

# Technology Consultant RFP Overview: Design & Development of Content Management System

Pre-Proposal Meeting (Zoom)  
March 4, 2026

## Goals for this time:

- Introduction to Main Library
- Overview of Tech Spaces
- Review Scope of Work
- Q&A



# Once-in-a-Lifetime Project

*Vision: A dynamic hub for learning, creativity, and innovation*

- Technology forward
- Arts integration
- Diverse audiences
- Positioned as a public commons, fostering connectivity
- High level community investment



# Main Library Timeline 2020-27

**December  
2020**

Construction begins at Library Administration Center

**November  
2021**

Main Library vacated and functions relocate to Library Administration Center

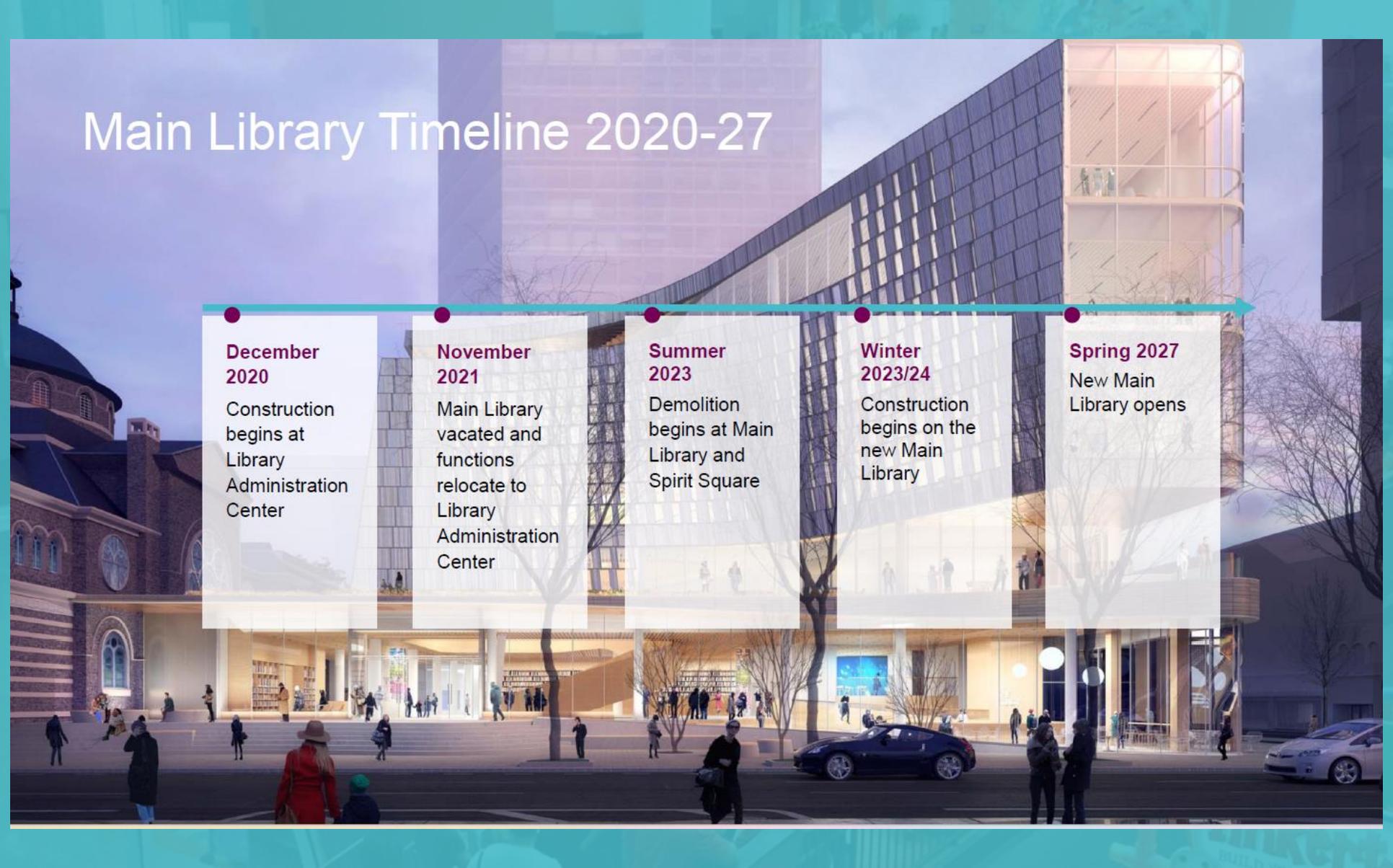
**Summer  
2023**

Demolition begins at Main Library and Spirit Square

**Winter  
2023/24**

Construction begins on the new Main Library

**Spring 2027**  
New Main Library opens



# Major Features



## Level 5 Destination

The Leon Levine Foundation Destination Reading Room, Dr. Joyce Waddell Event Space, Dowd Foundation Board Room, and Nucor Terrace.

## Level 4 History and Genealogy

Robinson-Spangler Carolina Room

## Level 3 Reference and Research

Philip L. Van Every Classroom, Weisiger Fleming Reading Room, reference hub,

## Level 2 Opportunity and Innovation

Honeywell [Digital Visualization Lab](#), Bank of America Opportunity and Newcomer Center, Gambrell Innovation Lab, Lowe's Technology Hub, outdoor terrace

## Level 1 Community

The Tepper Plaza, Knight Hall (*includes shared lobby with theaters and programming forum*), open air courtyard, Sklut Common Reading Area, Morris Family [Immersive Theater](#), Café w/Novant Seating Area.

## Level 0 Staff

Staff spaces, catering kitchen, storage

## Throughout

Collections, technology, digital resources, comfortable seating and meetings rooms (15)

# Project Milestones

Milestone	Start Date	End Date	Dependencies
Create UX plan w/ Technology consultant	May 2025	Sept 2025	
Fundraising for additional project phases	Sept. 2025	May 2026	Initial round of funding complete; awaiting another grant announcement.
System design, engineering, and other developmental work	April 2026	June 2026	Board approval
Software and content prototyping ready for staff feedback	July. 2026	Sept. 2026	
All systems delivered and installed	Oct. 2026	Nov. 2026	TCO
Create process manuals for DigiViz and Innovation Lab	Nov. 2026	Jan. 2027	
Staff training and handoff; project wrap	Dec. 2026	Feb. 2027	
Library opens to the Public	Spring 2027		CO

# Introduction to the Spaces



# Deep Background - Recommendations

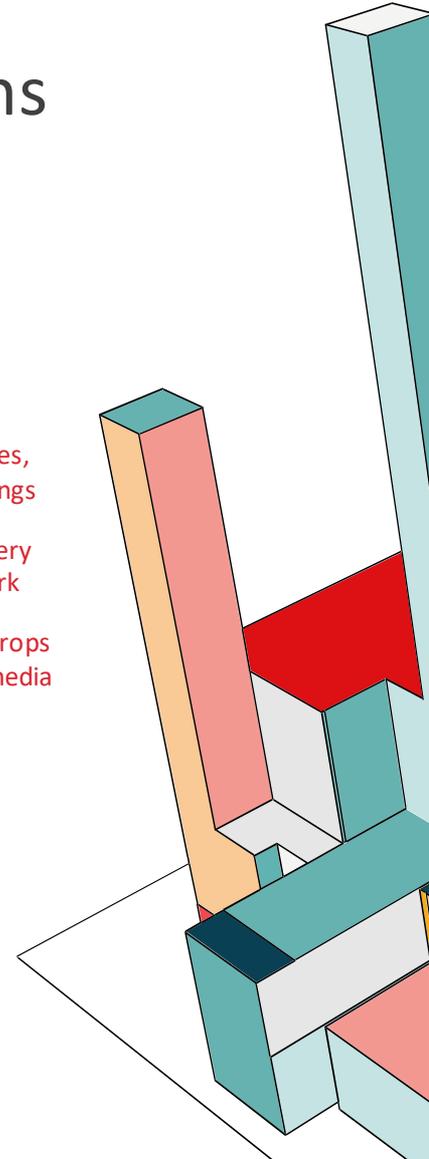
“Meet me at the Canvas!”

Immersive Theater	DigiViz
Digital Public Art	Meditative/Sensory Space
Programming Support	Digital Public Art
Library-led Content	Presentations
Community-focused content	Programming Support

- Short film series, movie screenings
- Digital art gallery of student work
- Custom backdrops and sensory media

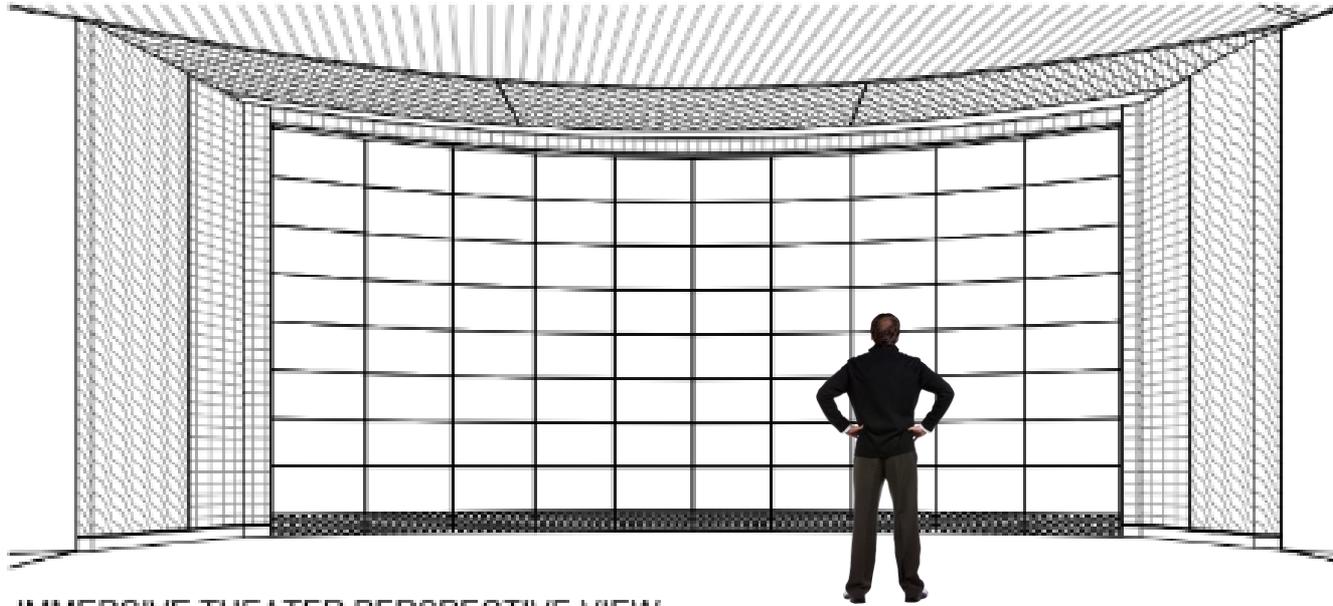
- Step into the heart of Main and discover a digital town square where Charlotte comes alive with vibrant art, calming visuals, and special programs.
- A place to pause, gather, and be inspired—a digital gateway to art and culture that draws visitors further into the library.

- Wander through a curved entryway into a hidden world of wraparound light and sound that immerses you in art, story, and imagination.
- A one-of-a-kind sensory room designed for deep relaxation, intimate programs, and unforgettable experiences you can't find anywhere else.



# Immersive Theater

*High-impact visual storytelling with interactive content, rotating, dynamic displays*



IMMERSIVE THEATER PERSPECTIVE VIEW

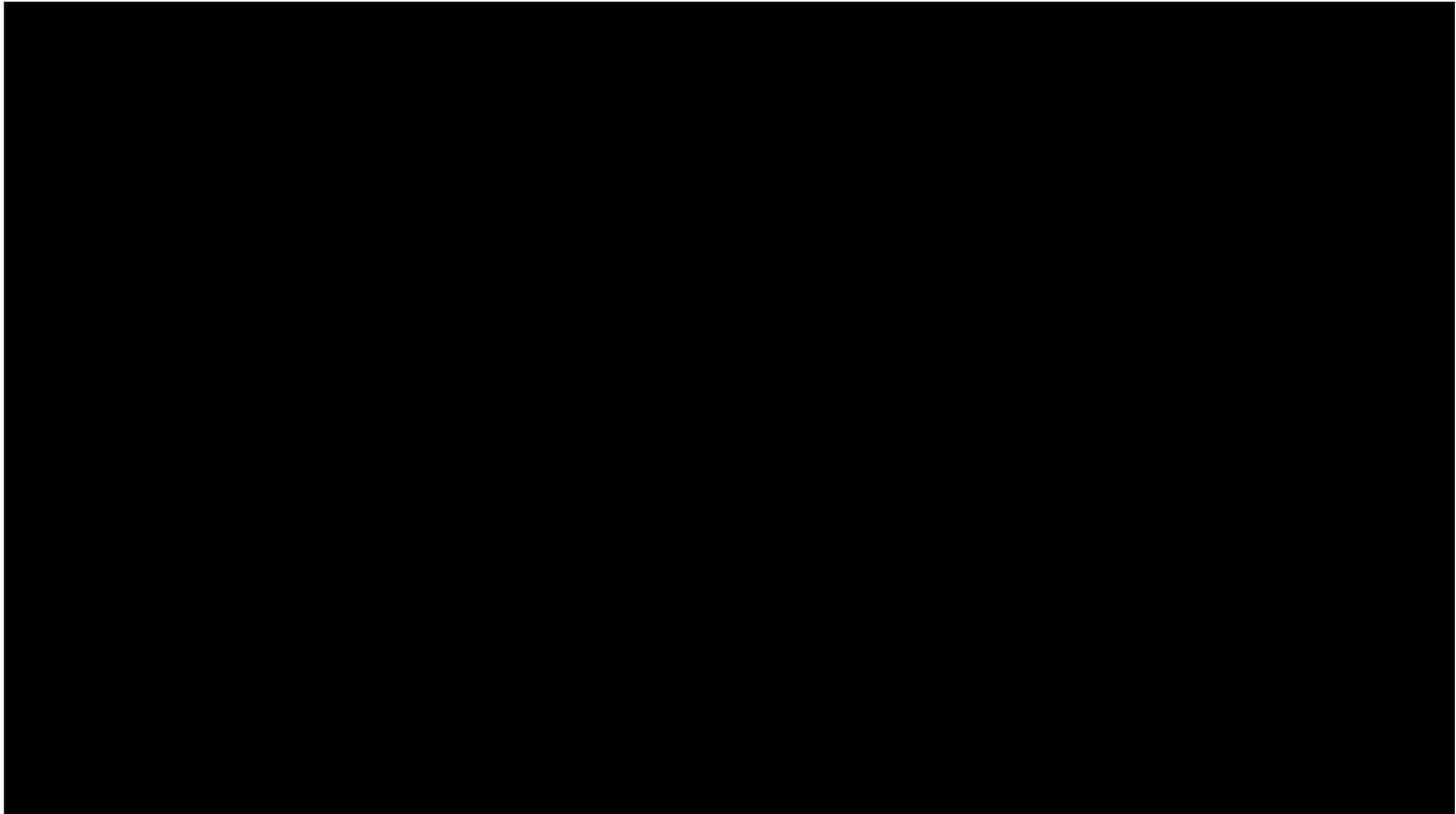
Media wall is 9'x20' with a slight curve; open to entire "new adult" section in the library, and visible from central desk



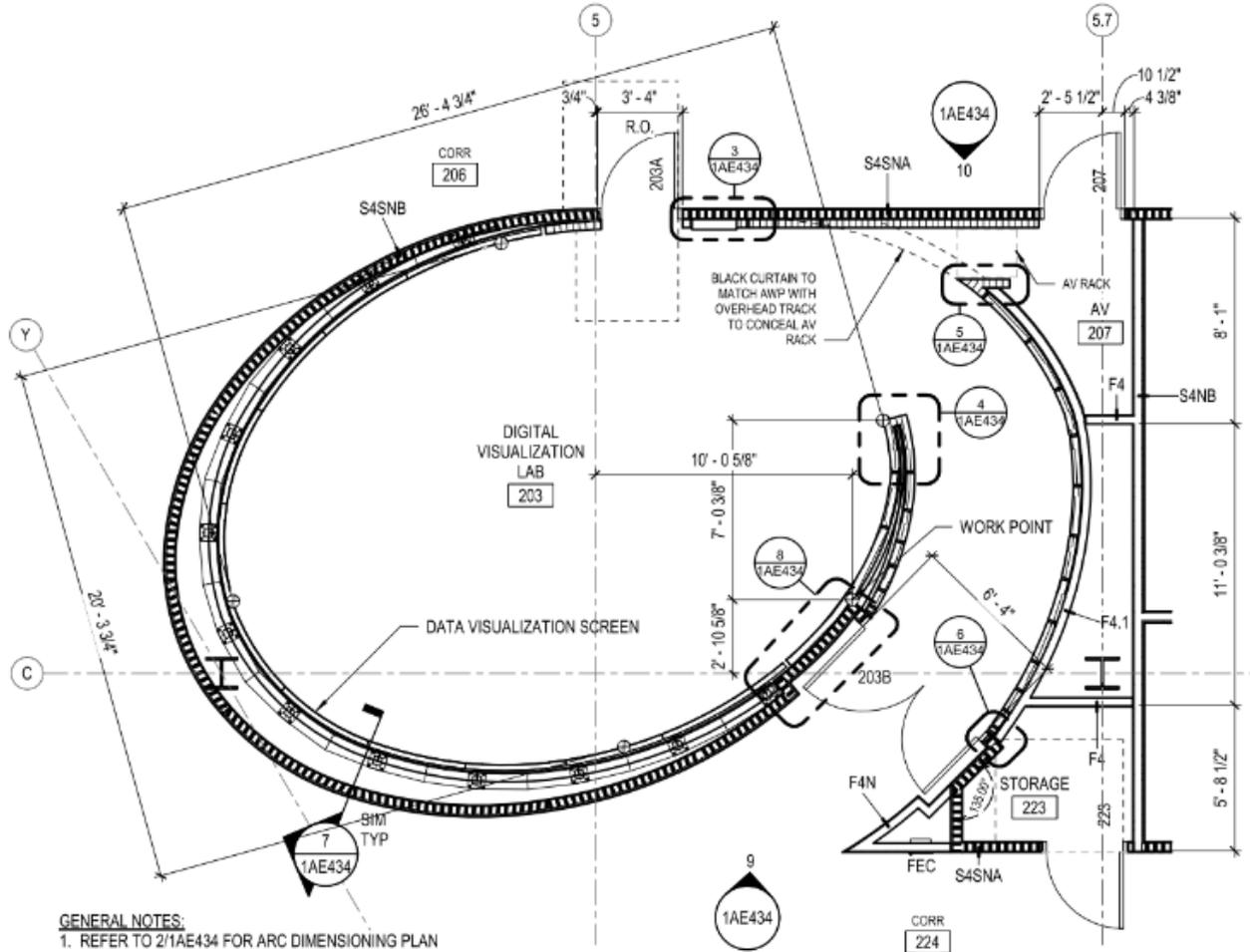
**DEMON  
COPPERHEAD**  
BARBARA KINGSOLVER



# Immersive Theater



# DigiViz



Approx.  
48'w x 7'h  
with a 270°  
curved screen  
composed of XX  
monitors (23.94 x  
13.46);  
~10 person  
capacity



# DigiViz



# Scope of Work

## ❖ **Operational Software Ecosystem:**

Implementation of a content management system (CMS) and show-control platform enabling Library staff to schedule, trigger, and manage digital experiences across both spaces.

## ❖ **System Integration & Installation:**

Seamless coordination with construction and AV partners to install, test, and calibrate the digital environments prior to public opening.

## ❖ **Training & Sustainability:**

Comprehensive staff training, documentation, and a 90-day warranty period to ensure confident, independent system operation.

## ❖ **Hardware Recommendations:**

Advise on best practices and equipment to support ideal media operations.

## ❖ **Warranty, Support, and Maintenance:**

Provision of warranty, options for continued support and consultation, and plan for regular maintenance and software updates.

# Questions?



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**RFP Submission Deadline:  
March 20, 2026 at 2pm EST**