

Request for Proposals (RFP) For Construction Manager at Risk (CMAR) Services for: THE FALLS

Introduction

The Columbus Metropolitan Housing Authority (CMHA) is requesting proposals from Construction Management at Risk (CMAR) firms for the site development and construction of a new multi-family community located at 3355 Refugee Rd, Columbus, Ohio 43232.

CMHA anticipates awarding a contract for construction upon price and qualifications, based on the requested criteria within this RFP.

The Project

The Falls development will consist of ten three-story walk-up-style buildings, eight garage buildings, and a clubhouse, for a total of 220 units on 8.5 acres. Programming will consist of one, two, and threebedroom units, a clubhouse with a rental office, clubroom, fitness facility, and outdoor amenity space with pool. The exterior will include a combination of stone veneer and vinyl siding. The roof system will be dimensional shingles. Vinyl window systems are proposed.

General Information

When compiling proposals, GMP shall be based on the listed plan set **(EXHIBIT A)** and project Specifications are listed as **(EXHIBIT B)**. All respondents must sign drawing and specification index **(EXHIBIT C)**. Any significant modifications made to this design prior to the proposal due date will be added as addenda to this RFP. Receipt of all Addenda must be acknowledged within the proposal **(EXHIBIT E)**.

Anticipated Construction Budget: \$34,000,000 Anticipated Construction Duration: 18 months Assumed start date: November 2025. This project will be sales tax-exempt. This project will be subject to Davis-Bacon wage rates (residential rates) The construction contract will depend on the CMHA board approval. The CM will be responsible for paying for utilities prior to substantial completion.

Proposal Schedule

A Pre-submission meeting will be held on Wednesday, May 21, 2025, at 10:00 AM at CMHA headquarters located at 880 East 11th Avenue, Columbus, Ohio 43211

Final questions regarding this project are due no later than Monday, June 23, 2024, at 4:00 PM. Late submissions will not be accepted. Address questions to:

Mike Wagner <u>mwagner@cmhanet.com</u> Anup Janardhanan <u>anupj@moodynolan.com</u> Chris Belcastro cbelcastro@cmhanet.com

Deliver sealed proposals to 880 East 11th Ave, Columbus, Ohio 43211, no later than Wednesday, July 2, 2025, at 11:00 AM. Late submissions will not be accepted.

Attention: Michael Wagner, Vice President of Construction Chris Belcastro, Assistant Vice President of Construction

Award notifications will be announced by the close of business on Tuesday, July 22, 2025.

Proposal Format and Requirements

All Proposals shall utilize the attached Exhibits. Two hard copies and one electronic copy shall be submitted to CMHA in a sealed envelope.

Respondents are solely responsible for any costs incurred in preparing or submitting Proposals for the project.

When received, all responses, inquiries, or correspondence relating to this RFP will become the property of CMHA and shall be regarded as public record.

CMHA reserves the right to:

- Refuse any or all submittals received.
- Cancel or modify this RFP at any time.
- Request further documentation or information and discuss an RFP submittal to answer questions or provide clarification.

The submission package must be signed by an officer of the respondent who is legally authorized to enter a contractual relationship on behalf of the respondent.

Qualifications. All submission packages should be bound and tabbed by sections as follows:

- 1. Title Page
 - The Title Page shall include the Request for Proposal subject, the firm's name, address, telephone number, e-mail address of the contact person, and the date of the proposal.
- 2. Statement of Firm's Qualifications
 - Provide a brief history of the firm, its size, and the office location from which the work on this project will be performed.
 - Provide information about the firm's experience working with affordable housing.
 - Provide EMR score relating to job site safety.

- 3. Project team and staff experience
 - Identify the principal supervisory and management staff, including partners, managers, other supervisors, and specialists, who would be assigned to the project.
 - Provide information on the experience of each person and longevity with the firm.
- 4. Relevant Experience
 - List the most comparable projects (maximum of 4) performed in the last five (5) years, as described in this RFP.
 - Indicate the original budget versus final contract amount, and project duration versus time to completion.
 - Indicate the name and telephone number of the principal client contact.
- 5. Specific Project Approach and Schedule

The proposal shall set forth a work plan that describes how you propose accomplishing the tasks outlined in the scope of services. The work plan should address at a minimum:

- A quality management plan would be proposed to be incorporated.
- Project management methods, including staffing
- Project progress reporting to the owner
- Project schedule management and approach
- 6. Arbitration, Mediation and Litigation History
 - List any claims, disputes ending in mediation, arbitration, or litigation associated with any project (initiated either by your company or against your company) in the past five (5) years that has not been settled/adjudicated in your favor.
 - State whether your firm has been terminated for cause on any project within the past ten (10) years and, if so, attach a description of each instance.

GMP proposal. Shall be sealed in a separate envelope and labeled GMP Proposal within the sealed submission.

The CMAR will assume responsibility for the project site and all construction costs by issuing a guaranteed maximum price (GMP) based on the CSI 32 division format. As a part of the firm's GMP proposal, the CM will also submit:

- Percentage cost for CM fees.
- Percentage cost for general conditions.
- Percentage cost for contractor construction contingency.
- Clarifications and assumptions list.
- Cost of builder's risk policy
- Overall project schedule.
- Site logistics plan.
- Phasing plan (CMHA intends to bring the clubhouse and a portion of the residential buildings online ASAP).

- Safety plan.
- Training and closeout plan.

Selection Process

- 1. The Selection Committee will review all proposals received in accordance with the following criteria:
 - Fees (Objective) 50 points.
 - Firm Qualifications (Subjective) 10 points
 - Staffing experience (Subjective) 10 points.
 - Similar project experience (Subjective) 20 points.
 - Project approach (Subjective) 5 points
 - Arbitration and mediation (Subjective) 5 points
- 2. The Selection Committee reserves the right to interview all qualified firms.
- 3. The Selection Committee will recommend contract negotiations with the highest-ranked firm. If negotiations are unsuccessful, CMHA will negotiate with the second-ranked proposer, and so on.

Owner/Construction Manager at Risk Agreement

The Construction Manager at Risk (CMAR) will be under contract to execute construction services under the **Consensus Docs 500 agreement** to complete the project and place the Owner in occupancy of the project in a "turnkey" fashion. The Owner has contracted with the Architect separately from the CMAR. The CMAR shall hold all trade contracts and trade supplier contracts.

Minority Business Enterprises (MBE) Participation

Columbus Metropolitan Housing Authority is committed to ensuring economic opportunities for minority business enterprises (MBEs). For guidance related to MBE, refer to **Exhibit C**.

List of Exhibits

EXHIBIT A Plan set dated 5/01/2025

EXHIBIT B Specifications dated 5/01/2025

EXHIBIT C Drawing Index & Specifications Table of Contents (signature required)

EXHIBIT D Minority Business Enterprise (MBE)

<u>EXHIBIT E</u> Addenda acknowledgement form

THE FALLS ON REFUGEE ROAD - SHEET INDEX			
SHEET NUMBER	TITLE		
GENERAL			
G000	COVER SHEET		
G001	DRAWING INDEX		
G010	CODE DATA - BUILDING A-C		
G010D	CODE DATA - CLUBHOUSE		
G010G	CODE DATA & LIFE SAFETY - GARAGES		
G011	CODE SITE PLAN		
G020	RATED ASSEMBLIES		
G021	RATED ASSEMBLIES		
G022	RATED ASSEMBLIES		
G023	RATED ASSEMBLIES		
G024	RATED ASSEMBLIES		
G030	FRAMING DETAILS		
G031	FRAMING DETAILS		
G100A	BUILDING A - LIFE SAFETY		
G100B	BUILDING B - LIFE SAFETY		
G100C	BUILDING C - LIFE SAFETY		
G100D	CLUBHOUSE - LIFE SAFETY		
G200	BUILDING ASSEMBLIES SCHEDULE		
G300A	BUILDING A - GROSS SQUARE FOOTAGE		
G300B	BUILDING B - GROSS SQUARE FOOTAGE		
G300C	BUILDING C - GROSS SQUARE FOOTAGE		
G300D	CLUBHOUSE - GROSS SQUARE FOOTAGE		
G300G	GARAGE G1 & G2 - AREA PLANS		
G400A	BUILDING A - GROSS AREA		
G400B	BUILDING B - GROSS AREA		
G400C	BUILDING C - GROSS AREA		
G400D	CLUBHOUSE - GROSS AREA		
G500A	BUILDING A - AREA PLANS - NET		
G500B	BUILDING B - AREA PLANS - NET		
G500C	BUILDING C - AREA PLANS - NET		
G500D	CLUBHOUSE - AREA PLANS - NET		
GENERAL: 31			
CIVIL			
C101	OVERALL STALKING PLAN		
C102	STALKING PLAN		
C103	STALKING PLAN		
C104	STALKING PLAN		
C105	STALKING PLAN		
C106	STALKING PLAN		

C107	STALKING PLAN	
C108	STALKING PLAN	
C201	TITLE SHEET	
C202	GENERAL NOTES	
C203	GENERAL NOTES	
C204	OVERALL STORM SEWER & GRADING PLAN	
C205	STORM SEWER & GRADING PLAN	
C206	STORM SEWER & GRADING PLAN	
C207	STORM SEWER & GRADING PLAN	
C208	STORM SEWER & GRADING PLAN	
C209	STORM SEWER & GRADING PLAN	
C210	STORM SEWER DETAILS	
C210	STORM SEWER DETAILS	
C211	STORM SEWER DETAILS	
C212	STORM SEWER DETAILS	
	STORM SEWER PROFILES	
C214	STORM SEWER PROFILES	
C215	STORM SEWER PROFILES	
C216		
C217	OVERALL EROSION AND SEDIMENT CONTROL PLAN	
C218	EROSION AND SEDIMENT CONTROL PLAN	
C219	EROSION AND SEDIMENT CONTROL PLAN	
C220	EROSION AND SEDIMENT CONTROL PLAN	
C221	EROSION AND SEDIMENT CONTROL PLAN	
C222	EROSION AND SEDIMENT CONTROL PLAN	
C223	EROSION AND SEDIMENT CONTROL DETAILS	
C224	EROSION AND SEDIMENT CONTROL DETAILS	
C225		
C301	TITLE SHEET	
C302	SANITARY PLAN	
C303	SANITARY PLAN	
C304	SANITARY PLAN	
C305	SANITARY PLAN	
C306	SANITARY PLAN	
C307	SANITARY PLAN	
C401	OVERALL UTILITY PLAN	
C402	WATER SERVICE PLAN	
C403	WATER SERVICE PLAN	
C404	WATER SERVICE PLAN	
C405	WATER SERVICE PLAN	
C406	WATER SERVICE PLAN	
C407	WATER SERVICE PLAN	
C408	WATER SERVICE PLAN	
C409	WATER SERVICE PLAN	
C410	WATER SERVICE PLAN	

C411	UTILITY NOTES & DETAILS		
C412	UTILITY DETAILS		
CIVIL: 52			
LANDSCAPE			
L1.01	LANDSCAPE PLAN - OVERALL SITE		
L1.02	LANDSCAPE PLAN - NORTH		
L1.03	LANDSCAPE PLAN - SOUTH		
L1.04	LANDSCAPE DETAILS		
L1.05	SITE DETAILS		
LANDSCAPE: 5			
STRUCTURAL			
S001	GENERAL STRUCTURE INFORMATION		
S002	TYPICAL DETAILS		
S101-A	FOUNDATION PLAN AND 2ND FLOOR FRAMING PLAN- BLDG. A		
S102-A	3RD FLOOR AND ROOF FRAMING PLAN- BLDG. A		
S103-B	FOUNDATION PLAN AND 2ND FLOOR FRAMING PLAN- BLDG. B		
S104-B	3RD FLOOR AND ROOF FRAMING PLAN- BLDG. B		
S105-C	FOUNDATION PLAN AND 2ND FLOOR FRAMING PLAN- BLDG. C		
S106-C	3RD FLOOR AND ROOF FRAMING PLAN- BLDG. C		
S107-D	FOUNDATION PLAN AND 2ND FLOOR FRAMING PLAN- BLDG. D		
S108-D	ROOF FRAMING PLAN- BLDG. D		
S109-G	FOUNDATION AND ROOF FRAMING PLAN - GARAGE		
S200	SHEAR WALL SCHEDULE AND DETAILS		
S300	FOUNDATION DETAILS		
S310	FRAMING DETAILS		
S320	FRAMING DETAILS		
STRUCTURAL: 15			
ARCHITECTURAL			
A101A	BUILDING A - LEVEL 01 & 02 FLOOR PLANS		
A102A	BUILDING A - LEVEL 03 / ROOF PLAN		
A103B	BUILDING B - LEVEL 01 & 02 FLOOR PLANS		
A104B	BUILDING B - LEVEL 03 & ROOF PLANS		
A105C	BUILDING C - LEVEL 01		
A106D	BUILDING D - FLOOR & ROOF PLANS		
A110G	GARAGE BUILDING G1 & TYP. DETAILS		
A111G	GARAGE BUILDING G2		
A201A	BUILDING A - LEVEL 01 & 02 RCP		
A202A	BUILDING A - LEVEL 03 RCP		
A203B	BUILDING B - LEVEL 01 & 02 RCP		
A204B	BUILDING B - LEVEL 03 RCP		
A205C	BUILDING C - LEVEL 01		

A206D	BUILDING D - LEVEL 01 & 02 RCP		
A301	AXONOMETRIC BLDG VIEWS		
A310A	BUILDING A - EXTERIOR ELEVATIONS		
A310B	BUILDING B - EXTERIOR ELEVATIONS		
A310C	BUILDING C - EXTERIOR ELEVATIONS		
A310D	BUILDING D - EXTERIOR ELEVATIONS		
A401A	BUILDING A - SECTIONS		
A402B	BUILDING B - SECTIONS		
A403C	BUILDING C - SECTIONS		
A404D	BUILDING D - SECTIONS		
A420	WALL SECTIONS - BUILDING A THRU C		
A421	WALL SECTIONS - BUILDING A - C & D		
A422	WALL SECTIONS - CLUBHOUSE		
A440	EXTERIOR DETAILS - SECTION		
A441	EXTERIOR DETAILS - SECTION		
A442	EXTERIOR DETAILS		
A443	EXTERIOR DETAILS		
A460	ROOF DETAILS		
A500	MOUNTING HEIGHTS		
A501	ENLARGED UNIT PLANS - 1 BED		
A502	ENLARGED UNIT PLANS - 2 BED		
A503	ENLARGED UNIT PLANS - 2 BED 2 BA		
A504	ENLARGED UNIT PLANS - 3 BED		
A505	ENLARGED UNIT PLANS - 1 BED ANSI TYPE A		
A506	ENLARGED UNIT PLANS - 2 BED ANSI TYPE A		
A507	ENLARGED UNIT PLANS - 3 BED ANSI TYPE A		
A508	ENLARGED UNIT PLANS - CLUBHOUSE		
A509	ENLARGED UNIT PLANS - CLUBHOUSE		
A512	ENLARGED PLANS		
A521	UNIT DETAILS		
A522	UNIT DETAILS		
A601	BUILDING A-C MAIN STAIR PLANS AND SECTIONS		
A602	BUILDING B EGRESS STAIR PLANS AND SECTIONS		
A603	CLUBHOUSE STAIR PLANS AND SECTIONS		
A610	STAIR & RAILING DETAILS		
A700	DOOR & WINDOW SCHEDULES		
A710	DOOR DETAILS		
A800A	FINISH SCHEDULE/LEGEND		
A800B	ROOM FINISH SCHEDULE/LEGEND		
A801D	BUILDING D - INTERIOR 3D VIEWS		
A900D	CLUBHOUSE - FINISH PLAN - OVERALL		
A931	SIGNAGE SCHEDULE		
ARCHITECTURAL: 55			

FIRE PROTECTION			
FP101-A	BUILDING A - LEVEL 01 & 02 FIREPROTECTION PLANS		
FP102-A	BUILDING A - LEVEL 03 & ROOF FIREPROTECTION PLANS		
FP103-B	BUILDING B - LEVEL 01 & 02 FIRE PROTECTION PLANS		
FP104-B	BUILDING B - LEVEL 01 & 02 FIRE PROTECTION PLANS		
FP105-C	BUILDING B - LEVEL 03 & ROOF FIRE PROTECTION PLANS BUILDING C - LEVEL 01 & 02 FIRE PROTECTION PLANS		
FP106-D	BUILDING D - LEVEL 01 & 02 FIRE PROTECTION PLANS		
FP201	FIRE PROTECTION - ENLARGED PLAN AND DETAILS		
FP301	FIRE PROTECTION - NOTES		
FIRE PROTECTION: 8			
PLUMBING			
P100	PLUMBING SITE PLAN		
P101-A	BUILDING A LEVEL 01 & 02 PLUMBING PLANS		
P102-A	BUILDING A LEVEL 03 & ATTIC PLUMBING PLANS		
Р103-В	BUILDING B - LEVEL 01 & 02 PLUMBING PLANS		
P104-B	BUILDING B - LEVEL 03 & ROOF PLUMBING PLANS		
P105-C	BUILDING C - PLUMBING PLANS		
P106-D	BUILDING D - LEVEL 01 & 02 PLUMBING PLANS		
P200	ENLARGED UNIT - PLUMBING PLANS		
P201	ENLARGED UNIT - PLUMBING PLANS		
P202	ENLARGED UNIT - PLUMBING PLANS		
P301	NOTES		
P401	PLUMBING DETAILS		
P402	PLUMBING DETAILS		
PLUMBING: 13			
MECHANICAL			
H100	HVAC SITE PLAN		
H101-A	BUILDING A LEVEL 01 & 02 HVAC PLANS		
H102-A	BUILDING A - LEVEL03 & ROOF HVAC PLANS		
H103-B	BUILDING B LEVEL 01 & 02 HVAC PLANS		
H104-B	BUILDING B LEVEL 03 & ROOF HVAC PLANS		
H105-C	BUILDING C LEVEL 01 & 02 HVAC PLANS		
H106-C	BUILDING C LEVEL 03 & ROOF HVAC PLANS		
H107-D	BUILDING D LEVEL 01 & 02 HVAC PLANS		
H108-D	BUILDING D - ROOF HVAC PLANS		
H-200	ENLARGED UNITS - HVAC PLANS		
H-201	ENLARGED UNITS - HVAC PLANS		
H-300	HVAC SCHEDULES		
H-301	HVAC DETAILS		
MECHANICAL: 13			

ELECTRICAL			
E100	ELECTRICAL SITE PLAN		
E101	ELECTRICAL CLUBHOUSE PLAN		
E101-A	BUILDING A LEVEL 01 & 02 ELECTRICAL PLANS		
E102-A	BUILDING A - LEVEL03 & ROOF ELECTRICAL PLANS		
E103-B	BUILDING B LEVEL 01 & 02 ELECTRICAL PLANS		
E104-B	BUILDING B LEVEL 03 & ROOF ELECTRICAL PLANS		
E105-C	BUILDING C LEVEL 01 & 02 ELECTRICAL PLANS		
E106-C	BUILDING C LEVEL 03 & ROOF ELECTRICAL PLANS		
E107-D	BUILDING D - LEVEL 01 & 02 ELECTRICAL PLANS		
E109	GARAGE BUILDING - ELECTRICAL PLAN		
E202	ENLARGED UNITS ELECTRICAL PLANS		
E401	ELECTRICAL DETAILS		
E-200	ENLARGED UNITS ELECTRICAL PLANS		
E-201	ENLARGED UNITS ELECTRICAL PLANS		
E-300	ELECTRICAL ONE-LINE DIAGRAMS		
E-301	ELECTRICAL ONE-LINE DIAGRAMS		
E-302	ELECTRICAL PANEL SCHEDULES & APARTMENT LOAD TABULATIONS		
E-400	ELECTRICAL DETAILS		
ELECTRICAL: 18			
POOL			
PL-1	POOL DECK PLAN		
PL-2	POOL CONSTRUCTION DETAILS		
PL-3	POOL EXTERIOR PIPING PLAN & COMPONENT DETAILS		
PL-4	POOL EQUIPMENT ROOM PLAN & EQUIPMENT DETAILS		
POOL: 4			
GRAND TOTAL : 213			

TABLE OF CONTENTS

00 00 01 Cover Sheet

00 01 10 Table of Contents

DIVISION 00 – PROCUREMENT and CONTRACTING REQUIREMENTS

DIVISION 01 - GENERAL REQUIREMENTS

- 01 12 16 Work Sequence
- 01 21 13 Allowances
- 01 23 00 Alternates
- 01 25 00 Substitution Procedures
- 01 25 01 Substitution Request Form
- 01 29 00 Payment Procedures
- 01 31 00 Project Management and Coordination
- 01 31 19 Project Meetings
- 01 32 16 Construction Schedules
- 01 33 23 Shop Drawings, Product Data and Samples
- 01 34 00 Submittal Review Cover
- 01 40 00 Quality Requirements
- 01 45 00 Quality Control
- 01 45 33 Special Inspections and Structural Tests
- 01 60 00 Product Requirements
- 01 64 00 Owner-Furnished Products
- 01 71 23 Field Engineering
- 01 73 00 Execution Requirements
- 01 73 29 Cutting and Patching
- 01 74 00 Cleaning
- 01 74 19 Construction Waste Management and Disposal
- 01 77 00 Project Close-Out
- 01 78 23 Operating and Maintenance
- 01 78 39 Project Record Documents

DIVISION 02 – EXISTING CONDITIONS

02 32 00 Geotechnical Investigations

DIVISION 03 - CONCRETE

- 03 30 00 Cast-in-Place Concrete
- 03 35 30 Concrete Cleaning and Sealing

DIVISION 04 – MASONRY

- 04 00 00 Masonry
- 04 72 00 Cast Stone
- 04 73 10 Manufactured Stone Veneer

CMHA Refugee Rd Housing Development Columbus, OH

04 73 13 Calcium Silicate Manufactured Stone

DIVISION 05 - METALS

05 12 00	Structural Steel
05 50 00	Metal Fabrications

DIVISION 06 – WOOD, PLASTICS and COMPOSITES

- 06 10 00 Rough Carpentry
- 06 16 00 Sheathing
- 06 17 13 Laminated Veneer Lumber
- 06 17 33 Wood I-Joists
- 06 17 53 Shop-Fabricated Wood Trusses
- 06 18 00 Glue-Laminated Construction
- 06 20 00 Finish Carpentry
- 06 40 00 Architectural Woodwork
- 06 61 00 Cast Polymer Fabrications
- 06 65 00 Simulated Wood Trim
- 06 73 00 Composite Decking

DIVISION 07 - THERMAL & MOISTURE PROTECTION

- 07 10 00.13 Waterproofing
- 07 13 26 Self-Adhered Waterproofing
- 07 21 00 Thermal Insulation
- 07 26 13 Above-Grade Vapor Retarders
- 07 26 16 Below-Grade Vapor Retarders
- 07 27 19 Plastic Sheet Air Barriers
- 07 27 26 Fluid-Applied Membrane Air Barriers
- 07 27 27 Self Adhered Sheet Air Barriers
- 07 31 13 Roofing Shingles
- 07 46 33 Vinyl Siding
- 07 46 46 Mineral-Fiber Cement Siding
- 07 54 23 Thermoplastic Polyolefin Roofing
- 07 62 00 Sheet Metal Flashing and Trim
- 07 84 00 Firestopping
- 07 92 00 Joint Sealants

DIVISION 08 - DOORS & WINDOWS

- 08 11 13 Hollow Metal Doors and Frames
- 08 14 00 Wood Doors
- 08 31 13 Access Doors
- 08 41 13 Aluminum-Framed Entrances and Storefronts
- 08 53 13 Vinyl Windows and Patio Doors
- 08 71 10 Door Hardware
- 08 81 00 Glass and Glazing
- 08 83 00 Mirrors
- 08 91 19 Fixed Louvers

DIVISION 09 - FINISHES

- 09 29 00 Gypsum Wallboard
- 09 30 00 Tile
- 09 65 00 Resilient Flooring
- 09 68 00 Carpeting
- 09 91 00 Painting

DIVISION 10 - SPECIALTIES

- 10 14 11 Restroom Signage
- 10 14 19 Dimensional Letter Signage
- 10 26 00 Wall Protection
- 10 28 13 Toilet Accessories
- 10 44 00 Fire Extinguishers and Cabinets
- 10 55 23 Mailboxes

DIVISION 11 - EQUIPMENT

- 11 31 00 Residential Appliances
- 11 52 23 Television Mounting Brackets

DIVISION 12 - FURNISHINGS

- 12 21 23 Horizontal Louver Blinds Cordless
- 12 33 55 Manufactured Plastic Laminate Clad Casework
- 12 36 40 Stone Countertops
- 12 36 61 Solid Surface Countertops
- 12 48 13 Entrance Mats
- 12 56 51 Furniture, Furnishings and Accessories
- 12 93 00 Site Furnishings

DIVISION 13 - SPECIAL CONSTRUCTION - (not used)

DIVISION 14 - CONVEYING EQUIPMENT - (not used)

DIVISION 21 – FIRE SUPPRESSION

- 21 01 00 General
- 21 05 10 Fire Stopping
- 21 05 18 Inserts Pipe Hangers Supports
- 21 05 20 Cutting Patching
- 21 05 30 Tests Adjustments
- 21 05 60 Manufacturers Drawings
- 21 13 13 Fire Protection Piping System Wet

DIVISION 22 – PLUMBING

22 00 00 Plumbing General

CMHA Refugee Rd Housing Development Columbus, OH

- 22 01 05 Plumbing General Provisions
- 22 05 10 Manufacturer's Drawings
- 22 05 13 Electrical Work
- 22 05 16 Sleeves and Collars
- 22 05 17 Firestopping
- 22 05 19 Piping Specialties
- 22 05 20 Painting
- 22 05 21 Cutting and Patching
- 22 05 22 Foundations and Supports
- 22 05 23 Valves
- 22 05 29 Inserts, Pipe Hangers, and Supports
- 22 05 30 Installation of Piping
- 22 05 53 Tagging and Coding
- 22 05 54 Equipment Identification
- 22 05 93 Tests and Adjustments
- 22 05 94 Protection and Cleaning
- 22 05 95 Flushing and Sterilizing
- 22 05 97 Remodeling
- 22 05 98 Plumbing Demolition
- 22 07 00 Plumbing Insulation
- 22 11 16 Domestic Water Piping Systems
- 22 13 16 Building Soil Waste Vent Piping System
- 22 33 36 Electric Water Heaters
- 22 34 36 Gas Domestic Water Heaters
- 22 34 37 Flues
- 22 42 00 Plumbing Fixtures
- 22 63 13 Gas House Lines
- 23 01 05 HVAC General

DIVISION 23 – HVAC

- 23 01 10 Manufacturer's Drawings
- 23 05 13 Electrical Work
- 23 05 16 Sleeves and Collars
- 23 05 17 Firestopping
- 23 05 20 Painting
- 23 05 21 Cutting and Patching
- 23 05 22 Foundations and Supports
- 23 05 29 Inserts, Pipe Hangers & Supports
- 23 05 30 Installation of Piping
- 23 05 54 Equipment Identification
- 23 05 93 Tests & Adjustments
- 23 05 94 Protection & Cleaning
- 23 05 96 Substitutions
- 23 07 00 HVAC Insulation
- 23 21 13.33 Condensation Drain & Drain Piping Systems
- 23 23 00 Refrigerant Piping System
- 23 31 13.13 Low Pressure Ductwork
- 23 33 13 Dampers
- 23 34 17 Inline Cabinet Exhaust Fans

- 23 34 20 Bathroom Exhaust Fans
- 23 37 00 Registers, Grilles & Diffusers
- 23 37 23 Louvers
- 23 82 39.13 Cabinet Unit Heaters
- 23 82 46 Electric Duct Heater
- 23 90 10 HVAC Alternates
- 23 99 00 HVAC Commissioning

DIVISION 26 – ELECTRICAL

- 26 00 15 Work Included
- 26 00 20 Codes and Fees
- 26 00 25 Tests and Inspections
- 26 01 20 Operation and Maintenance Manuals
- 26 05 19 Wire and Cable
- 26 05 23 Motor and Equipment Wiring
- 26 05 26 Grounding
- 26 05 33 Conduits
- 26 05 34 Boxes and Plates
- 26 05 43 Underground Electrical Service
- 26 05 53 Identification
- 26 09 23 Lighting Control Equipment
- 26 24 00 Surge Protective Devices
- 26 24 14 Panelboards
- 26 24 16 Load Centers
- 26 27 13 Meter Centers
- 26 27 26 Wiring Devices
- 26 28 13 Fuses
- 26 28 16 Disconnects
- 26 29 13 Motor Starters and Controls
- 26 51 13 Lighting Fixtures

DIVISION 27 – COMMUNICATION

27 05 28 Pathways for Communications Systems

DIVISION 28 – SAFETY and SECURITY

- 28 26 00 Emergency Responder Radio System
- 28 31 00 Fire Alarm System

DIVISION 31 – EARTHWORK

- 31 00 00 Earthwork
- 31 10 00 Site Clearing
- 31 23 33 Piped Utilities-Basic Methods
- 31 25 00 Erosion and Sediment Control

DIVISION 32 – EXTERIOR IMPROVEMENTS

- 32 12 00 Flexible Pavement
- 32 13 00 Rigid Pavement
- 32 92 00 Turf & Grasses
- 32 93 00 Plants

DIVISION 33 – UTILITIES

- 33 11 00 Water Distribution
- 33 30 00 Sanitary Sewerage
- 33 40 00 Storm Drainage

Drawing and Specification Index Acknowledgment

irm Signature
rint:
ign:
itle:
ate:

MBE and FBE Business Utilization

CMHA projects have a combined minority business enterprise (MBE) and female business enterprise (FBE) participation goal of 20 percent (contractors and/or suppliers). Contract award recipients are required to adhere and actively work to achieve the goal throughout the life of the project.

Bidders will be required to demonstrate efforts to achieve the MBE and FBE participation goal by submitting documentation of outreach and engagement efforts. Failure to submit required documentation may constitute a non-responsive bid.

The business utilization requirements apply to contractors, subcontractors, and all contractors engaged on the project regardless of tier status.

Contractors should be certified as a minority business enterprise or women-owned business enterprise by one of the following CMHA approved certifying agencies to receive credit toward the MBE/FBE goal:

- The City of Columbus, Office of Diversity & Inclusion
- The Ohio Department of Development
- Ohio Minority Supplier Development Council

Proof of certification is required.

Monthly Reporting

All contract award recipients will be required to submit monthly reports documenting performance toward meeting the MBE and FBE participation goals. Reports, instruction details, and due dates are provided during the project's pre-construction meeting. Failure to comply with the reporting requirements may result in a delay of contract draw payments.

EXHIBIT E

Addendum Acknowledgement

Number	Date	Number	Date

Firm Signature

Print:_	
Sign: _	
Title: _	
Date:	