



THE OHIO STATE UNIVERSITY

Facilities Operations and Development

February 11, 2019



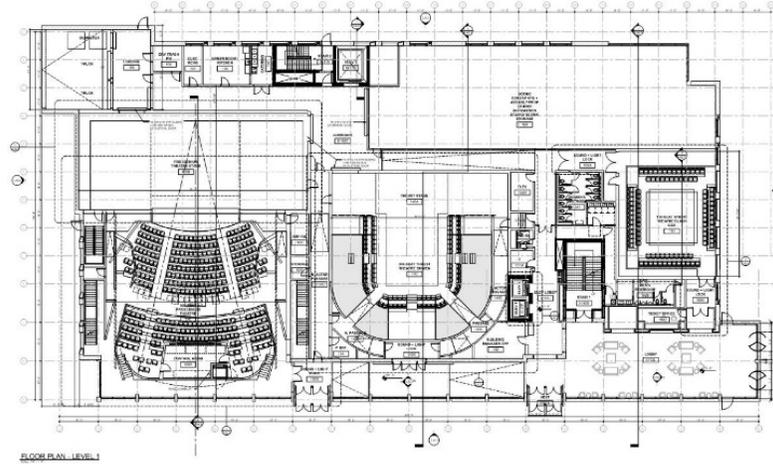
Time & Change: Building the Future

- Arts District
- Interdisciplinary Health Sciences Center
- Interdisciplinary Research Building
- Health Sciences Faculty Offices and Optometry Clinic
- WMC Inpatient Tower
- Regional Ambulatory



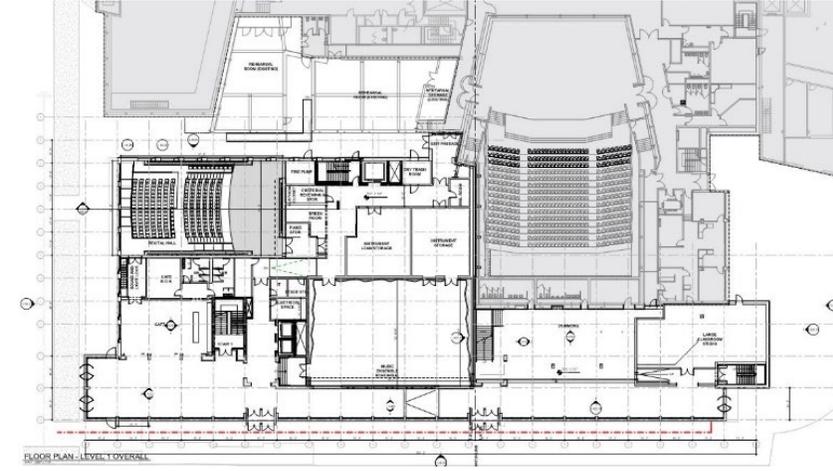
WHO TO CONTACT
osuoutreach@holder.com





Department of Theater

- +/- 103,000 GSF
- 4 Stories
- Performance, Rehearsal & Teaching Space



School of Music

- +/- 83,000 GSF
- 4 Stories
- Performance, Rehearsal & Teaching Space

PROJECT OVERVIEW

JUNE 2019
break ground

Q2 2021
substantial
completion



TRADE PACKAGES

- Paint
 - Carpet/Tile
 - Waterproofing
 - Masonry
 - Signage
 - Fencing
 - Fireproofing
 - Concrete
 - Millwork
 - Drywall/ACT
 - General Trades
 - Demolition
 - Sitework
 - Glass
 - Landscape / Hardscape
 - Roofing
 - Metal Panels
 - Fire Protection
 - Specialties
 - Window Coverings
 - Doors
 - Security
 - Audio/Visual
 - Equipment
 - Overhead Doors
 - Theatrical Systems
- 



Trade Outreach

Prequalification

Bid

Bid Review

Award

PROCUREMENT PROCESS

Document Release Dates:

April 2019 – 70% Enabling Package

May 2019 – 85% Construction Documents

July 2019 – 100% Construction Documents



PROCUREMENT PROCESS

Basis of Evaluation

- **Competitive Pricing**
- **Contract Compliance**
- **Completion of “Scope Checklist”**
- **Plan to Execute the Work**
- **EDGE Participation Plan**
- **Project Team**
- **Schedule**
- **Unit Prices**



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Interdisciplinary Research Facility



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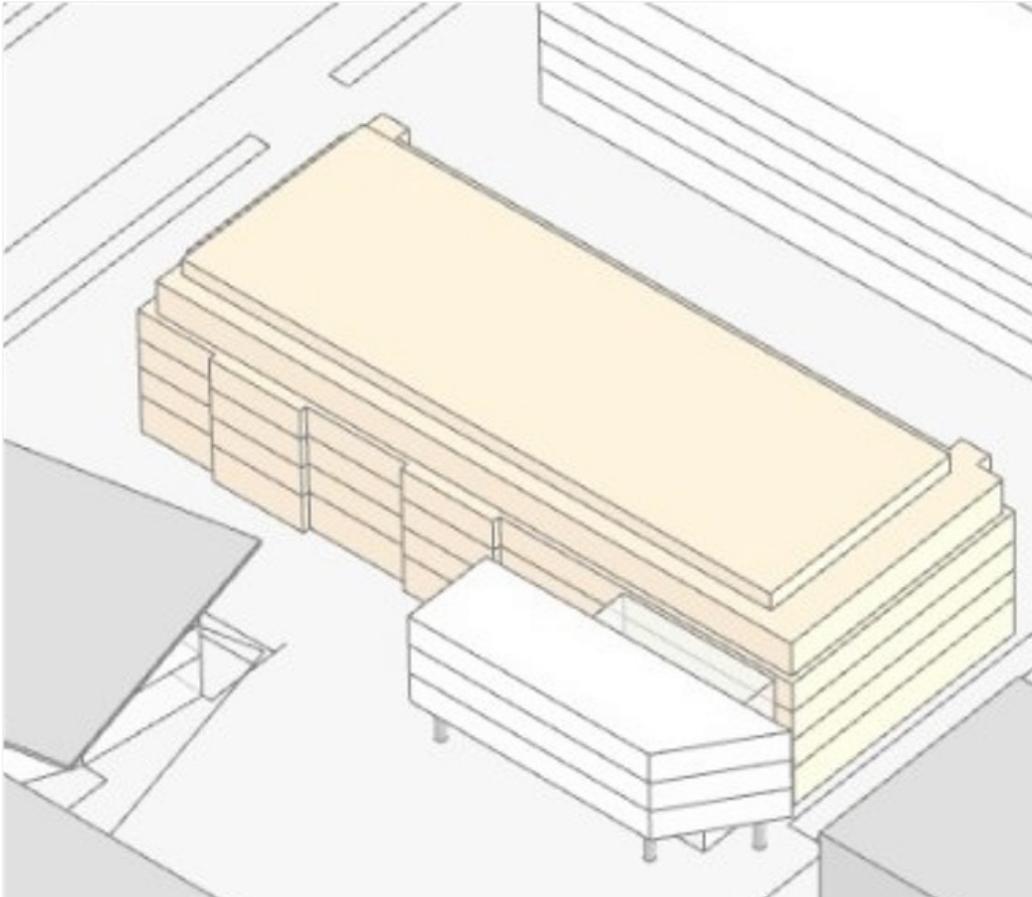
INTERDISCIPLINARY RESEARCH FACILITY

- **270,000 GBSF**
 - Four Floors with Basement & Penthouse (single bar)
 - Concrete Frame
 - Brick and Glass Façade
- **Vivarium**
 - 23,000 SF – Housing rodent and zebra fish research (basement)
- **Core Lab**
 - 8,000 SF (basement)
- **Experimental Research**
 - 135,000 SF – 100 wet labs in 10 PI's (Floors 1 thru 4)
- **Computational Research**
 - 28,400 SF – Accommodating 30 PI's (floors 1 thru 4)
- **Office / Collaborative Space**
 - 16,000 SF Admin / Collaborative Space
- **Support Spaces**
 - 72,000 SF (loading dock, support & MEP Penthouse)





INTERDISCIPLINARY RESEARCH FACILITY



BID PACKAGES

Surveying	Exterior Windows
Trailers	Aluminum Storefront Entrances
Portable Restrooms	Exterior CFS & Sheathing
Dumpsters	Elevators
Material Hoist	Fire Protection
Temporary Trash Chutes	Millwork and Moldings
Earthwork / Site Utilities	Cabinetry, Casework, Countertops
Asphalt Paving	Doors, Frames, & Hardware
Site Concrete	Overhead Rolling Doors / Grilles
Landscaping	Interior Partitions
Concrete	Ceilings
Masonry – (CMU & Brick)	Flooring (Carpet & Vinyl)
Structural Steel	Tile (Floor & Wall)
Metal Stairs and Railing	Painting
Roofing	Laboratory Casework & Specialties
Window Treatments	Signage (Interior & Exterior)



SCHEDULE

- SCHEMATIC DESIGN : 2/1/19-5/1/2020
- SUBCONTRACTOR PROCUREMENT : 9/1/2019-6/1/2020
- SITEWORK : 1/1/2020-6/1/2020
- STRUCTURE / SKIN : 3/1/2020-11/1/2020
- MEP : 11/1/2020 - 2/1/2022
- START-UP / COMMISSIONING : 7/1/2021 - 2/1/2022
- SUBSTANTIAL COMPLETION : 2/1/2022



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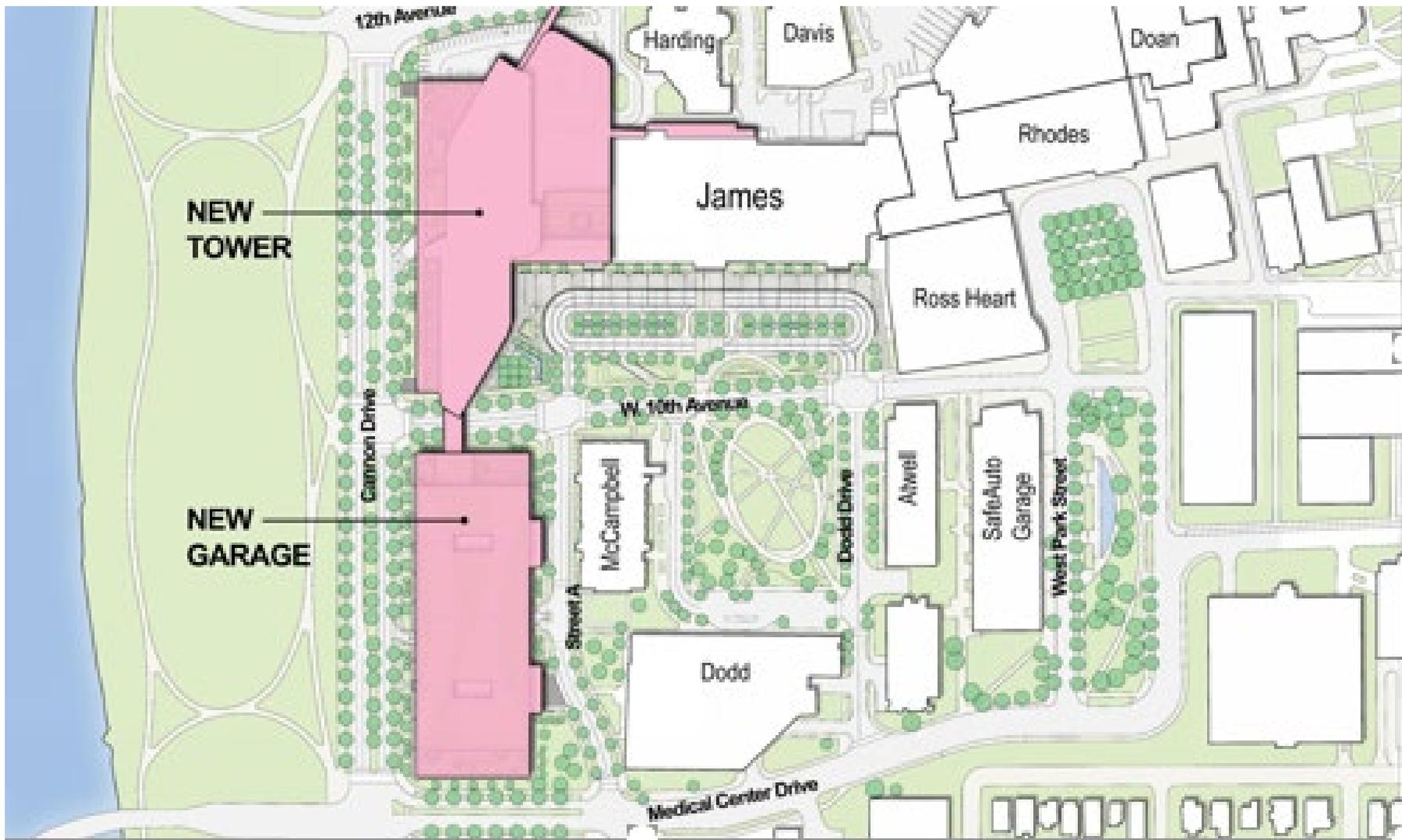


info@walshturnerjv.com



- ✓ **The Ohio State University Wexner Medical Center**
- ✓ Inpatient Hospital - Q3 2020-Q4 2024
- ✓ Garage - Q2 2019-Q2 2021
- ✓ Central Sterile Processing Building - Q2 2019-Q4 2020

- ✓ Chrystal Stowe, Smoot Construction – Diversity and Inclusion Coordinator





Wexner Medical Center Inpatient Hospital

Preliminary EDGE Subcontracting Plan - Goals by CSI Trade Division

Inpatient Tower

- Expanding and replacing up to 840 beds in Rhodes and Doan
- Early work begins Q3 2019
- Completed end of 2024
- Renovation work in The James
- Renovation work in University Hospital

Construction Trade Division	Project Goal	Construction Trade Division	Project Goal
<i>Division 1 - General Requirements</i>	10%	<i>Division 12 - Furnishings</i>	0%
<i>Division 2 - Existing Conditions</i>	25%	<i>Division 13 - Special Construction</i>	0%
<i>Division 3 - Concrete</i>	10%	<i>Division 14 - Conveying</i>	0%
<i>Division 4 - Masonry</i>	10%	<i>Division 21 - Fire Protection</i>	0%
<i>Division 5 - Metals</i>	20%	<i>Division 22 - Plumbing</i>	15%
<i>Division 6 - Wood, Plastic, and Composite</i>	20%	<i>Division 23 - Mechanical</i>	15%
<i>Division 7 - Thermal and Moisture Protection</i>	10%	<i>Division 26 - Electrical</i>	15%
<i>Division 8 - Openings</i>	20%	<i>Division 27 - Communication</i>	10%
<i>Division 9 - Finishes</i>	15%	<i>Division 31 - Earthwork</i>	20%
<i>Division 10 - Specialties</i>	25%	<i>Division 32 - Exterior Improvements</i>	25%
<i>Division 11 - Equipment</i>	5%	<i>Division 33 - Utilities</i>	20%



G.1 Bid Packages

Bid Package #002-Site Demo, Excavation, and Site Utilities00 24 13.02

Bid Package #003-Soil Augmentation00.24.13.03

Bid Package #005-Earth Retention Systems00 24 13.05

Bid Package #012.01-Electrical-Underground00 24 13.12.01

G.2 Bid Packages

Bid Package #001-Cast In Place Concrete 00 24 13.01

Bid Package #004-Paving, Sidewalks, and Curbs00 24 13.04

Bid Package #006-Gen. Trades, Carpentry, Doors & Hardware, Painting00 24 13.06
Light Gauge Metal Framing, Sheathing

Bid Package #008-Curtainwall, Storefront, Glass and Glazing00 24 13.08

Bid Package #009-Elevators and Vertical Transportation00 24 13.09

Bid Package #010-Plumbing and Plumbing Insulation00 24 13.10

Bid Package #011-Mechanical, Mechanical Ins., TAB, and Controls00 24 13.11

Bid Package #012.02-Electrical, LV, CCTV, Security, Access Control00 24.13.12.02

Bid Package #013 -Fire Suppression00 24 13.13

Bid Package #014-Structural Steel and Misc. Metals00 24 13.14

Bid Package #015-Site Improvements, Landscaping, Irrigation00 24 13.15

Bid Package #016-Roofing, Sheetmetal, Flashings, and Trims, veg. roofs00 24 13.16

Bid Package #017-Garage Striping00 24 13.17

Bid Package #018-Caulking, Sealants, Firestopping, Waterproofing00 24 13.18

Bid Package #019-Masonry00 24 13.19

Bid Package #020-Signage00 24 13.20

Bid Package #021-Traffic Control

Parking Garage

- 700,000 SF
- 1,800 spaces
- 7 stories
- Connected with new tower above 10th
- Potential vertical expansion
- Post tension cast-in-place structure
- Begin construction Q2 2019
- End construction Q1 2021





CSS Offsite

- Corner of Kenny and Ackerman
- Greenfield site
- 60,000 SF building
- Operational by 2021
- OSU furnished processing equipment
- Warehouse space
- Central distribution
- Truck Storage Building

Bid Package Group #1

- BP#1.1.0 Mass Excavation, Stockpile, and SWPPP
- BP#1.1.1 Site Demolition, Sitework, and Utilities
- BP#1.1.2 Bituminous and Concrete Paving
- BP#1.2.0 Concrete
- BP#1.3.0 Structural Steel and Miscellaneous Metals
- BP#1.4.0 Mechanical / HVAC
- BP#1.5.0 Electrical
- BP#1.6.0 Plumbing
- BP#1.7.0 Fire Suppression
- BP#1.8.0 Material Hoist

Bid Package Group #2

- BP#2.1.0 Cold Formed Metal Framing, Interior Partitions, and Ceilings
- BP#2.2.0 Roofing
- BP#2.3.0 Metal Panels
- BP#2.4.0 Aluminum Storefront, Windows, Glass
- BP#2.5.0 General Trades
- BP#2.6.0 HM Frames, Doors, Hardware
- BP#2.7.0 Overhead Coiling Doors
- BP#2.8.0 Loading Dock Equipment

Bid Package Group #3

- BP#3.1.0 Masonry
- BP#3.2.0 Auto Openers / Airlock Doors
- BP#3.3.0 Epoxy Flooring
- BP#3.4.0 Tile, Resilient Flooring, and Carpet
- BP#3.5.0 Paintings and Coatings
- BP#3.6.0 Telecom
- BP#3.7.0 Exterior Improvements





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WEXNER MEDICAL CENTER REGIONAL AMBULATORY FACILITY

PROJECT DETAILS

- ✓ TWO BUILDINGS TOTALING APPROXIMATELY 245,000 SF
- ✓ MEDICAL OFFICE BUILDING - 5-STORY BUILDING
- ✓ AMBULATORY SURGICAL CENTER - 2-STORY BUILDING

PRELIMINARY PHASED CONSTRUCTION SCHEDULE

- ✓ OCTOBER 2018: BP #1 MASS EXCAVATION COMMENCED
- ✓ APRIL 2019: BP #2 CORE & SHELL AND SITE IMPROVEMENT
- ✓ JUNE 2019: BP #3 TENANT IMPROVEMENTS
- ✓ JUNE 2019: BUILDING CONSTRUCTION BEGINS
- ✓ SPRING 2021: CONSTRUCTION COMPLETION



WEXNER MEDICAL CENTER REGIONAL AMBULATORY FACILITY





WEXNER MEDICAL
CENTER
REGIONAL
AMBULATORY
FACILITY

EARTHWORK / SITE UTILITIES
ASPHALT PAVING
SITE CONCRETE
LANDSCAPING
CONCRETE
MASONRY (CMU & BRICK)
STRUCTURAL STEEL
METAL STAIRS AND RAILING/ MISC.
METALS
ROUGH CARPENTRY
ROOFING
WINDOW TREATMENTS
ALUMINUM STOREFRONT / /
ENTRANCES / CURTAIN WALL /
GLASS

EXTERIOR CFS & SHEATHING
ELEVATORS
FIRE PROTECTION
MILLWORK / FINISH CARPENTRY
DOORS, FRAMES & HARDWARE
OVERHEAD ROLLING DOORS
INTERIOR METAL FRAMING / DRYWALL / ACT
LOADING DOCK EQUIPMENT
FLOORING
PAINTING
SIGNAGE



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HEALTH SCIENCE FACULTY OFFICE AND OPTOMETRY CLINIC

PROJECT DETAILS

- ✓ 6 STORIES, 116,000 SF
- ✓ MEDICAL OFFICE BUILDING AND STAFF OFFICES

PHASED CONSTRUCTION SCHEDULE

- ✓ PHASE 1 BIDS FEBRUARY 2019:
ENVIRONMENTAL/DEMOLITION/ENABLING
ELECTRIC
- ✓ PHASE 2 BIDS MARCH 2019:
FOUNDATION/CONCRETE/ STEEL/EGRESS
STAIRS
- ✓ PHASE 3 BIDS MAY 2019: CORE & SHELL &
TENANT IMPROVEMENT PACKAGES
- ✓ SUMMER 2020 COMPLETION



Doing Business with Gilbane

1. Haven't worked with Gilbane as a first-tier partner?
2. Worked as a first-tier partner with Gilbane?



Visit outreach.gilbaneco.com to register



Visit www.ibidpro.com to update your information

Team Contact Information



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Craig Wagner
Chief Purchasing Agent

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Interdisciplinary Health Sciences Center

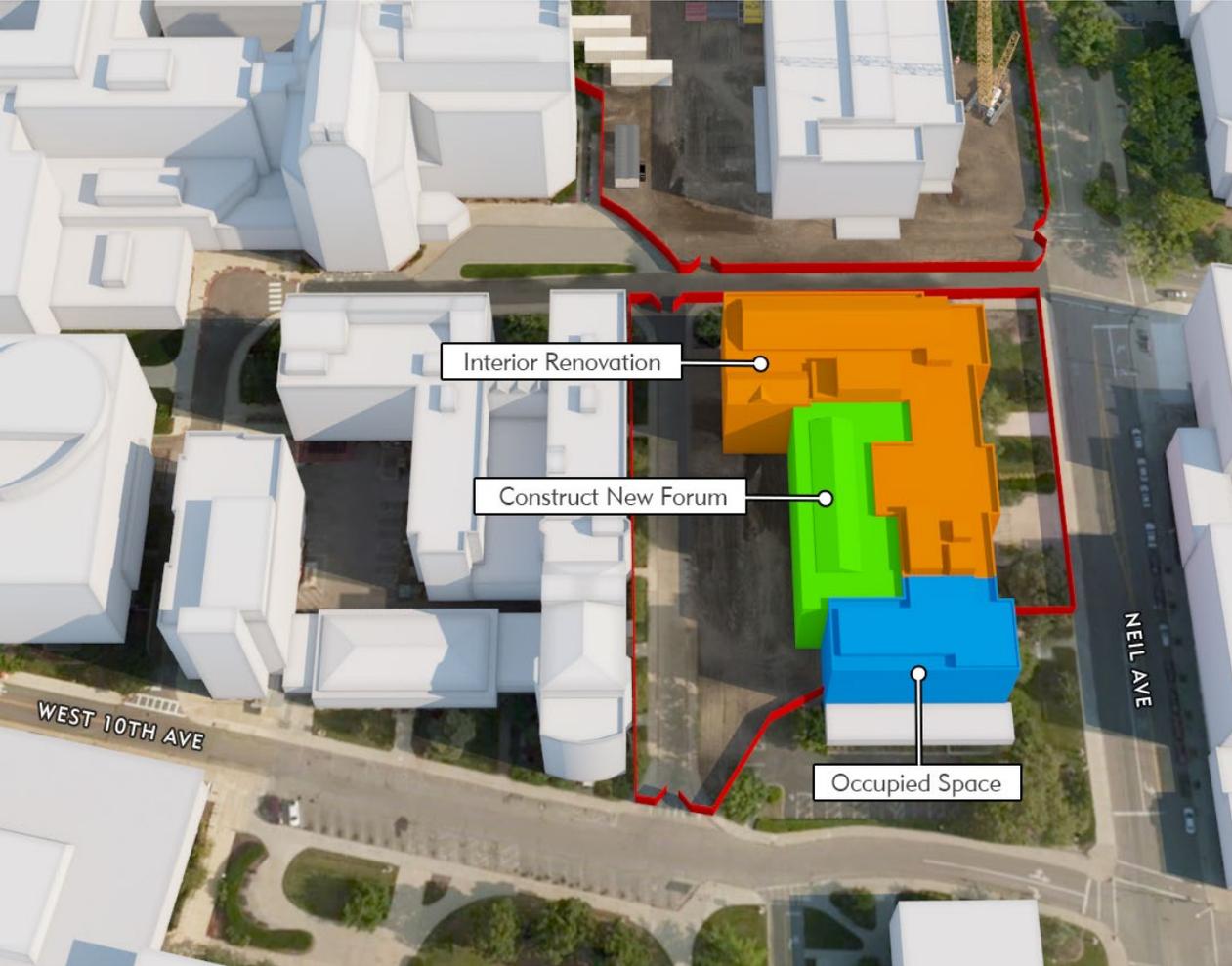
- > 150,000 SF Renovations and 100,000 SF New Construction
- > Includes demolition of existing structures, renovation of existing buildings and construction of a new building with upgraded and flexible facilities
- > The goal is to create a collaborative campus for inter-professional education throughout the Health Sciences
- > Program elements will include classrooms, anatomy labs, community life, administrative and building support spaces
- > Work will be completed in five phases to maintain academic operations throughout construction



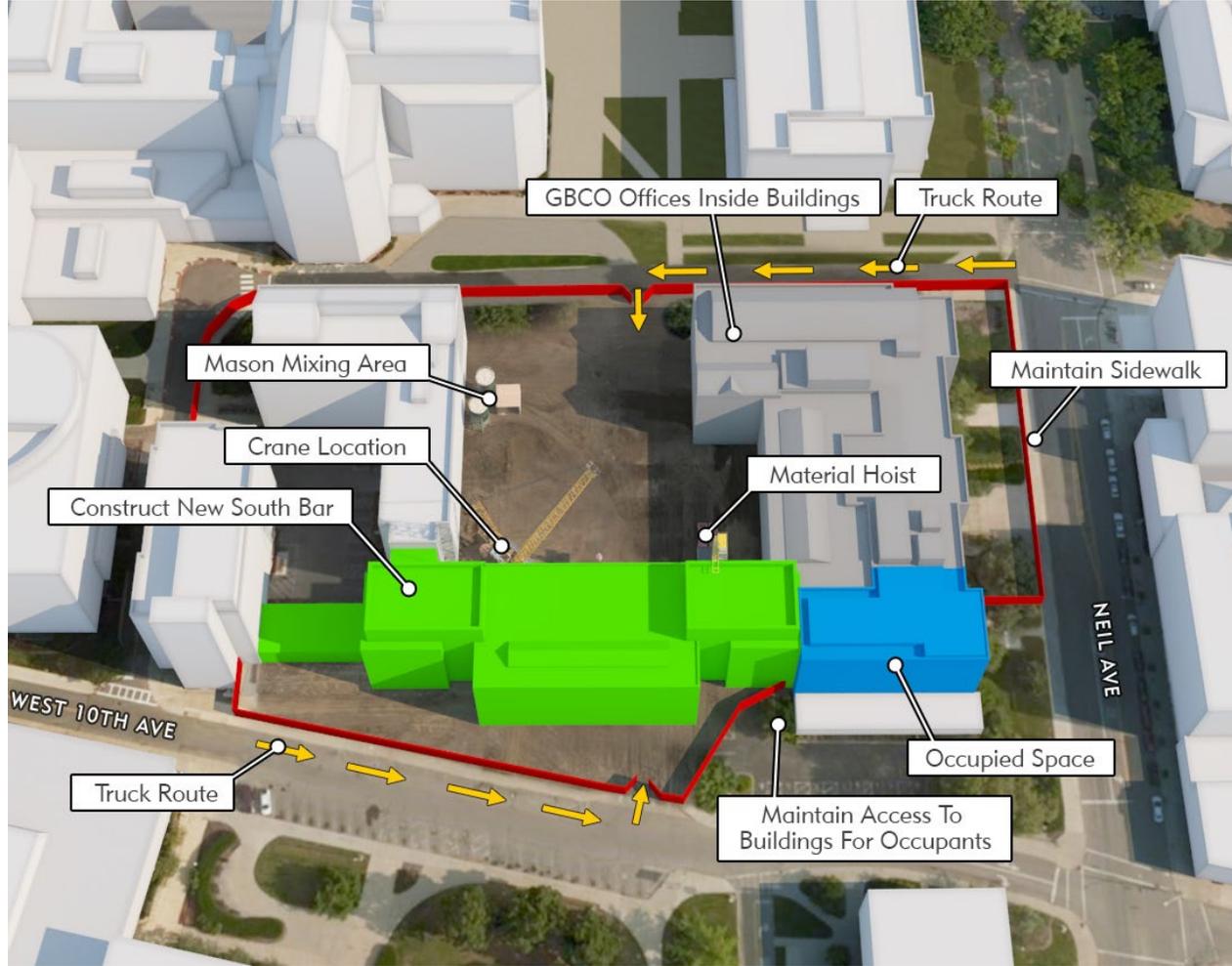


BP#	Bid Packages
01A	Demo/Clearing/Fencing
01B	Asbestos Abatement
03A	Concrete Foundations
04A	Masonry/Stone
05A	Structural Steel
05B	Miscellaneous and Ornamental Metals
06A	General Trades/Rough Carpentry
06B	Casework
07A	Metal and Membrane Roofing
08A	Exterior Curtainwall/Interior Glass
09A	Drywall/Paint
09B	Terrazzo Flooring

BP#	Bid Packages
09C	Carpet/Resilient Floor Tile/Ceramic Tile
14A	Elevators
21A	Fire Protection Systems
22A	Plumbing Systems
23A	HVAC/Controls
26A	Electrical/Communications/Technology
27A	Audio/Video
31A	Sitework/Utilities
32A	Hardscapes – Site Concrete, Asphalt
32B	Landscaping
99A	Final Cleaning



Hamilton Hall Renovations
July 2019 – January 2020



New Building Addition
August 2020 – August 2022



Certification Program

- The State of Ohio's ***Encouraging Diversity, Growth and Equity (EDGE)*** program establishes an annual procurement goal (currently set at five percent) for state agencies, boards and commissions, as well as guidelines for state universities in awarding contracts to certified EDGE businesses. The EDGE program is a ethnicity-and-gender neutral program designed to assist socially and economically disadvantaged businesses in obtaining state government contracts in the following areas: construction, architecture and engineering; professional services; goods and services; and information technology services.





Certification Limits



EDGE Graduation and Participation Time Limits

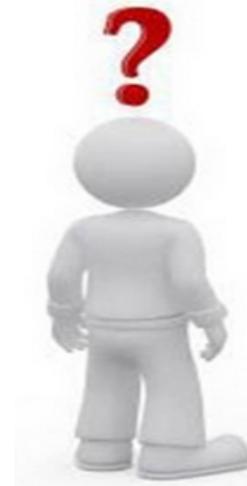
10-Year Time Limit
Graduation

- Economically Disadvantaged Business Owner
- Economically Disadvantaged Business



EDGE Program Eligibility

- Owned and controlled by a U.S. citizen and Ohio resident who is both socially *and* economically disadvantaged.
- Social disadvantage:
 - Ethnicity
 - Female gender
 - Chronic, physical or mental disability
 - Business owner's long term residence in an environment isolated from the mainstream of American society





EDGE Program Eligibility

- Ethnicity:
 - African Americans or Blacks
 - All persons having origins in any of the black racial groups of Africa
 - American Indian
 - All persons who maintain culture and have origins in a federally recognized Indian tribe as listed in the current "Federal Register Notice of Indian Entities Recognized and Eligible to Receive Services" from the U.S. Bureau of Indian Affairs.
 - Asians
 - All persons having origins in any of the original people of the Far East, including China, Japan and Southeast Asia. India has been included in the definition of "Asian." Subsequent to that, Pakistan was included because the country came about as a division from India.
 - Hispanics or Latinos
 - All persons of Spanish or Portuguese culture with origins in Mexico, South or Central America or the Caribbean Islands, regardless of race.





EDGE Program Eligibility



- Economic disadvantage:
 - Two-year average personal income of less than \$250,000;
 - Personal net worth of less than \$250,000 at time of application; and
 - Fair market value of all assets less than \$4 million



The Certification Process: *In a nutshell...*

- EOD reviews the application and supporting documentation for completeness and begins the audit process
 - Validation of application information
 - Ownership and control
- EOD completes an onsite interview and additional documentation may be requested
- EOD analyzes documentation and the information gathered during the interview; and makes a determination as to approval or disapproval
- EOD notifies client as to determination and next steps





Documents Required

For all EDGE applicants:

1. Proof of U.S. citizenship
2. Proof of Ohio residency
3. Proof of social and economically disadvantaged group (*EDGE*)
4. Resume
5. Registered trade name or fictitious name (Ohio Secretary of State)
6. Federal and State tax returns



***Ohio Department of
Administrative Service***

**Stacy Cornett, Program
Administrator**

**Bobbi Bell-Bartholomew,
Program Administrator**



THE OHIO STATE UNIVERSITY

Columbus Urban League

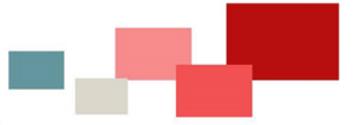
Evelyn Cleveland, Intake
Coordinator



Minority Business
Assistance Centers



Minority Business
Assistance Centers
Columbus



Mission:

To advance business opportunities for minority and small disadvantaged business enterprises and provide market access that leads to sustainable business relationships.

Location:

Huntington Empowerment Center
at the Columbus Urban League
788 Mt. Vernon Ave.
Columbus, OH 43203

Hours of Operation:

Monday – Friday, 9:00 A.M. to 5:00 P.M.
(Office is closed daily from 12:00 P.M. to 1:00 P.M.)

Phone:
Email:

(614) 372-2358
mbac@cul.org

Website: www.cul.org/mbac/

Services

- Technical Assistance • One-on-One Counseling
- Training • Financial Readiness Services
- Identifying Accesses to Capital
- Contract Assistance • Bonding Programs
- MBE/EDGE Certification Assistance

To schedule an appointment to learn about the resources available to you, visit:
<http://odsa.force.com/mbac/mbacassistancerequest>





Expedited Process



The expedited certification process is available, upon request from a Minority Business Assistance Center (MBAC), when

- an applicant desires to submit a bid or proposal in response to a procurement solicitation and certification is a requirement to be responsive; or
- has a pending Minority Business Development Division (MBDD) financing or bonding application where certification is a requirement.



Access to Financial Assistance

A frequent obstacle to minority and small business expansion and growth is the lack of capital. The Minority Business Development Division administers a variety of loan and bond programs. The below programs; an example of products offered that promote the growth and establishment of minority and small enterprises in Ohio.

- **Minority Business Bonding Program** – provides surety bonds up to \$1,000,000 to approved state certified minority businesses.

- **Minority Direct Loan Program** - provides funding up to \$1,500,000 for eligible projects like land, building, machinery or equipment at rates as low as 3% interest for the state's portion of the loan.