



SAN DIEGO COMMUNITY COLLEGE DISTRICT



State of Design-Build in the San Diego Community College District



Presented to Design-Build Institute of America - Western Pacific Region
Thursday, December 1, 2011

SDCCD Propositions S and N

Overview

- **Second Largest Community College District in CA**
- **Sixth Largest in Nation**
- **Three Colleges - City, Mesa and Miramar**
- **Six Continuing Education Campuses**
- **District Square Footage - 2,218,031**



SDCCD Propositions S and N Overview

\$1.555 billion construction bond program provides for 80+ projects at City, Mesa and Miramar Colleges, and six Continuing Education campuses:

- State of the art teaching and learning facilities
- Major renovations and modernizations
- Campus-wide infrastructure projects
- Green Building Policy



SDCCD Propositions S and N

Overview

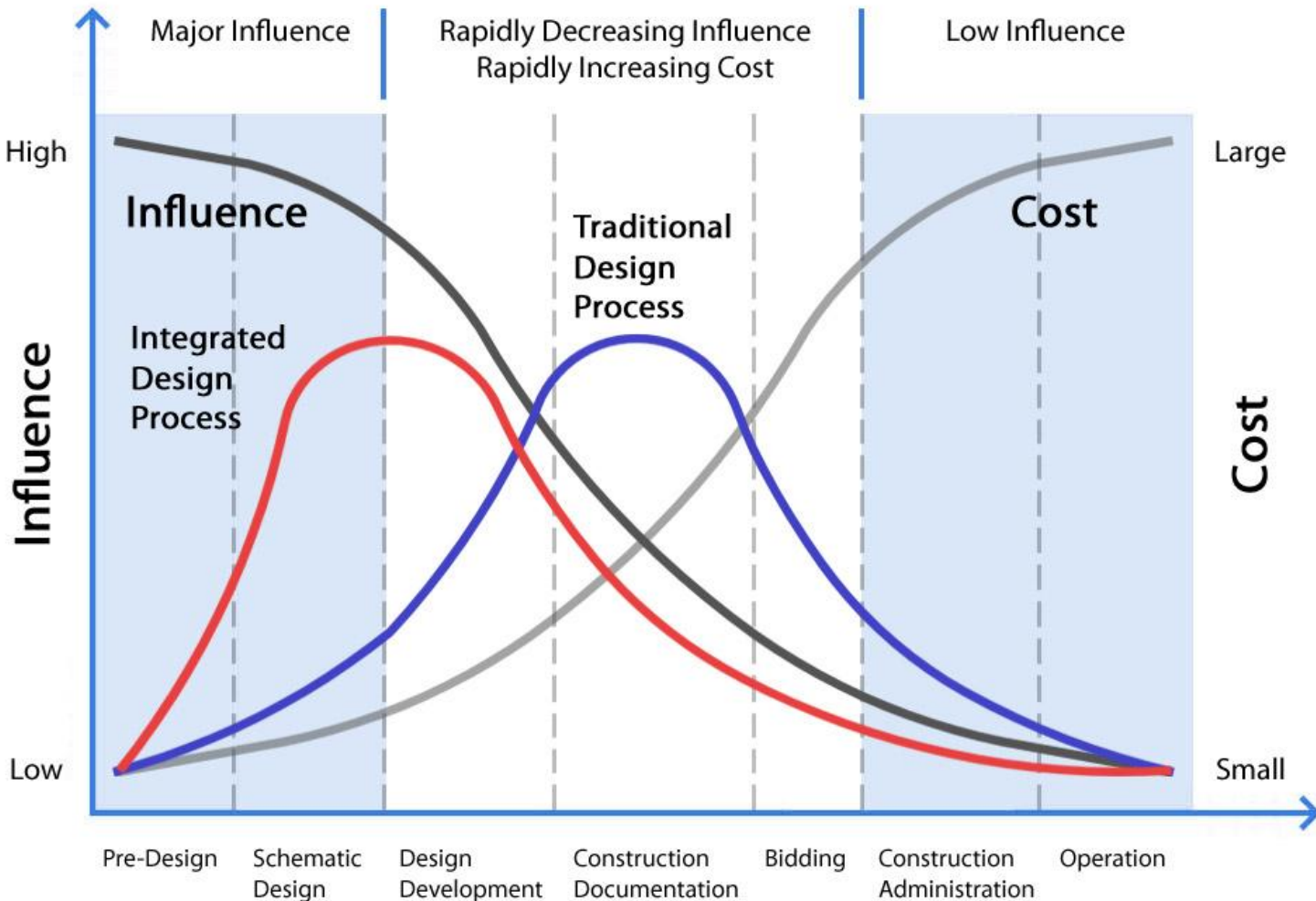
- **As of January 1, 2008, Community Colleges can use design build under SB614.**
 - Must be at least \$2.5M in value
 - Requires project-specific Board resolution
- **Need to evaluate the project based on five minimum criteria.**
 - Price (10%)
 - Technical Experience (10%)
 - Life cycle cost over 15 years (10%)
 - Skilled Labor Force (10%)
 - Safety Record (10%)



SDCCD Propositions S and N

Overview

An integrated design process allows decisions to be made early when the opportunity for change is maximized and the cost of changes are minimized.



SDCCD Propositions S and N

Completed Design/Build Projects

Miramar College Police Station/ Parking Structure

Project Budget: \$17.9 million

Construction Start: Summer 2010

Completion: October 2011

Project provides new headquarters for Miramar College Police and also provides new multi-level parking structure. Project is designed to obtain LEED Platinum – the first for SDCCD.

Design/Build Team:

McCarthy Construction

Harley Ellis Devereaux

International Parking Design (IPD)



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Completed Design/Build Projects

North City Campus - Parking Structure

Budget: \$5.6 million

Construction Start: January 2011

Completion: December 2011

Land acquisition; construction of a new, two-story, 40,500 GSF classroom building to serve as the Campus of Excellence for Multimedia and Innovation; and construction of a 300-space parking structure.

IPD Design/Build Team

NTD Architects

Legacy Builders

TB Penick & Sons



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Completed Design/Build Projects

Mesa College – Central Plant

Budget: \$5.5 million

Construction Start: March 2010

Completion: February 2011

The new Central Plant will provide heating and cooling for five buildings. New sub-grade hydronic piping extends from the facility to the western part of the campus.

Design Build Team

DEC Engineers

Mele Amantea Arch.

Jackson & Blanc



City College – Central Plant

Budget: \$8 million

Construction Start: December 2009

Completion: December 2011

The new Central Plant will distribute conditioned hydronic water to virtually the entire campus as well as provide new electrical switchgear for the campus.

Design Build Team

DEC Engineers

Mele Amantea Arch.

University Mechanical



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Design/Build Projects in Construction

City College Math & Social Sciences Bldg.

Project Budget: \$80.9 million (incl. land acquisition)

Expected Construction Start: January 2011

Targeted Completion: August 2012

Project involves land acquisition and construction of new 72,000 sq. ft. classroom and laboratory building. It will include the District's Corporate Education Center, Military Education, a Family Health Center and a six-story parking structure with 400+ stalls. On track for LEED Silver certification

Design/Build Team: Sundt, Roesling Nakamura Terada



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Design/Build Projects in Design

Miramar College – Science Building Expansion

Budget: \$31.7 million

Estimated Construction Start: Oct. 2012

Targeted Completion: Oct. 2013

The project includes a new 50,000 SF structure and removal of the existing Science Building restrooms on the first and second levels to provide a breezeway to the entrance of the new building.



The first level of includes classrooms and faculty offices. The second level includes teaching laboratories for chemistry, astronomy, geology, anatomy, marine biology, microbiology, physics, biology, and lab preparation rooms. The roof level includes a greenhouse and observatory.

Design/Build Team

Marlene Imirzian Architects

DPR Construction



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Design/Build Projects in Design

Mesa College – Social Behavioral Science Building

Budget: \$36.9 million

Expected Construction Start: January 2013

Targeted Completion: May 2014

The Social and Behavioral Sciences building will consist of approximately 66,000 gross square feet of new laboratories and classrooms for Behavioral Sciences and Social Sciences programs. The building will include Psychology Labs, Speech Labs and a museum of Anthropology.

Design/Build Team

Joseph Wong Design Associates

Swinerton Builders



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Hybrid Design/Build Projects in Construction

Miramar College Cafeteria/Bookstore and Student/Campus Center

Project Budget: \$34.5 million

Construction Start: January 2011

Targeted Completion: January 2013

New building will consist of approx. 45,000 SF of new construction to house a new cafeteria, bookstore and student services center. Hybrid MEP Design Build as part of CMMP Delivery.

CM: CW Driver

Architect: NTD Architecture

MEP Design/Build Teams:

Gould Electric, Michael Wall

Pacific Rim Mechanical, Xnth



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SDCCD Propositions S and N

Hybrid Design/Build Projects in Construction

Mesa College Math and Science Bldg.

Project Budget: \$117 million

Construction Start: June 2011

Targeted Completion: July 2013

New 200,000 GSF, four-story building will have classrooms, lecture rooms, labs for scientific experiments, computer labs, and faculty, staff and administrative support areas. Hybrid MEP Design Build as part of CMMP Delivery.

CM: McCarthy Building Companies

Architect: Delawie Wilkes Rodrigues Barker

Design/Build Teams

M/P: University Mechanical/Xnth

Glazing: Enclos Corp.

Pre-cast: Clark Pacific

Framing & Drywall: Standard Drywall, Inc.

Electric: Dynalectric/Xnth

