progress towards attaining their ETC goals, and must be completed to the satisfaction of the Compliance Specialist before being accepted.

Form A (Section 3 Hires and Trainees): This report must include all new hires and trainees on boarded during the reporting period. Failure to include all new hires will result in the report being rejected by the Compliance Officer. This report must also include each Section 3 individual hired in the reporting period and list them by preference category:

- Priority 1: A low or very low-income resident of HANO housing site where the work is being done
- Priority 2: A low or very low-income resident of any HANO housing developments
- Priority 3: A participant in HUD Youthbuild program in Orleans Parish
- Priority 4: HANO Housing Choice Voucher Participant
- Priority 5: a) A Very low-income resident of Orleans Parish
b) A Low-income resident of Orleans Parish

Form B (Labor Utilization and Man-hours): List all Employees including Section 3 residents who have performed work in connection with this project to date. For each Section 3 employee, please attach a Section 3 Resident Certification form and Section 3 Income Verification Worksheet with supporting documentation. Section 3 employees without this information will NOT be counted towards your Section 3 requirements.

Form C (Employer Paid Training): Report all training paid for by the employer in the reporting period. This should include the attendee's name, training description, total cost, and all other relevant information.

Form D (Contracting Compliance): List ALL Section 3/DBE/WBE Contractors/Subcontractors and Suppliers utilized on this contract to date. Copies of all contracts/supplier agreements executed during this reporting period must be submitted with this report.

Additional Space: In the event that you should require additional space, please duplicate the appropriate form and indicate the total number of copies (Page x of x) on the form(s).

Contact Information: Please provide a point of contact for your company/organization in the event there should be questions or corrections required to your reporting:

Project Name:	<input type="text"/>	Project Number:	<input type="text"/>	Reporting Period:	<input type="text"/>
Name:	<input type="text"/>	Title:	<input type="text"/>	Company:	<input type="text"/>
Phone:	<input type="text"/>	Email:	<input type="text"/>	Signature:	<input type="text"/>



****Attach Section 3 Resident Certification Forms for each new hire reported.**



Section 3 Employment and Training Assessment

This Assessment is designed to capture potential Section 3 Certified candidates' employment interest, work experience and training information. Information will be forwarded to employers based upon the skills required for the open positions. Applicants will be considered for positions without regard to race, color, religion, sex national origin, age or marital status.

Personal Information

Name _____ Date _____

Address _____

City _____ State _____ Zip _____

Home Telephone _____ Alt. Telephone _____

Current Age _____ Date of Birth _____

Do you reside at a HANO affordable housing site? () YES () NO

If Yes, Which Site: _____ Name of Individual _____ Are you a HANO

Housing Choice Voucher Participant () YES () NO

If Yes, Name of Individual _____

Do you reside at a federally supported housing unit? () YES () NO

Are you a HUD Youth Build Participant? () YES () NO

Education

Highest Level of Education (Grade Completed) _____

High School Diploma _____ GED _____ Some College _____

College _____ List Degree _____ Year Completed _____

Name of last School Attend _____ City _____ State _____

Last Year Attended _____

Employment

1. Have you ever worked before? Yes _____ No _____

2. Are you currently working? Yes _____ No _____ Full Time _____ Part Time _____

3. Current Job Title _____ Hourly Rate _____

4. Have you ever completed an occupational skills training? If so, what, when and where.

5. Do you have an occupational skills credential/license? If so, what and expiration date.

6. Have you ever participated or completed work readiness training? If so, when.

7. Are there any problems or issues that may prevent you from working consistently? If so, explain.

8. What type of environment would you like to work in? ___ Indoors ___ Outdoors

9. What types of machinery/office equipment do you know how to operate?

Employment History

Name of Employer Address/ City/State	Dates of Employment Start/End	Job Title	Beginning Hourly Rate Ending Hourly Rate	Reason For Leaving

Transportation

1. Do you have a valid driver's license? Yes _____ No _____ State _____

2. Do you own a car or have access to reliable transportation to get to and from work?

Yes _____ No _____ If yes, make /model/year of car.

If no vehicle or license, what is your primary means of transportation? _____

References: DO NOT INCLUDE RELATIVES.

Name _____ Address _____

City _____ State _____ Zip Code _____

Telephone _____ Position/Relationship _____

Name _____ Address _____

City _____ State _____ Zip Code _____

Telephone _____ Position/Relationship _____

Name _____ Address _____

City _____ State _____ Zip Code _____

Telephone _____ Position/Relationship _____

Signature: _____ Date: _____

Print Name: _____

SKILLS ASSESSMENT

I. Place an (X) on the area(s) in which you have skills and list the number of years of experience.

Trade	# Of Years Experience	Trade	# Of Years Experience
<i>Carpentry</i>		<i>Drywall</i>	
Form Carpentry		Painting	
Cement Forms Finisher		Drywall Hanger	
Rough Frame Carpentry		Drywall Finisher	
Finish Carpentry			
Finish Interior Carpenter		<i>Flooring</i>	
Finish Exterior		Carpet Installation	
Door Installation		Tile Setting	
Window Installation		Wood Flooring Installation	
<i>Machine Operation</i>		<i>Misc. Items</i>	
Forklift		Appliance Installation	
Boom/lift		Fencing	
Bob Cat		Landscaping	
Back Hoe		Plumbing	
Excavator		Plumbing Fixture Install	
Sweeper		Janitorial	
		HVAC	
<i>Electrical</i>		Security	
Electrical (wiring)		General Labor	
Electrical (Connection)		Other 1	
Electrical (Fixture Install)		Other 2	
		Other 3	
<i>Concrete / Masonry</i>		Other 4	
Cement			
Steel Setter			
Business	# Of Years Experience	List any Other Field	# Of Years Experience
Administrative Assistant			
Accountant			
Architect			
Engineer			
Social Service			
File Clerk			
Legal Aid Assistant			
Receptionist			
Mail Clerks			
Clerical Assistant			
Customer Service Rep			
Project Assistant			

I. Please place an (X) by the area(s) in which you are interested in training.

<input type="checkbox"/>	Carpentry	<input type="checkbox"/>	Electrical	<input type="checkbox"/>	Painting
<input type="checkbox"/>	Carpet Installation	<input type="checkbox"/>	Cement / Masonry	<input type="checkbox"/>	Fencing
<input type="checkbox"/>	Drywall	<input type="checkbox"/>	Landscaping	<input type="checkbox"/>	Plumbing
<input type="checkbox"/>	Tile Setting	<input type="checkbox"/>	Wood Flooring installation	<input type="checkbox"/>	Iron Work
<input type="checkbox"/>	Machine Operation	<input type="checkbox"/>	HVAC	<input type="checkbox"/>	Appliance Installation
<input type="checkbox"/>	Bricklaying	<input type="checkbox"/>	Janitorial	<input type="checkbox"/>	General labor
<input type="checkbox"/>	Security	<input type="checkbox"/>	Window Installation	<input type="checkbox"/>	Door Installation
<input type="checkbox"/>	Fixtures Installation	<input type="checkbox"/>	Other	<input type="checkbox"/>	

<input type="checkbox"/>	HAZMAT	<input type="checkbox"/>	LIST OTHERS	<input type="checkbox"/>	
<input type="checkbox"/>	HAZWOPER	<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>	Truck Driving	<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>	OSHA	<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>	Pipe laying	<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>	Green Construction	<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

II. Comments

Attachment Q Statement of Bidder's Qualifications



**HOUSING AUTHORITY OF NEW ORLEANS
PROCUREMENT AND CONTRACTS DEPARTMENT**

INVITATION FOR BIDS #23-913-42

STATEMENT OF BIDDER'S QUALIFICATIONS

This form must be submitted with each bid or proposal. Each business of a joint venture must submit this form. Complete all blanks by entering the requested information or "NA" if it is not applicable to your business.

BUSINESS NAME:		
AVG. ANNUAL SALES (LAST 3 YEARS):	CURRENT NET WORTH:	DATE BUSINESS STARTED:
PARENT COMPANY (IF AFFILIATE):		PREVIOUS BUSINESS NAME:

OFFICERS, OWNERS, OR PARTNERS

NAME	OFFICIAL CAPACITY

PERSONS AUTHORIZED TO SIGN OFFERS AND CONTRACTS IN COMPANY NAME

NAME	OFFICIAL CAPACITY

BANK REFERENCE

BANK NAME:	ADDRESS:
CONTACT PERSON:	TELEPHONE NO.:

STATEMENT OF BIDDER'S QUALIFICATIONS (CONT.)**QUALITY ASSURANCE**

	YES	NO
A. Has the Bidder has successfully completed three similar projects within the past five years?		
B. Over the past five years, has the Bidder completed all of their projects within the contract time frame and budget?		
C. Over the past five years, has the Bidder ever been Terminated for Default by any public entity?		
D. Over the past five years, has the Bidder ever been issued a finding of non-compliance by HANO relative to DBE, WBE and Section 3 Employment and Contracting?		
E. Over the past five years, has the Bidder ever been issued a finding of non-compliance relative to Davis Bacon Wage Requirements?		

BUSINESS REFERENCES (Provide three existing or completed work activities by your business which are similar to or support your ability to successfully complete the scope of work.) Please attach additional pages if additional space is needed.

AGENCY/COMPANY NAME:	ACTIVITY:	DOLLAR AMOUNT:
DATE COMPLETED:	CONTACT PERSON:	TELEPHONE NO.:
AGENCY/COMPANY NAME:	ACTIVITY:	DOLLAR AMOUNT:
DATE COMPLETED:	CONTACT PERSON:	TELEPHONE NO.:
AGENCY/COMPANY NAME:	ACTIVITY:	DOLLAR AMOUNT:
DATE COMPLETED:	CONTACT PERSON:	TELEPHONE NO.:

The undersigned covenants and agrees to provide the Housing Authority of New Orleans current, complete, and accurate information regarding their business' status. The undersigned further agrees to permit examination of books, records, and files by authorized representatives of the Housing Authority of New Orleans or the U.S. Department of Housing and Urban Development. Any material misrepresentation may be grounds for terminating any contract which may be awarded and for initiating action under federal or state laws concerning false statements.

SIGNATURE OF PRINCIPAL:	PRINTED NAME OF PRINCIPAL:	DATE SIGNED:
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Attachment R

Corporate Resolution

(Bidder may use this form or
their own corporate resolution)



CORPORATE RESOLUTION

I, _____, the undersigned Secretary of _____ (The "Corporation") hereby certifies that: The Corporation is duly organized and existing under the laws of the State of _____ and the following is true, accurate and complete transcript of a resolution contained in the minute book of the Board of Directors of said Corporation duly held on the _____ day of _____, _____ at which meeting there was present and acting throughout a quorum authorized to transact business hereinafter described, and that the proceedings of said meeting were in accordance with the charter and by-laws of said Corporation and that said resolutions have not been amended or revoked and are in full force and effect:

Resolved, that _____ (name), _____ (title) of the Corporation, be and is hereby authorized and empowered to sign any and all documents on behalf of said Corporation, and to take such steps, and do such other acts and things, as in his or her judgment may be necessary, appropriate or desirable in connection with any proposal submitted to, or any contract entered into with the City of Austin: and,

Resolved, that any and all transactions by and of the officers or representatives of the Corporation, in its name and for its account, with the City of Austin prior to the adoption of these resolutions be, and they are hereby, ratified and approved for all purposes.

Witness my hand and seal of the Corporation this ____ day of _____, 202_.

Secretary-Treasurer

(Corporate Seal)