



DISCOVERY PARTNERS INSTITUTE

CHICAGO CENTER FOR EDUCATION & RESEARCH

PRE-SUBMITTAL CONFERENCE- 25TH AUGUST 2020



UNIVERSITY OF ILLINOIS SYSTEM



AGENDA

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INTRODUCTION (cont.)

Advisory Jury



Judith De Jong
University of Illinois Chicago



Francisco Rodrique Suarez
University of Illinois at
Urbana Champaign



Leslie Johnson
Illinois Institute of Technology

Selection Committee

- J. Brent Lance, Committee Chair - *CDB QBS (Architect)*
- Ray Boosinger - *CDB Professional Services (Architect)*
- Ron Wright - *CDB Construction*
- Jesse Martinez - *CDB Fair Employment Practices*
- Paul Kmett - *CDB Legal (Attorney/Engineer)*
- Chris Rogan - *University of Illinois System*
- Sandra Yoo - *University of Illinois System (Architect)*
- Brian Bundren - *University of Illinois Urbana/Champaign (Architect)*
- David Taeyaerts - *University of Illinois Chicago (Architect)*
- Michael Flavin - *Discovery Partners Institute*

BRIEF OVERVIEW OF THE COMPETITION

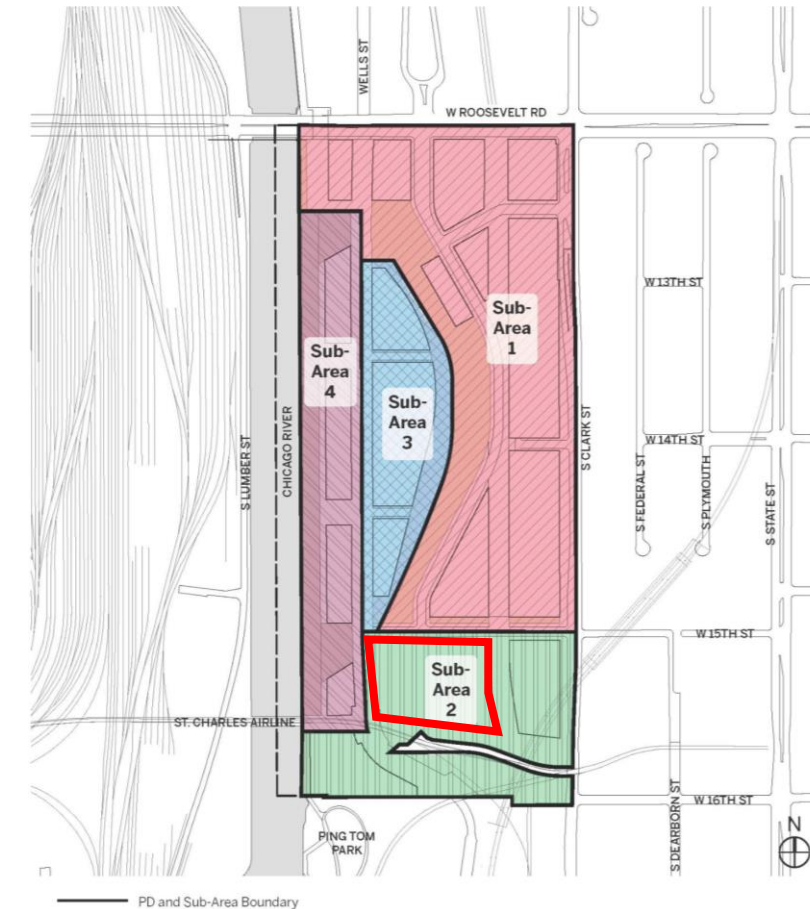
Site Introduction and Design Challenges

The primary design challenge is the creation of a facility that will represent the lofty ideals of the institutions represented by the DPI, while housing the complex research, engagement and educational programs necessary to meet the institute's mission. Seven specific and unique challenges were identified in a feasibility study and should be addressed by the proposed design solutions.

- Iconic Architecture,
- Sustainability,
- Interdisciplinary Collaboration,
- Flexibility/Durability,
- Technology,
- Community Connection,
- Privacy Concerns.

The new 500,000 sq ft facility will be located in “The 78” development, just south of the Loop. While an exact site ,within The 78, has yet to be finalized, an assumed 3.5-acre site on the south end of the development is provided for this competition.

The DPI has a bold vision for tackling a broad range of societal challenges, and the home of the institute should reflect that vision. This competition is meant to be the first step towards realizing a once in a generation facility that can have a meaningful impact on society. The task of designing that facility should be treated with the same excitement and innovative spirit that is central to the DPI.



*Note: Due to the complex nature of the real estate transaction between the University and the developer of the 78, detailed site information was not available at the time this report/brief was conducted. Therefore, our assumptions on a potential site are laid out in the following section.

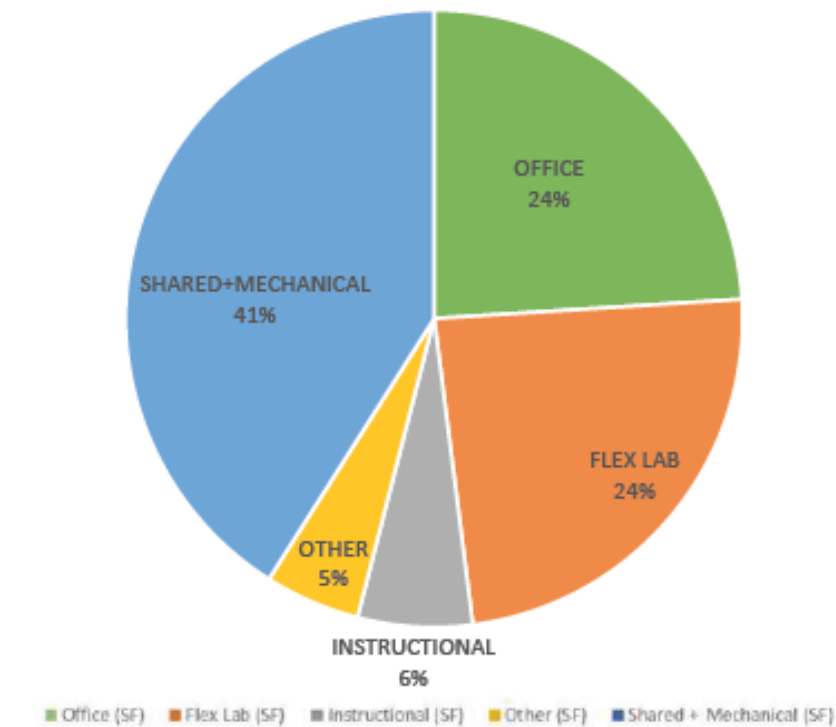
BRIEF OVERVIEW OF THE COMPETITION (cont.)

Program Overview

The unique and expansive mission of the DPI requires a one-of-a-kind building. The primary function of the building will be to house the work of leading academics, industry representatives, and students while encouraging interdisciplinary collaboration between both these users and the broader public.

The attached sample program was developed by identifying generalized spaces that begin to meet these demands from other existing peer institutions and tabulating those spaces into a rough program that can house the expected occupancy of the DPI. Part of the challenge of this competition is understanding the unique spatial needs of the users and developing new and innovative program spaces to meet those needs. Therefore, the high-level program presented here should be taken as a guide to the spatial and personnel needs of the DPI, and not a final tabulation.

Special attention should be paid to the large areas of Flex Lab space. This has been identified as the area that will be key to the interdisciplinary and collaborative missions of the DPI and offers unique opportunities for creative response from the design teams.



Appendix 1 | DPI Feasibility Study | Page 44-45 | Proposed Detailed Program

BRIEF OVERVIEW OF THE COMPETITION (cont.)

Feasibility Study



BRIEF OVERVIEW OF THE COMPETITION (cont.)

Submission Requirements

All entrants are required to submit their proposal electronically per the instructions mentioned in this document. Failure to meet the instructions may be grounds for disqualification. The CDB has final jurisdiction in this matter.

Upload files to:

<https://filet.illinois.gov/filet/pimupload.asp>

Addressed to the following email address:

cdb.830-000-084@illinois.gov

Upload to be COMPLETED by 2pm October 6th, 2020.

Late transfers may be grounds for disqualification, so please allow sufficient time for uploads to complete. No hard copies or physical models should be submitted as part of the final proposal package.

Legibility:

Images should be legible on laptops and should be sufficient to show the design intent and responses to primary concerns listed in this brief.

List of submission requirements:

1. Primary submission (60 pages maximum)
2. (2) Summary boards (archD)
3. video fly through (2 minutes maximum)
4. Order of magnitude cost estimate

BRIEF OVERVIEW OF THE COMPETITION (cont.)

Submission Requirements (cont.)

Format:

Any font may be used in the proposal, but all text should be formatted to a size no smaller than 10 pt. text (using Arial/Helvetica as reference). Text associated with a graphic image may be formatted no less than 8 pt. Arial/ Helvetica. The page limitation for the submission, is limited to a maximum of 60 pages including any blank pages, cover, back cover, table of contents and section marker pages. There is no limit set to the number of images to be submitted in the proposal, but adequate amount of text should be included to explain the proposal comprehensively to the jury. Pages having full-bleed images cannot exceed 20 in number. All images, diagrams and graphics should be sized larger than 4"x6" at 96 DPI.

In addition to the submission outlined above, 2 separate competition boards must be included in the electronic packet, not exceeding 22"x34" in size. All renderings and images should be at sufficient quality to be printed full-size at 150 DPI, and no image, rendering, graphic or diagram included should be one not present in the smaller-size submission. These boards should act as a summary of the entry and may be used to display the entry to the public. All images should be accompanied by a textual description.

Separate files should be included as part of the packet that contains all the renderings mentioned in the Renderings section that follows, each image having a minimum resolution of 2560 x 1920. Please structure the electronic submission in legible folders with the primary document and boards separate from supporting rendering and cost estimate files.

BRIEF OVERVIEW OF THE COMPETITION (cont.)

Submission Requirements (cont.)

The following is a list of suggested drawings and renderings that can be submitted to explain the proposal. This list is by no means exhaustive. Teams can choose to add or remove items, as long as they remain within the spirit of the competition and preserve its intent, which is to generate ideas, not produce a final set of constructible documents of a particular design proposal.

Renderings:

Exterior views should attempt to show the main approach to the building, the front facade, significant elevations or facade elements, rooftop spaces and views at the main building entrance(s).

Interior views should attempt to show key interior spaces such as the atrium, lobby, public areas and staff-user collaborative spaces.

There is no limit on the number of views or drawings presented outside of the page and resolution limits listed above.

Video summary:

Architects shall prepare a video summary (maximum 2 Minutes) to illustrate design intent.

*Note: Due to limitations of in-person meetings, physical models will not be accepted, but images of a physical model may be used in the proposal at the team's discretion.

BRIEF OVERVIEW OF THE COMPETITION (cont.)

Submission Requirements (cont.)

Drawings:

Design drawings for the proposal shall include, but not be limited to the following:

1. Land Use Plan;
2. Site plans, Site Sections and Elevations;
3. All floor plans, cross sections and interior elevations
4. Enlarged drawings of key design features (appropriate scale)
5. Plan or diagram of potential research floor showing the relationship between flexible design labs, collaboration spaces and public spaces.

*Note: The drawings shall provide a level of detail that reflects the underlying purpose and intent of the Architect. Submission of additional drawings, which in the opinion of architect will be helpful in expressing the design proposal's intent and characteristics are left to the discretion of Architects, to include.

The unit of measurement for all design deliverables should be in US Imperial Units (feet & inches).

Drawings should be sufficient to describe the building and design intent to the listed jury and the public. The target audience may or may not be members of the building profession, so please provide content that will translate to the wider public.

BRIEF OVERVIEW OF THE COMPETITION (cont.)

Evaluation Criteria

Competition entries will be judged on their ability to meet the stated design challenge. In addition, special attention will be given to the following items:

Brief parameters:

- Overall architectural quality and success in creating an iconic structure
- Integration and response to site context
- Creativity and quality of interior relationships between lab spaces, collaboration spaces, and public spaces
- Creativity in energy usage, carbon footprint, and sustainable design stewardship.
- Community engagement.

BRIEF OVERVIEW OF THE COMPETITION (cont.)

Schedule

DATE	SCHEDULE
1 September 2020	Deadline for requests for Clarification
11 September 2020	RFC Answers Distributed To Teams
6 October 2020	Competition Submittals Due
7-14 October 2020	Jury Review/Critique
7-19 October 2020	Concept Evaluations
20 October 2020	A/E Selection Committee, Team Presentations
17 November 2020	CDB Board's Approval/Rejection of The Committee's Recommendation

