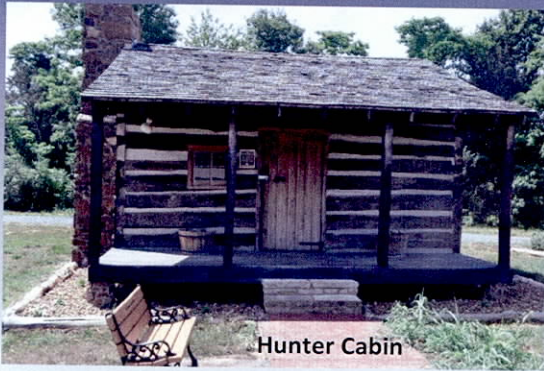
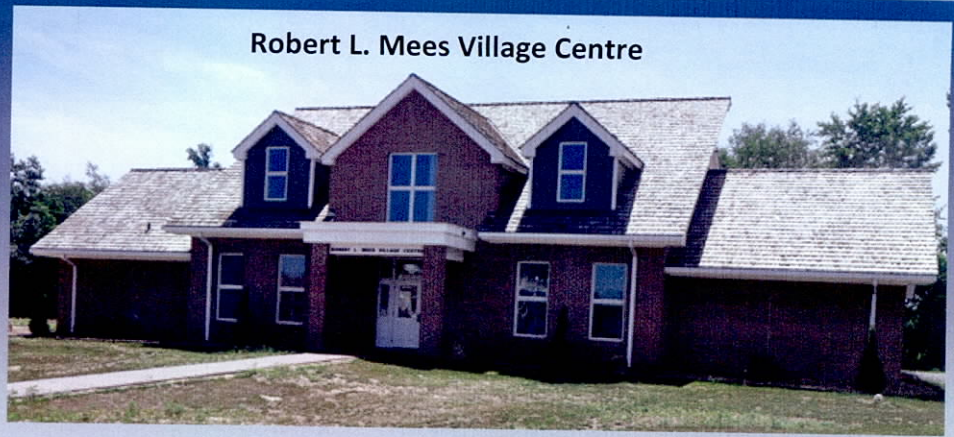


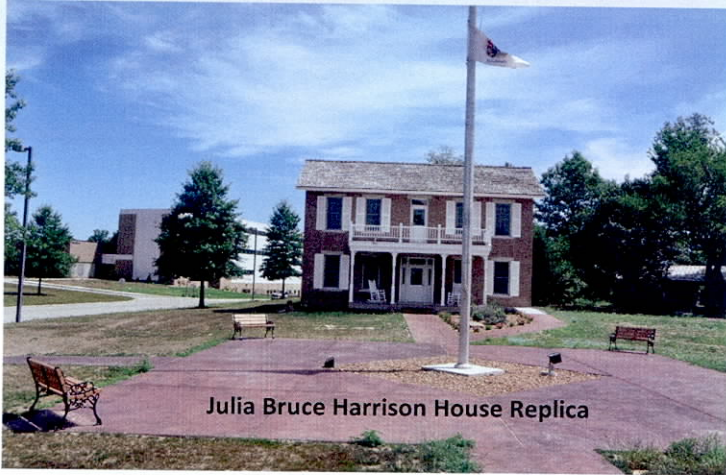
John A. Logan College
Historical Village



Hunter Cabin



Robert L. Mees Village Centre



Julia Bruce Harrison House Replica

Resource Allocation and
Management Plan
for
John A. Logan
College

District 530

Submitted to

Illinois Community College Board

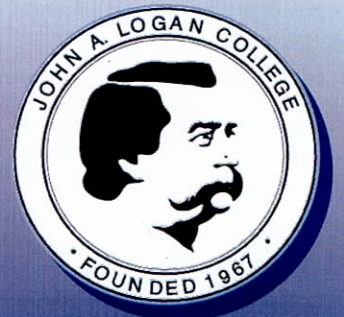
July 2012



Purdy School



Post Office and General Store



RESOURCE ALLOCATIONS AND MANAGEMENT PLAN

FOR

JOHN A. LOGAN COLLEGE

DISTRICT 530

JUNE 26, 2012

SUBMITTED TO


ILLINOIS COMMUNITY COLLEGE BOARD

BY

JOHN A. LOGAN COLLEGE


Chair, Board of Trustees


President, John A. Logan College


Coordinator, John A. Logan College

**JOHN A. LOGAN COLLEGE DISTRICT 530
RESOURCE ALLOCATION AND MANAGEMENT PLAN
FISCAL YEAR 2014**

TABLE OF CONTENTS

| | Page |
|--|-----------|
| COMMUNITY COLLEGE CONTACT FOR FURTHER INFORMATION | 1 |
| PRIORITY NUMBER ONE – NEW CAMPUS ENTRANCE - TIPPY ROAD | 2 |
| PRIORITY NUMBER TWO – PARKING LOT A AND ADJACENT ROADWAYS RESURFACING..... | 7 |
| PRIORITY NUMBER THREE – WORKFORCE AND DEVELOPMENT AND COMMUNITY EDUCATION BUILDING..... | 12 |
| PRIORITY NUMBER FOUR – RENOVATIONS OF STUDENT SERVICES..... | 22 |
| PRIORITY NUMBER FIVE – NEW PHYSICAL AND LIFE SCIENCE BUILDING..... | 29 |

Fiscal Year 2014 RAMP
Community College Capital Requests

COMMUNITY COLLEGE CONTACT FOR FURTHER INFORMATION

Occasionally it is necessary to contact the individual(s) responsible for completing the Capital RAMP tables in order to reconcile discrepancies or to obtain further information to clarify requested project(s). Please list the person responsible for the Capital RAMP submission in the space provided below who should be contacted for follow up inquiries. The individual below will be the person ICCB or IBHE contacts to answer questions concerning the Capital RAMP requests.

Community College District John A. Logan College

Budget Year Request FY 2014

Capital RAMP Contact Person Brad McCormick

Telephone Number 618-985-8340

PRIORITY NUMBER ONE

NEW CAMPUS ENTRANCE - TIPPY ROAD

PROGRAMMATIC JUSTIFICATION NARRATIVE

DISTRICT/COLLEGE: John A. Logan College District #530

PROJECT NAME: New Campus Entrance - Tippy Road Extension

A critical component of the College's future development is providing access to the presently undeveloped northeast portion of the campus. Access to this area is best accomplished by opening an old county roadway through this area that would connect to Tippy Road, located within the City of Carterville. Both the Illinois Department of Transportation (IDOT) and the City of Carterville have been included in development plans. This project would serve as an opportunity for three (3) areas of government to work together to accomplish something that is beneficial for the residents of all five (5) counties served by John A. Logan College. This project is included in the College's August 2010 Facility Master Plan.

Students, employees, and community residents have egress and ingress to the campus in a safer manner, while at the same time the College will add infrastructure and access to the northeast portion (approximately 40% of the campus property) of the campus. The project will also increase the speed at which the campus can be evacuated in the event of an emergency, while at the same time, making the campus more accessible to the community.

IDOT has begun modifications to Illinois Rt. 13 and those modifications will soon reach the road at the Illinois Rt. 13 and Division Street intersection adjacent to the College. Planned modifications include the elimination of eastern direct egress from the campus for legitimate safety related purposes. The College is concerned that without an additional outlet, such as is provided with this proposal, too much traffic will be forced to the only other available exit, further complicating the traffic flow. In a time when schools, colleges, and universities are improving emergency operation plans, the project provides great benefit as it pertains to emergency evacuation of the campus, as well as, the use of campus for emergency response to concerns outside the campus.

The cooperation and collaboration between the City of Carterville, IDOT, and John A. Logan College to fund and complete this project would be an example in the state. This is a critical part of the College's future plans. It is important the infrastructure gets established now, so the College has the capability to grow and respond to new opportunities.

SCOPE OF WORK NARRATIVE

DISTRICT/COLLEGE: John A. Logan College District #530

PROJECT NAME: New Campus Entrance - Tippy Road Extension

FULL NAME OF BUILDING (IF REMODELING): N/A

EXACT LOCATION (INCLUDING ADDRESS AND CITY):

John A. Logan College

700 Logan College Road

Carterville, IL 62918

The construction proposed for Tippy Road consists of a 28 foot wide pavement with curb and gutter each side and will include a bike/pedestrian path. The street is approximately 1,800 feet in length and will also have drainage work including a 60 foot precast concrete bridge. At the point the street merges with an existing parking lot, modifications to the lot will be required to allow passage of traffic through the lot. The parking spaces eliminated by the passageway will be replaced with an extension of the parking lot. The project will run from Mary Logan Drive, north and then east to the east property line.

BOARD OF TRUSTEES MATCHING FUNDS COMMITMENT

I hereby certify that the Board of Trustees John A. Logan College, District #530, meeting in their regular session on June 26, 2012, with a quorum present, officially authorized the submission of the attached Fiscal Year 2014 RAMP Community College Capital Project Request.

- I certify that the board reviewed and approved the attached programmatic justification, scope of work, and related forms for the project identified below.
- I further certify that board has made a commitment to either use available assets and/or credits, or to make local funds available for the project requested as indicated below, should the project be approved.

PROJECT NAME: New Campus Entrance - Tippy Road Extension

Proposed Source(s) of Local Funding

| | (List the Dollar Amount) |
|--|-----------------------------------|
| 1. Available Local Fund Balances | \$ _____ |
| 2. Protection, Health, and Safety Tax Levy | \$ _____ |
| 3. Protection, Health, and Safety Bond Proceeds | \$ _____ |
| 4. Other Debt Issue: March 17, 2007 | \$ <u> 335,300 </u> |
| 5. State Certified Construction Credits (remaining from 1987) | \$ _____ |
| 6. Other (Please specify) _____ | \$ _____ |
| TOTAL LOCAL MATCH | \$ <u> 335,300 </u> |

Signed _____
Chairperson of the Board of Trustees

Signed _____
Chief Executive Officer of the College District

BOARD OF TRUSTEES MATCHING FUNDS COMMITMENT

I hereby certify that the Board of Trustees John A. Logan College, District #530, meeting in their regular session on June 26, 2012, with a quorum present, officially authorized the submission of the attached Fiscal Year 2014 RAMP Community College Capital Project Request.

- I certify that the board reviewed and approved the attached programmatic justification, scope of work, and related forms for the project identified below.
- I further certify that board has made a commitment to either use available assets and/or credits, or to make local funds available for the project requested as indicated below, should the project be approved.

PROJECT NAME: New Campus Entrance - Tippy Road Extension

Proposed Source(s) of Local Funding

| | (List the Dollar Amount) |
|--|--------------------------|
| 1. Available Local Fund Balances | \$ _____ |
| 2. Protection, Health, and Safety Tax Levy | \$ _____ |
| 3. Protection, Health, and Safety Bond Proceeds | \$ _____ |
| 4. Other Debt Issue: March 17, 2007 | \$ <u>335,300</u> |
| 5. State Certified Construction Credits (remaining from 1987) | \$ _____ |
| 6. Other (Please specify) _____ | \$ _____ |
| TOTAL LOCAL MATCH | \$ <u>335,300</u> |

Signed 
Chairperson of the Board of Trustees

Signed 
Chief Executive Officer of the College District

**TABLE 1
FISCAL YEAR 2014 CAPITAL PROJECT REQUEST**

John A. Logan College District No. 530

New Campus Entrance - Tippy Road

Check one:
 (Complete Table 2)
 (Complete Table 2)
 (Complete Table 2 or provide additional information per instructions)

DISTRICT PRIORITY NUMBER 1 OUT OF 5

Check one:
 NEW REQUEST
 REQUESTED PREVIOUSLY

Dollars rounded to the nearest hundred (for example and per instructions enter \$1,456,789 as \$1,456.8)

| PROJECT CATEGORIES* BLDGs, ADDITIONS, AND/OR STRUCTURES LAND EQUIPMENT UTILITIES REMODELING & REHABILITATION SITE IMPROVEMENTS PLANNING TOTAL | PRIOR YEARS FUNDING* | | | CURRENT REQUEST FY | | | BEYOND CURRENT YEAR* | | | TOTAL PROJECT COST | | |
|---|----------------------|-------------|------------|--------------------|-------------|------------|----------------------|-------------|------------|--------------------|-------------|------------|
| | STATE FUNDS | LOCAL FUNDS | TOTAL COST | STATE FUNDS | LOCAL FUNDS | TOTAL COST | STATE FUNDS | LOCAL FUNDS | TOTAL COST | STATE FUNDS | LOCAL FUNDS | TOTAL COST |
| | | | | 1,005.9 | 335.3 | 1,341.1 | | | | 1,005.9 | 335.3 | 1,341.1 |
| | | | | 1,005.9 | 335.3 | 1,341.1 | | | | 1,005.9 | 335.3 | 1,341.1 |

* Describe prior year funding and/or future year funding in the scope statement section using the requested format. State funds should equal 75% of total and local funds should equal 25% of total. ICCB will adjust for credits

| | | | |
|---|----|------------|-------|
| TOTAL PROJECT REQUEST (CURRENT YEAR) | \$ | 1,341 | |
| TOTAL COMPLETED PROJECT COST | \$ | 1,341 | |
| DESIRED PROJECT START DATE | | 07/01/2013 | |
| ESTIMATED COMPLETION DATE | | 04/01/2014 | |
| ESTIMATED OCCUPANCY DATE | | 06/01/2014 | |
| ESTIMATED ANNUAL OPERATING COST | \$ | | |
| MATCHING CONTRIBUTION | \$ | | |
| (See item 10 in Section I of this Manual) | | | |
| LOCAL FINANCING SOURCE | | | |
| AVAILABLE FUND BALANCE | \$ | | |
| ICCB CONSTRUCTION CREDITS: | \$ | | |
| (if any) | | | |
| DEBT ISSUE | \$ | 335.3 | |
| DATE OF APPROVAL: | | 17-Mar-07 | |
| OTHER (please specify) | \$ | | |
| TOTAL | \$ | | 335.3 |

Site Improvement Summary

DISTRICT/COLLEGE: John A. Logan College District #530

PROJECT NAME: New Campus Entrance – Tippy Road Extension

| <u>Site Improvements:</u> | <u>Estimated Costs</u> |
|--|---------------------------|
| New Entrance Roadway | <u>\$982,422</u> |
| Base Cost | 982,422 |
| Escalation @ 2.70% per annum 12 months | <u>26,525</u> |
| Escalated Budget | 1,008,947 |
| Escalated Budget plus 10% Contingency | 1,109,842 |
| A/E Compensation @ 10.00% | 110,984 |
| Onsite Observation | |
| No. of Month <u>9</u> Days per Week <u>2</u> | 51,268 |
| Reimbursable Expenses | 10,784 |
| Testing | 21,567 |
| CDB CAF – 3% | 36,700 |
| Total Site Budget | <u>\$1,341,145</u> |

Source of Cost Estimate: Image Architects, Inc.

Date of Cost Estimate: June 13, 2011

Inflation Adjustment by VP for Business Services, Brad McCormick on June 20, 2012

PRIORITY NUMBER TWO

PARKING LOT A AND ADJACENT
ROADWAYS RESURFACING

PROGRAMMATIC JUSTIFICATION NARRATIVE

DISTRICT/COLLEGE: John A. Logan College District #530

PROJECT NAME: Parking Lot A and Adjacent Roadways Resurfacing

The existing Parking Lot "A" and adjacent roadways, primarily Mary Logan Drive, at John A. Logan College are the original asphalt-surfaced pavement and are more than 30 years old. The parking lot has numerous locations where "pumping" is beginning to occur. In addition, the drainage is virtually non-existent and the parking lot holds large amounts of water. There is cracking and surface degradation prevalent throughout, and the lot requires preservation overlay before further deterioration makes overlay impractical.

Lot "A" is the oldest of parking lots and is the lot most often used by the public. This parking lot presently provides 981 parking spaces and represents a significant portion of the total campus parking capacity.

SCOPE OF WORK NARRATIVE

DISTRICT/COLLEGE: John A. Logan College District #530

PROJECT NAME: Parking Lot A and Adjacent Roadways Resurfacing

FULL NAME OF BUILDING (IF REMODELING): N/A

EXACT LOCATION (INCLUDING ADDRESS AND CITY):

John A. Logan College

Parking Lot "A" (South lot) and Adjacent Roadways Resurfacing

700 Logan College Road

Carterville, IL 62918

The parking lot A will be resurfaced using concrete overlay, commonly referred to as "white topping" with a desired thickness of 3". This will require 4,200 square yards of concrete, which will be saw cut in sections no larger than 4 feet squares. Due to the present drainage problems, the campus desires to install pervious pavement in numerous locations to assist with the drainage problems and to prevent such large amounts of water entering the public waterways near the campus in the Crab Orchard National Wildlife Refuge.

BOARD OF TRUSTEES MATCHING FUNDS COMMITMENT

I hereby certify that the Board of Trustees John A. Logan College, District #530, meeting in their regular session on June 26, 2012, with a quorum present, officially authorized the submission of the attached Fiscal Year 2013 RAMP Community College Capital Project Request.

- I certify that the board reviewed and approved the attached programmatic justification, scope of work, and related forms for the project identified below.
- I further certify that board has made a commitment to either use available assets and/or credits, or to make local funds available for the project requested as indicated below, should the project be approved.

PROJECT NAME: Parking Lot "A" and Adjacent Roadways Resurfacing

Proposed Source(s) of Local Funding

| | (List the Dollar Amount) |
|--|--------------------------|
| 1. Available Local Fund Balances | \$ <u>275,600</u> |
| 2. Protection, Health, and Safety Tax Levy | \$ _____ |
| 3. Protection, Health, and Safety Bond Proceeds | \$ _____ |
| 4. Other Debt Issue | \$ _____ |
| 5. State Certified Construction Credits (remaining from 1987) | \$ _____ |
| 6. Other (Please specify) _____ | \$ _____ |
| TOTAL LOCAL MATCH | \$ <u>275,600</u> |

Signed 
Chairperson of the Board of Trustees

Signed 
Chief Executive Officer of the College District

Site Improvement Summary

DISTRICT/COLLEGE: John A. Logan College District #530

PROJECT NAME: Parking Lot A and Adjacent Roadways Resurfacing

| <u>Site Improvements:</u> | <u>Estimated Costs</u> |
|--|---------------------------|
| Resurface Parking Lot A & Adjacent Roadways | <u>\$843,917</u> |
| Base Cost | 843,917 |
| Escalation @ 2.70% per annum 10 months | <u>18,988</u> |
| Escalated Budget | 862,905 |
| Escalated Budget plus 10% Contingency | 949,196 |
| A/E Compensation @ 10.00% | 94,920 |
| Onsite Observation No. of Month <u>3</u> Days per Week <u>2</u> | 17,623 |
| Reimbursable Expenses | 4,211 |
| Testing | 5,238 |
| CDB CAF – 3% | <u>31,400</u> |
| Total Site Budget | <u>\$1,102,587</u> |

Source of Cost Estimate: Image Architects, Inc.

Date of Cost Estimate: June 13, 2011

Inflation Adjustment by VP Business Services, Brad McCormick on June 20, 2012

PRIORITY NUMBER THREE

WORKFORCE DEVELOPMENT AND
COMMUNITY EDUCATION BUILDING

PROGRAMMATIC JUSTIFICATION NARRATIVE

DISTRICT/COLLEGE: John A. Logan College District #530

PROJECT NAME: Workforce Development & Community Education Building

The Workforce Development and Community Education (WDCE) department at John A. Logan College plays a major role in maintaining local workforce competitiveness, assisting economic development groups in attracting new jobs, and providing for the lifelong learning needs of the citizens in the district. The WDCE department has grown from serving 21,000 students in fiscal year 2000 to serving 31,000. Additional facilities are urgently needed to accommodate this phenomenal growth.

Approximately twelve years ago, John A. Logan College created the WDCE department. The department was formed by consolidating several existing units of instruction and support programs. The units of Adult Basic/ Secondary Education/Literacy, Corporate Education, Continuing Education, and Workforce Investment Act programs have allowed the College to assist individuals in seeking employment, career advancement, job upgrading, new careers, occupational and leisure-oriented continuing education and/or basic education.

The expansive and diverse programming offered has caused space to become a premium asset. The existing facilities are fully scheduled, and additional growth for other vital programs is stymied due to the lack of space.

After extensive review, the College's Master Facility Planning Committee determined that construction on a new Workforce Development and Community Education Building should be considered a top priority. The College's Board of Trustees granted approval for the College's architectural firm to complete plans for a new facility. A site has been selected for the building with the majority of the space allocated for specialty classrooms and expansive, flexible space for training large groups.

SCOPE OF WORK NARRATIVE

DISTRICT/COLLEGE: John A. Logan College District #530

PROJECT NAME: Workforce Development & Community Education Building

FULL NAME OF BUILDING (IF REMODELING): N/A

EXACT LOCATION (INCLUDING ADDRESS AND CITY):

John A. Logan College
700 Logan College Road
Carterville, IL 62918

The New Workforce Development Building will add approximately 21,200 gross square feet of new space. This new space will allow the College, if approved for funding, to relocate and consolidate their current Workforce Development and Community Education spaces from several separate locations on campus. The new construction will provide space for:

- New classroom space
- Specially equipped laboratory space for customized training
- A new computer laboratory
- A large, flexible-use, multi-purpose space, with moveable walls, to be utilized for classroom space as well as large and small group meeting rooms
- A food service distribution space to allow for serving meeting and training attendees
- Office space for administrative and support staff
- Exhibition and student lounge space

General Building Conditions: This project will consist of a new ADA compliant, freestanding building of approximately 22,700 gross square feet. The proposed floor plan will be comprised of approximately 8,760 net square feet (nsf) of classroom space, 3,304 nsf of combined lab space, 856 nsf of administrative space, 1,156 nsf of student lounge and exhibition space and 384 nsf of support space. The new building will be slab on grade, steel frame construction. Interior finishes will be consistent with the remainder of the buildings on campus, typically consisting of carpet, vinyl composition tile and ceramic tile floors, painted gypsum board walls, high STC moveable walls, and acoustical tile ceilings. The exterior materials will continue the College's commitment to high durability and low maintenance, utilizing masonry and prefinished aluminum construction panels. The exterior façade will reflect the overall aesthetic of the campus.

Site Analysis: The new building will be located adjacent to the Automotive Technology Building and close to the Construction Management Building, in which Workforce Development is currently located. The site abuts an existing large parking lot, which will provide adequate parking for the facility. Site utilities run through or immediately adjacent to the proposed building and will be relocated and extended as necessary. A large open area is adjacent to the site and will be utilized for geothermal wells to provide heating and cooling for the building. The site is relatively flat, and drains to an existing pond adjacent to the building site. The pond will provide storm retention for the building and site runoff.

BOARD OF TRUSTEES MATCHING FUNDS COMMITMENT


I hereby certify that the Board of Trustees John A. Logan College, District #530, meeting in their regular session on June 26, 2012, with a quorum present, officially authorized the submission of the attached Fiscal Year 2014 RAMP Community College Capital Project Request.

- I certify that the board reviewed and approved the attached programmatic justification, scope of work, and related forms for the project identified below.
- I further certify that board has made a commitment to either use available assets and/or credits, or to make local funds available for the project requested as indicated below, should the project be approved.

PROJECT NAME: Workforce Development & Community Education Building

Proposed Source(s) of Local Funding

| | (List the Dollar Amount) |
|--|--------------------------|
| 1. Available Local Fund Balances | \$ _____ |
| 2. Protection, Health, and Safety Tax Levy | \$ _____ |
| 3. Protection, Health, and Safety Bond Proceeds | \$ _____ |
| 4. Other Debt Issue: Future Alternate Revenue Bonds | \$ <u>2,162,400</u> |
| 5. State Certified Construction Credits (remaining from 1987) | \$ _____ |
| 6. Other (Please specify) _____ | \$ _____ |
| TOTAL LOCAL MATCH | \$ <u>2,162,400</u> |

Signed 
Chairperson of the Board of Trustees

Signed 
Chief Executive Officer of the College District

**TABLE 1
FISCAL YEAR 2014 CAPITAL PROJECT REQUEST**

DISTRICT/COLLEGE:

PROJECT NAME AND/OR DESCRIPTION

Check one:

NEW FACILITIES CONSTRUCTION/ACQUISITION

REMODELING/REHABILITATION PROJECT

OTHER

X

(Complete Table 2)

(Complete Table 2)

(Complete Table 2 or provide additional information per instructions)

DISTRICT PRIORITY NUMBER

3

OUT OF

5

Check one:

NEW REQUEST

REQUESTED PREVIOUSLY

X

Dollars rounded to the nearest hundred (for example and per instructions enter \$1,456,789 as \$1,456.8)

| PROJECT CATEGORIES* | PRIOR YEARS FUNDING* | | | CURRENT REQUEST FY | | | BEYOND CURRENT YEAR* | | | TOTAL PROJECT COST | | |
|-------------------------------------|----------------------|----------------|----------------|--------------------|-------------|--------------|----------------------|-------------|--------------|--------------------|-------------|--------------|
| | STATE FUNDS | LOCAL FUNDS | TOTAL COST | STATE FUNDS | LOCAL FUNDS | TOTAL COST | STATE FUNDS | LOCAL FUNDS | TOTAL COST | STATE FUNDS | LOCAL FUNDS | TOTAL COST |
| BLDGs, ADDITIONS, AND/OR STRUCTURES | 6,143.7 | 2,047.9 | 8,191.5 | 131.3 | 43.8 | 175.0 | 109.7 | 36.6 | 146.2 | 102.6 | 34.2 | 136.9 |
| EQUIPMENT | | | | | | | | | | | | |
| UTILITIES | | | | | | | | | | | | |
| REMODELING & REHABILITATION | | | | | | | | | | | | |
| SITE IMPROVEMENTS | | | | | | | | | | | | |
| PLANNING | | | | | | | | | | | | |
| TOTAL | 6,487.3 | 2,162.4 | 8,649.7 | 131.3 | 43.8 | 175.0 | 109.7 | 36.6 | 146.2 | 102.6 | 34.2 | 136.9 |

* Describe prior year funding and/or future year funding in the scope statement section using the requested format.

State funds should equal 75% of total and local funds should equal 25% of total. ICCB will adjust for credits

| | | | |
|---|----|------------|--|
| TOTAL PROJECT REQUEST (CURRENT YEAR) | \$ | 8,649.7 | |
| TOTAL COMPLETED PROJECT COST | \$ | 8,649.7 | |
| DESIRED PROJECT START DATE | | 07/01/2013 | |
| ESTIMATED COMPLETION DATE | | 10/01/2014 | |
| ESTIMATED OCCUPANCY DATE | | 12/01/2014 | |
| ESTIMATED ANNUAL OPERATING COST | \$ | \$149.6 | |
| MATCHING CONTRIBUTION | \$ | | |
| (See item 10 in Section I of this Manual) | | | |
| LOCAL FINANCING SOURCE | | | |
| AVAILABLE FUND BALANCE | \$ | | |
| ICCB CONSTRUCTION CREDITS | \$ | | |
| (if any) | | | |
| DEBT ISSUE | \$ | \$2,162.4 | |
| DATE OF APPROVAL: | | | |
| Future Alternate Rev Bond | | | |
| OTHER (please specify) | \$ | | |
| TOTAL | \$ | \$2,162.4 | |

**TABLE 2
FY 2014 SUMMARY OF REQUESTED SPACE AND/OR ACREAGE**

| Space Type | FICM Codes | PART A | | | PART B | |
|--------------------------------------|--------------|-----------------------------------|---------------------------------------|------------------------------|--|--|
| | | REQUEST FOR NEW FACILITIES | NET ASSIGNABLE SQUARE FOOTAGE SUMMARY | REDISTRIBUTION OF NASF SPACE | ACREAGE SUMMARY (Land Acquisition) | Number of Acres Requested in Budget Year |
| | | Net Assignable Square Feet (NASF) | Space Prior to Remodeling | Space After Remodeling | | |
| Classrooms | 110 thru 115 | 8,760 | | | 1 Landscaped Ground | |
| Laboratory | 210 thru 255 | 3,304 | | | 2 Physical Education and Athletic Fields | |
| Office | 310 thru 355 | 856 | | | 3 Buildings and Attached Structures | |
| Study | 410 thru 455 | | | | 4 Experimental Plots | |
| Special Use | 510 thru 590 | | | | 5 Other Instructional Areas | |
| General Use: Assembly and Exhibition | 610 thru 625 | 1,156 | | | 6 Parking Lots | |
| Other General Use | 630 thru 685 | | | | 7 Roadways | |
| Support Facilities | 710 thru 765 | 384 | | | 8 Pond Retention and Drainage | |
| Health Care | 810 thru 895 | | | | 9 Other (specify) | |
| Unclassified | | | | | Total Assigned Area | |
| | | | | | Currently Unassigned | |
| | | | | | Total Acres | |
| TOTAL NASF # | | 14,460 | | | | |
| TOTAL GSF* # | | 22,671 | | | | |

*Gross Square Feet

**TABLE 3
FY 2014 BUILDING BUDGET ESTIMATION FORM**

District/College John A. Logan College District No. 530
Location Carterville, IL
Project Name Workforce Development & Community Education Building

(cost column rounded to the nearest hundred)

| Space Type | NASF | Multiplier | GSF | \$/GSF | Cost |
|---|--------------------|--------------------------|----------------------|--------------------|-----------|
| <i>input field</i> | <i>input field</i> | <i>input field</i> | <i>formula field</i> | <i>input field</i> | |
| Classroom | 8760 | 1.50 | 13140 | 252.76 | \$3,321.3 |
| Instructional Lab (Dry) | 1008 | 1.64 | 1653 | 322.58 | \$533.3 |
| Instructional Lab (Wet) | 2296 | 1.64 | 3765 | 299.42 | \$1,127.4 |
| Offices | 856 | 1.70 | 1455 | 261.66 | \$380.8 |
| General Use | 1156 | 1.90 | 2196 | 302.12 | \$663.6 |
| Support Facilities | 384 | 1.20 | 461 | 236.06 | \$108.8 |
| | | | | | |
| 1. Base Total | 14460 | | 22671 | | \$6,135.1 |
| 2. Added Costs (sum of added cost components identified separately below) | | | | | \$368.1 |
| LEED design cost up to 6% of line 1 | | | | | \$368.1 |
| Green Building Design/LEED Certification Level | Silver | (Silver, Gold, Platinum) | | | |
| Other added costs: | | | | | |
| 3. Base Cost | 14460 | | 22671 | | \$6,503.2 |
| 4. Escalation (estimate of cost increase from the time of appropriation to the bid date --assumes appropriation is received at July 1, 2013) | | | | | \$175.6 |
| Expected Bid Date: July 1, 2014 | | | | 12 | |
| Annual Percentage (Allowable per annum inflation) from regional rate tables | | | | 0.027 | |
| (Enter annual rate as a decimal; i.e. 2.7% as .027 is the statewide rate) | | | | | |
| (inflation rate and number of months to bid are estimates and for purposes of calculating estimated costs will be standardized at 12 months to bid) | | | | | |
| 5. Escalated Building Budget (Line 3 plus Line 4) | | | | | \$6,678.8 |
| 6. Escalated Building Budget Plus 10% Contingency (Line 5 multiplied by 1.10) | | | | | \$7,346.7 |
| 7. Adds: | | | | | |
| a. A/E Fees 0.08 % (use rate in E45 unless justification for another rate) | | | | | \$587.7 |
| b. On-Site Observation Number of Months 15 Days per Week 1.25 | | | | | |
| c. Reimbursable Expenses | | | | | |
| d. Art in Architecture one-half of one percent (Multiply Line 6 by .005) | | | | | \$36.7 |
| e. Other Adds 3% CDB (ADA, Asbestos, CDB 3% Admin Fee, etc. specify) | | | | | \$220.4 |
| f. Sub-total Adds (Lines 7a through 7e) | | | | | \$844.9 |
| 8. Total Building Budget (Line 6 plus Line 7f) | | | | | \$8,191.5 |
| OTHER: | | | | | |
| Estimate of Annual State Supported Operations and Maintenance Expense | | | | | \$149.6 |

Source of Cost Estimate: Image Architects Inc.
Date of Cost Estimate: June 13, 2011
Updated by Brad McCormick, VP for Business Services using CDB multipliers and rates on 6/25/2012.

**TABLE 4
FY 2014 MOVEABLE EQUIPMENT LIST**

District/College: John A. Logan College District No. 530
Project Name: *Workforce Development & Community Education Building*

(cost column rounded to the nearest dollar--please round the grand total equipment cost to the nearest hundred when you transfer to table 1)

| Programmatic Unit | Room Use Classification | Name of Equipment | Number of Units | Cost per Unit | Estimated Total Cost | |
|--|--------------------------------------|------------------------------|------------------------|----------------------|-----------------------------|-----|
| Workforce Development | Lobby | Guest Chairs | 36 | 236 | 8,496 | |
| | | Tables | 12 | 100 | 1,200 | |
| | Multi Purpose 4 Rooms | Tables (18 x 72) | 77 | 100 | 7,700 | |
| | | Round Tables | 29 | 100 | 2,900 | |
| | | Upholstered Stackable Chairs | 100 | 100 | 10,000 | |
| | | Visual Presenter | 4 | 1,722 | 6,888 | |
| | Storage Kitchen | LCD Projector | 4 | 1,450 | 5,800 | |
| | | Lecturn | 4 | 1,255 | 5,020 | |
| | | Computers | 4 | 1,200 | 4,800 | |
| | | Refrigerator | 2 | 600 | 1,200 | |
| | | Dishwasher | 1 | 245 | 245 | |
| | Lab | Microwave | Microwave | 2 | 300 | 600 |
| | | | Tables | 3 | 100 | 300 |
| 72" Tables | | 4 | 126 | 504 | | |
| Upholstered Stackable Chairs | | 20 | 100 | 2,000 | | |
| LCD Projector | | 1 | 1,722 | 1,722 | | |
| Lecturn | | 1 | 1,255 | 1,255 | | |
| Computer | | 1 | 1,200 | 1,200 | | |
| Sub Total Equipment Costs | Laser Printer | 1 | 800 | 800 | | |
| | Computers | 21 | 1,200 | 25,200 | | |
| | Computer Chairs | 21 | 100 | 2,100 | | |
| | Computer Table 72" W for 2 computers | 10 | 939 | 9,390 | | |
| Sub Total Equipment Costs | | | | | 99,320 | |
| Grand Total Equipment Costs (this number should be included on the equipment line of table 1) | | | | | 175,049 | |

**TABLE 4
FY 2014 MOVEABLE EQUIPMENT LIST**

District/College: John A. Logan College District No. 530
Project Name: *Workforce Development & Community Education Building*

(cost column rounded to the nearest dollar--please round the grand total equipment cost to the nearest hundred when you transfer to table 1)

| Programmatic Unit | Room Use Classification | Name of Equipment | Number of Units | Cost per Unit | Estimated Total Cost |
|----------------------------------|--------------------------------|------------------------------|------------------------|----------------------|-----------------------------|
| Workforce Development | Lab | Laser Printer | 1 | 800 | 800 |
| | | LCD Projector | 1 | 1,450 | 1,450 |
| | | Visual Presenter | 1 | 1,722 | 1,722 |
| | | Lectern | 1 | 1,255 | 1,255 |
| Workforce Development | Classrooms (6) | Tables (18 x 72) | 42 | 100 | 4,200 |
| | | Upholstered Stackable Chairs | 105 | 100 | 10,500 |
| | | LCD Projector | 6 | 1,450 | 8,700 |
| | | Visual Presenter | 6 | 1,722 | 10,332 |
| | | Lectern | 6 | 1,255 | 7,530 |
| | | Computer | 6 | 1,200 | 7,200 |
| | | SIMMAN | 1 | 10,000 | 10,000 |
| | | Desks | 4 | 560 | 2,240 |
| | | Desk Chairs | 4 | 300 | 1,200 |
| | | Side Chairs | 8 | 150 | 1,200 |
| Workforce Development | Offices (4) | 4-Drawer File Cabinet | 4 | 300 | 1,200 |
| | | Hutch Cabinet | 4 | 250 | 1,000 |
| | | Bookshelves | 8 | 300 | 2,400 |
| | | Computer | 1 | 1,200 | 1,200 |
| | | Storage Cabinets | 4 | 400 | 1,600 |
| | | | | | |
| Sub Total Equipment Costs | | | | | 75,729 |

Site Improvement Summary

DISTRICT/COLLEGE: John A. Logan College District #530

PROJECT NAME: Workforce Development & Community Education Building

| <u>Site Improvements</u> | <u>Estimated Cost</u> |
|---------------------------------------|-----------------------|
| Sidewalks & Public Space | <u>107,506</u> |
| Base Cost | 107,506 |
| Escalation @ 2.7% | <u>4,506</u> |
| Escalated Budget | 112,012 |
| Escalated Budget plus 10% Contingency | 123,300 |
| A/E Compensation @ 8.00% | 9,864 |
| CDB CAF - 3% | <u>3,699</u> |
| Total Site Improvements Budget | 136,863 |

Source of Cost Estimate: Image Architects, Inc.

Date of Cost Estimate: June 13, 2011

Updated on June 24, 2012 by VP for Business Services, Brad McCormick using CDB cost inflators.

Utility Summary

DISTRICT/COLLEGE: John A. Logan College District #530
PROJECT NAME: Workforce Development & Community Education Building

| <u>Utilities</u> | <u>Estimated Cost</u> |
|---------------------------------------|-----------------------|
| Water & Sewer | 52,891 |
| Gas | 21,156 |
| Electrical | 42,312 |
| <hr/> | |
| Base Cost | 116,359 |
| Escalation @ 2.7% | 3,142 |
| <hr/> | |
| Escalated Budget | 119,501 |
| Escalated Budget plus 10% Contingency | 131,451 |
| A/E Compensation @ 8.00% | 10,6516 |
| CDB CAF - 3% | 4,259 |
| <hr/> | |
| Total Utilities Budget | 146,226 |

Source of Cost Estimate: Image Architects, Inc.
 Date of Cost Estimate: June 13, 2011
 Updated by Brad McCormick, VP for Business Services using CDB multipliers and rates on 6/25/2012.

PRIORITY NUMBER FOUR
RENOVATIONS OF STUDENT SERVICES

PROGRAMMATIC JUSTIFICATION NARRATIVE

DISTRICT/COLLEGE: John A. Logan College District #530

PROJECT NAME: Renovations of Student Services

John A. Logan College is the fastest growing community college in the state of Illinois between 2005 and 2009. That increase brought many issues associated with the larger student traffic flow. The Student Services Department has occupied the same space for over 28 years and has outgrown the area. In addition the department has and will be adding additional services (Veterans Center, ManTraCon, Write Place, Biology Help room) to the area.

The proposed renovations provide additional and properly designed office, meeting/conference, and facility space for Student Services. The Student Services area has the potential of being a high growth and high traffic area for the next few years. The 26,979 square feet portion of the renovation provides offices, testing areas, tutoring areas, waiting area, and administrative staff spaces to support the college.

Currently the entire area is located along both sides of a long hallway giving the perspective of a closed-in linear space. The renovation would incorporate design items opening up the area giving it more spatial flow and efficient work areas. Students would enter the space met by a central greeting area, then move to specific areas for appointments and information dissemination.

Within the area would be the Admissions Office, Financial Aid, Student Success, Veterans, Placement and Career Planning, Assessment, Advisement, Tutoring, ManTraCon, the Bursar's Office, Math Help room, Biology Help room, and the Write Place. Presently some of these areas are located in various parts of the campus in offices remote from the Student Services area and inadequate in size to provide proper and confidential services to students. The move to this location will consolidate these offices into one area.

SCOPE OF WORK NARRATIVE

DISTRICT/COLLEGE: John A. Logan College District #530

PROJECT NAME: Renovations of Student Services

FULL NAME OF BUILDING (IF REMODELING): C-Wing

EXACT LOCATION (INCLUDING ADDRESS AND CITY):

John A. Logan College

700 Logan College Road

Carterville, IL 62918

The current Student Services occupies approximately 27,000 gross square feet (gsf) of space on the second floor of the original campus building, with approximately 17,000 of this being net square feet (nsf). This project will completely remodel this area along with an additional 2,000 gsf of existing space located immediately adjacent on the east side. The spaces currently in use for Student Success, Assessment, Financial Aid, Admissions and Records, Advisement, Veterans, and Placement have been occupied and rearranged as these services have expanded, without major renovation work to facilitate efficient space use and flow and provide for all spaces to be ADA compliant. With the exception of mechanical rooms, elevator, and stairs located within the boundaries of the proposed remodeling work, all interior partitions, floor coverings, ceilings, and plumbing, hvac, electrical and communication systems will be completely removed and new installed.

The net area for the programs will increase to approximately 18,900 nsf (27,000 gsf) and provide space for the following:

- Office and office service space for the above departments, along with space for the Dean and assistant
- Classroom space for scheduled general, writing and math tutoring
- Laboratory space for biology tutoring

General Building Conditions: This project will consist of total removal of all interior finishes, finishes and building systems, with the exception of those mechanical and circulation spaces listed above. New functionally efficient plans will be designed and constructed for each department. Interior finishes will be carpet, vinyl composition tile and ceramic floor coverings, painted gypsum board walls, and suspended acoustical ceilings. Acoustics will have special consideration due to privacy concerns while providing services to prospective and current students. Existing toilets will be demolished and new toilets provided to meet the Illinois Plumbing Code. The existing mechanical systems are original to the building (more than 30 years old) and will be replaced, including distribution systems, with proper zoning and controls. New power, lighting and communications systems will be provided.

Space allocated for classrooms and laboratory will remain unchanged, although the individual spaces will change in size to better accommodate their respective function and space needs. Office and office service space will increase by 1,850 nsf to 16,800 nsf. Current circulation space, which consists of a wide double-loaded corridor running through the length of the area and small dedicated corridors within each department, will be significantly reduced, as the area will no longer serve as a throughway to other parts of campus.

No exterior façade work or site work will be a part of this project.

BOARD OF TRUSTEES MATCHING FUNDS COMMITMENT

I hereby certify that the Board of Trustees John A. Logan College, District #530, meeting in their regular session on June 26, 2012, with a quorum present, officially authorized the submission of the attached Fiscal Year 2014 RAMP Community College Capital Project Request.

- I certify that the board reviewed and approved the attached programmatic justification, scope of work, and related forms for the project identified below.
- I further certify that board has made a commitment to either use available assets and/or credits, or to make local funds available for the project requested as indicated below, should the project be approved.

PROJECT NAME: Renovations of Student Services

Proposed Source(s) of Local Funding

| | (List the Dollar Amount) |
|--|--------------------------|
| 1. Available Local Fund Balances | \$ _____ |
| 2. Protection, Health, and Safety Tax Levy | \$ _____ |
| 3. Protection, Health, and Safety Bond Proceeds | \$ _____ |
| 4. Other Debt Issue: Future Alternate Revenue Bonds | \$ <u>1,267,800</u> |
| 5. State Certified Construction Credits (Remaining from 1987) | \$ _____ |
| 6. Other (Please specify) _____ | \$ _____ |
| TOTAL LOCAL MATCH | \$ <u>1,267,800</u> |

Signed 
Chairperson of the Board of Trustees

Signed 
Chief Executive Officer of the College District

**TABLE 1
FISCAL YEAR 2014 CAPITAL PROJECT REQUEST**

DISTRICT/COLLEGE: John A. Logan College District No. 530

PROJECT NAME AND/OR DESCRIPTION: Renovations of Student Services

Check one: (Complete Table 2) NEW FACILITIES CONSTRUCTION/ACQUISITION
 (Complete Table 2) REMODELING/REHABILITATION PROJECT
 (Complete Table 2 or provide additional information per instructions) OTHER

DISTRICT PRIORITY NUMBER: 4 OUT OF: 5
 Check one: NEW REQUEST
 REQUESTED PREVIOUSLY

Dollars rounded to the nearest hundred (for example and per instructions enter \$1,456,789 as \$1,456.8)

| PROJECT CATEGORIES* | PRIOR YEARS FUNDING* | | | CURRENT REQUEST FY | | | BEYOND CURRENT YEAR* | | | TOTAL PROJECT COST | | |
|-------------------------------------|----------------------|-------------|------------|--------------------|----------------|----------------|----------------------|-------------|------------|--------------------|----------------|----------------|
| | STATE FUNDS | LOCAL FUNDS | TOTAL COST | STATE FUNDS | LOCAL FUNDS | TOTAL COST | STATE FUNDS | LOCAL FUNDS | TOTAL COST | STATE FUNDS | LOCAL FUNDS | TOTAL COST |
| BLDGS, ADDITIONS, AND/OR STRUCTURES | | | | 105.0 | 35.0 | 140.0 | | | | 105.0 | 35.0 | 140.0 |
| LAND | | | | | | | | | | | | |
| EQUIPMENT | | | | | | | | | | | | |
| UTILITIES | | | | | | | | | | | | |
| REMODELING & REHABILITATION | | | | 3,698.5 | 1,232.8 | 4,931.4 | | | | 3,698.5 | 1,232.8 | 4,931.4 |
| SITE IMPROVEMENTS | | | | | | | | | | | | |
| PLANNING | | | | | | | | | | | | |
| TOTAL | | | | 3,803.5 | 1,267.8 | 5,071.4 | | | | 3,803.5 | 1,267.8 | 5,071.4 |

* Describe prior year funding and/or future year funding in the scope statement section using the requested format. State funds should equal 75% of total and local funds should equal 25% of total. ICCB will adjust for credits

| | | | | | |
|--------------------------------------|----|------------|---|----|------------------|
| TOTAL PROJECT REQUEST (CURRENT YEAR) | \$ | 5,071.4 | MATCHING CONTRIBUTION | \$ | |
| TOTAL COMPLETED PROJECT COST | \$ | 5,071.4 | (See item 10 in Section I of this Manual) | | |
| DESIRED PROJECT START DATE | | 01/01/2014 | LOCAL FINANCING SOURCE | | |
| ESTIMATED COMPLETION DATE | | 10/01/2014 | AVAILABLE FUND BALANCE | \$ | |
| ESTIMATED OCCUPANCY DATE | | 01/01/2015 | ICCB CONSTRUCTION CREDITS | \$ | 1,267.8 |
| ESTIMATED ANNUAL OPERATING COST | \$ | 183.5 | DEBT ISSUE (if any) | | |
| | | | DATE OF APPROVAL: Future Alternate Revenue Bond | | |
| | | | OTHER (please specify) | \$ | |
| | | | TOTAL | | \$1,267.8 |

**TABLE 2
FY 2014 SUMMARY OF REQUESTED SPACE AND/OR ACREAGE**

| Space Type | FICM Codes | PART A | | | PART B | | | | | | | | | |
|--|------------------------------|---------------------------------------|------------------------------|--|---------------------------------------|--|-----------------------------|----------------|------------|-------------------------------|-------------------|---------------------|----------------------|-------------|
| | | NET ASSIGNABLE SQUARE FOOTAGE SUMMARY | | | ACREAGE SUMMARY (Land Acquisition) | | | | | | | | | |
| | | REQUEST FOR NEW FACILITIES | REDISTRIBUTION OF NASF SPACE | Number of Acres Requested in Budget Year | 1 Landscaped Ground | 2 Physical Education and Athletic Fields | | | | | | | | |
| | | Net Assignable Square Feet (NASF) | Space Prior to Remodeling | Space After Remodeling | 3 Buildings and Attached Structures | 4 Experimental Plots | 5 Other Instructional Areas | 6 Parking Lots | 7 Roadways | 8 Pond Retention and Drainage | 9 Other (specify) | Total Assigned Area | Currently Unassigned | Total Acres |
| Classrooms | 110 thru 115 | | 1,682 | | 1,400 | | | | | | | | | |
| Laboratory | 210 thru 255 | | 324 | | 672 | | | | | | | | | |
| Office | 310 thru 355 | | 14,975 | | 16,822 | | | | | | | | | |
| Study | 410 thru 455 | | | | | | | | | | | | | |
| Special Use | 510 thru 590 | | | | | | | | | | | | | |
| General Use: Assembly and Exhibition Other General Use | 610 thru 625 630 thru 685 | | | | | | | | | | | | | |
| Support Facilities | 710 thru 765 | | | | | | | | | | | | | |
| Health Care | 810 thru 895 | | | | | | | | | | | | | |
| Unclassified | | | | | | | | | | | | | | |
| TOTAL NASF # | | | 16,981 | | 18,894 | | | | | | | | | |
| TOTAL GSF* # | | | 26,979 | | 26,979 | | | | | | | | | |

*Gross Square Feet

**TABLE 3
FY 2014 BUILDING BUDGET ESTIMATION FORM**

District/College John A. Logan College District No. 530
Location Carterville, Illinois
Project Name Renovations of Student Services

(cost column rounded to the nearest hundred)

| Space Type | NASF | Multiplier Factor | GSF | \$/GSF | Cost |
|-------------------------|--------------------|--------------------|----------------------|--------------------|-----------|
| <i>input field</i> | <i>input field</i> | <i>input field</i> | <i>formula field</i> | <i>input field</i> | |
| Classroom | 1400 | 1.20 | 1680 | \$135.56 | \$227.7 |
| Instructional Lab (Dry) | 672 | 1.35 | 907 | \$162.27 | \$147.2 |
| Offices | 16822 | 1.45 | 24392 | \$135.56 | \$3,306.7 |

| | | | | | |
|---|-------|--------|--------------------------|-------|-----------|
| 1. Base Total | 18894 | | 26979 | | \$3,681.6 |
| 2. Added Costs (sum of added cost components identified separately below) | | | | | \$220.9 |
| LEED design cost up to 6% of line 1 | | | | | |
| Green Building Design/LEED Certification Level | | Silver | (Silver, Gold, Platinum) | | |
| Other added costs: | | | | | |
| 3. Base Cost | 18894 | | 26979 | | \$3,902.5 |
| 4. Escalation (estimate of cost increase from the time of appropriation to the bid date --assumes appropriation is received at July 1, 2013). | | | | | \$52.7 |
| Expected Bid Date: <u>January 1, 2014</u> Number of Months to Bid Date: <u>6</u> | | | | | |
| Annual Percentage (Allowable per annum inflation) from regional rate tables | | | | 0.027 | |
| (Enter annual rate as a decimal; i.e. 2.7% as .027 is the statewide rate) | | | | | |
| (inflation rate and number of months to bid are estimates and for purposes of calculating estimated costs will be standardized at 12 months to bid) | | | | | |
| 5. Escalated Building Budget (Line 3 plus Line 4) | | | | | \$3,955.2 |
| 6. Escalated Building Budget Plus 10% Contingency (Line 5 multiplied by 1.10) | | | | | \$4,350.7 |
| 7. Adds: | | | | | |
| a. A/E Fees 0.08 % (use rate in E45 unless justification for another rate) | | | | | \$348.1 |
| b. On-Site Observation Number of Months 9 Days per Week 1.5 | | | | | \$38.6 |
| c. Reimbursable Expenses | | | | | \$43.1 |
| d. Art in Architecture one-half of one percent (Multiply Line 6 by .005) | | | | | \$21.8 |
| e. Other Adds 3% CDB (ADA, Asbestos, CDB 3% Admin Fee, etc. specify) | | | | | \$129.1 |
| f. Sub-total Adds (Lines 7a through 7e) | | | | | \$580.7 |
| 8. Total Building Budget (Line 6 plus Line 7f) | | | | | \$4,931.4 |
| OTHER: Estimate of Annual State Supported Operations and Maintenance Expense | | | | | \$183.5 |

Source of Cost Estimate: Image Architects Inc.
Date of Cost Estimate: June 13, 2011
Estimate updated by Brad McCormick on June 25, 2012 using CDB recommended cost escalator per gsf.

TABLE 4
FY 2014 MOVEABLE EQUIPMENT LIST

District/College: John A. Logan College District No. 530
Project Name: Renovations of Student Services

| Programmatic Unit | Room Use Classification | Name of Equipment | Number of Units | Cost per Unit | Estimated Total Cost |
|---|-------------------------|-------------------|-----------------|---------------|----------------------|
| Admissions | Student Services | Desks | 10 | | |
| | | Chairs | 20 | | 14,000 |
| Assessment | Student Services | Desks | 6 | | |
| | | Chairs | 18 | | |
| Financial Aid | Student Services | Testing Labs | 60 | | 20,000 |
| | | Desks | 12 | | |
| | | Chairs | 30 | | |
| | | Tables | 6 | | 22,000 |
| | | Desks | 10 | | |
| Student Success | Student Services | Chairs | 30 | | |
| | | Desks | 10 | | |
| | | Chairs | 30 | | |
| Veterans | Student Services | Tutoring Lab | 30 | | |
| | | Tutoring Tables | 10 | | 22,000 |
| | | Desks | 4 | | |
| | | Chairs | 10 | | 14,000 |
| Planning/Placement | Student Services | Desks | 5 | | |
| | | Chairs | 19 | | 14,000 |
| | | Desks | 7 | | |
| Advisement | Student Services | Chairs | 33 | | 14,000 |
| | | Desks | 2 | | |
| | | Chairs | 6 | | 5,000 |
| Dean | Student Services | Desks | 1 | | |
| | | Chairs | 2 | | 5,000 |
| Information Kiosk | Student Services | Chairs | 60 | | 10,000 |
| | | Tables | 8 | | |
| Grand Total Equipment Costs (this number should be included on the equipment line of table 1) | | | | | \$140,000 |

PRIORITY NUMBER FIVE

NEW PHYSICAL AND LIFE
SCIENCE BUILDING

PROGRAMMATIC JUSTIFICATION NARRATIVE

DISTRICT/COLLEGE: John A. Logan College District #530

PROJECT NAME: New Physical & Life Science Building

The field of biogeotechnology is at a crossroads where the path to high-tech solutions meets the path to expanding applications and jobs in biogeotechnology. Biogeotechnicians are poised to expand their roles and lead in finding solutions for modern Earth systems problems, global water supply, emission-free energy supply, urban systems and healthcare. These emerging technologies to prepare our students to enter these disciplines at John A. Logan College can be best addressed by having all lab sciences in one building.

Much of the adaptation and transfer knowledge must occur across disciplines, which is best accomplished when interdisciplinary courses and faculty are in proximity to each other. In addition, as the college develops a culture of undergraduate research, collaboration among science disciplines will be vital to long-term success. Expanding laboratory capabilities and opportunities, information technologies as well as addressing infrastructure needs can be best accomplished in this type of scenario with one structure to serve the sciences to meet the rapid expansion of nanotechnology, biotechnology, geotechnology, environmental issues and information technology.

There are numerous other opportunities that placing these lab sciences together will then offer to other programs on campus once their current locations are vacated. All allied health programs on campus will have an opportunity to expand into the vacated space. A major focus of a program that needs to expand to better meet the needs of our community will be nursing. The nursing program then would have the available classroom space as well as labs to meet the needs of program expansions. Allowing room for nursing to expand is complimented by a recent agreement with Southern Illinois Healthcare Systems (SIHS), the dominant healthcare provider in Southern Illinois. This agreement will result in the completion of 6,000 gsf of space on campus for the centralizing of SIHS nursing training services for all fourteen (14) of their sites. Our nursing program will benefit by the proximity of this newly centralized training program for our region's largest employer of nurses.

Relocation of physical science office space will provide a centralized location for career and technical education (CTE) administrative offices. CTE grants provide the College with more than \$800,000 in grant funds annually. Expansion of these programs is vital to meeting community needs. Additional health care programs who could utilize the additional space in the G-wing would be the Medical Assisting program, Emergency Medical Services, Sonography and other programs that could be developed such as Physician Assistant.

This BioGeoTech facility would incorporate energy savings and green technology under one roof and would be a showcase of a learning center for sustainability. Additional partnerships could be formed with our local high schools and the large home schooled population in our district to host environmental science workshops, science fairs and programs, recruitment and special events.

SCOPE OF WORK NARRATIVE

DISTRICT/COLLEGE: John A. Logan College District #530
PROJECT NAME: New Physical & Life Science Building

FULL NAME OF BUILDING (IF REMODELING): _____

EXACT LOCATION (INCLUDING ADDRESS AND CITY):

John A. Logan College
700 Logan College Road
Carterville, IL 62918

The new Physical and Life Science Building will add approximately 64,950 gross square feet of new space. This new space will allow the College, if approved for funding, to relocate and expand their Physical and Life Sciences programs, which in turn will open space in their current locations for expansion of other programs. The new construction will provide space for:

- New classroom space
- Specially equipped wet and dry laboratory spaces for customized training
- Office space for administrative and support staff
- An instructional greenhouse
- Student commons and activity areas
- Long term shared storage for both the Physical Science and Life Science programs

General Building Conditions: This project will consist of a new ADA compliant, freestanding two story building of approximately 73,069 gross square feet. The two programs will each occupy their own floor, with shared common spaces interspersed between the two floors. The floor plans will be comprised of approximately 9,240 net square feet (nsf) of classroom space, 24,366 nsf of combined laboratory space and dedicated service areas, 5,132 nsf of administrative space, 3,000 nsf of general use (student lounge and activity) space and 1,500 nsf of support (shared long term storage) space. The new building will be slab on grade, steel frame construction. Interior finishes will be consistent with the remainder of the buildings on campus, typically consisting of carpet, vinyl composition tile and ceramic tile floors, painted gypsum board walls, and acoustical tile ceilings. The exterior materials will continue the College's commitment to high durability and low maintenance, utilizing masonry and prefinished aluminum construction panels. The exterior façade will reflect the overall aesthetic of the campus.

Site Analysis: The new building will be located on the northeast side of campus in the area that will become available for construction as a result of the extension of Tippy Road into the John A. Logan campus. This new campus entrance is currently a high priority project in the Campus Master Plan. As this area has not yet been developed, new utilities will be extended to the proposed building site. Additionally, there is no parking currently available and a new 530 space parking lot will be required. There is adjacent open space to install geothermal wells to heat and cool the building. The new facility will be constructed on high ground, with adjacent storm water retention to control runoff from the building, parking lot and adjacent grounds.

BOARD OF TRUSTEES MATCHING FUNDS COMMITMENT

I hereby certify that the Board of Trustees John A. Logan College, District #530, meeting in their regular session on June 26, 2012, with a quorum present, officially authorized the submission of the attached Fiscal Year 2014 RAMP Community College Capital Project Request.

- I certify that the board reviewed and approved the attached programmatic justification, scope of work, and related forms for the project identified below.
- I further certify that board has made a commitment to either use available assets and/or credits, or to make local funds available for the project requested as indicated below, should the project be approved.

PROJECT NAME: New Physical & Life Science Building

Proposed Source(s) of Local Funding

| | (List the Dollar Amount) |
|--|--------------------------|
| 1. Available Local Fund Balances | \$ _____ |
| 2. Protection, Health, and Safety Tax Levy | \$ _____ |
| 3. Protection, Health, and Safety Bond Proceeds | \$ _____ |
| 4. Other Debt Issue: Future Bond Issue | \$ <u>9,238,600</u> |
| 5. State Certified Construction Credits (remaining from 1987) | \$ _____ |
| 6. Other (Please specify) _____ | \$ _____ |
| TOTAL LOCAL MATCH | \$ <u>9,238,600</u> |

Signed 
Chairperson of the Board of Trustees

Signed 
Chief Executive Officer of the College District

**TABLE 1
FISCAL YEAR 2014 CAPITAL PROJECT REQUEST**

DISTRICT/COLLEGE: John A. Logan College District No. 530
New Physical & Life Science Building

PROJECT NAME AND/OR DESCRIPTION
Check one:
NEW FACILITIES CONSTRUCTION/ACQUISITION
REMODELING/REHABILITATION PROJECT
OTHER

X (Complete Table 2)
(Complete Table 2)
(Complete Table 2 or provide additional information per instructions)

DISTRICT PRIORITY NUMBER 5 OUT OF 5
Check one:
NEW REQUEST
REQUESTED PREVIOUSLY

Dollars rounded to the nearest hundred (for example and per instructions enter \$1,456,789 as \$1,456.8)

| PROJECT CATEGORIES* | PRIOR YEARS FUNDING* | | | CURRENT REQUEST FY | | | BEYOND CURRENT YEAR* | | | TOTAL PROJECT COST | | |
|--------------------------------------|----------------------|-------------|------------|--------------------|-------------|------------|----------------------|-------------|------------|--------------------|-------------|------------|
| | STATE FUNDS | LOCAL FUNDS | TOTAL COST | STATE FUNDS | LOCAL FUNDS | TOTAL COST | STATE FUNDS | LOCAL FUNDS | TOTAL COST | STATE FUNDS | LOCAL FUNDS | TOTAL COST |
| BLDGS., ADDITIONS, AND/OR STRUCTURES | | | | 22,707.1 | 7,569.0 | 30,276.2 | | | | 22,707.1 | 7,569.0 | 30,276.2 |
| EQUIPMENT | | | | 2,059.6 | 686.5 | 2,746.2 | | | | 2,059.6 | 686.5 | 2,746.2 |
| UTILITIES | | | | 885.7 | 295.2 | 1,180.9 | | | | 885.7 | 295.2 | 1,180.9 |
| REMODELING & REHABILITATION | | | | | | | | | | | | |
| SITE IMPROVEMENTS | | | | 2,063.3 | 687.8 | 2,751.0 | | | | 2,063.3 | 687.8 | 2,751.0 |
| PLANNING | | | | | | | | | | | | |
| TOTAL | | | | 27,715.7 | 9,238.6 | 36,954.3 | | | | 27,715.7 | 9,238.6 | 36,954.3 |

* Describe prior year funding and/or future year funding in the scope statement section using the requested format.
State funds should equal 75% of total and local funds should equal 25% of total. ICCB will adjust for credits

| | | | | | |
|--------------------------------------|----|------------|---|----|------------------|
| TOTAL PROJECT REQUEST (CURRENT YEAR) | \$ | 36,954 | MATCHING CONTRIBUTION | \$ | |
| TOTAL COMPLETED PROJECT COST | \$ | 36,954 | (See item 10 in Section I of this Manual) | | |
| DESIRED PROJECT START DATE | | 07/01/2015 | LOCAL FINANCING SOURCE | | |
| ESTIMATED COMPLETION DATE | | 07/01/2017 | AVAILABLE FUND BALANCE | \$ | |
| ESTIMATED OCCUPANCY DATE | | 08/01/2017 | ICCB CONSTRUCTION CREDITS \$ | | \$9,238.6 |
| ESTIMATED ANNUAL OPERATING COST | \$ | \$474.9 | DEBT ISSUE (if any) | | |
| | | | DATE OF APPROVAL: Future Bond Issue | | |
| | | | OTHER (please specify) | \$ | |
| | | | TOTAL | | \$9,238.6 |

**TABLE 2
FY 2014 SUMMARY OF REQUESTED SPACE AND/OR ACREAGE**

| Space Type | FICM Codes | PART A | | PART B | |
|--|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---|
| | | NET ASSIGNABLE SQUARE FOOTAGE SUMMARY | ACREAGE SUMMARY (Land Acquisition) | REDISTRIBUTION OF NASF SPACE | Number of Acres Requested in Budget Year |
| | | REQUEST FOR NEW FACILITIES | | | |
| | | Net Assignable Square Feet (NASF) | Space Prior to Remodeling | Space After Remodeling | |
| Classrooms | 110 thru 115 | 9,240 | | | 1 Landscaped Ground |
| Laboratory | 210 thru 255 | 24,366 | | | 2 Physical Education and Athletic Fields |
| Office | 310 thru 355 | 5,132 | | | 3 Buildings and Attached Structures |
| Study | 410 thru 455 | | | | 4 Experimental Plots |
| Special Use | 510 thru 590 | 1,680 | | | 5 Other Instructional Areas |
| General Use: Assembly and Exhibition Other General Use | 610 thru 625 630 thru 685 | 3,000 | | | 6 Parking Lots |
| Support Facilities | 710 thru 765 | 1,500 | | | 7 Roadways |
| Health Care | 810 thru 895 | | | | 8 Pond Retention and Drainage |
| Unclassified | | | | | 9 Other (specify) |
| | | | | | Total Assigned Area |
| | | | | | Currently Unassigned |
| | | | | | Total Acres |
| TOTAL NASF # | | 44,918 | | | |
| TOTAL GSF* # | | 73,069 | | | |

*Gross Square Feet

**TABLE 3
FY 2014 BUILDING BUDGET ESTIMATION FORM**

District/College John A. Logan College District No. 530
Location Carterville, Illinois
Project Name New Physical & Life Science Building

(cost column rounded to the nearest hundred)

| Space Type <i>input field</i> | Multiplier | | GSF <i>formula field</i> | \$/GSF <i>input field</i> | Cost |
|--|----------------------------|------------------------------|-----------------------------|------------------------------|------------|
| | NASF <i>input field</i> | Factor <i>input field</i> | | | |
| Classroom | 9240 | 1.50 | 13860 | 252.76 | \$3,503.3 |
| Instructional Lab (Dry) | 400 | 1.64 | 656 | 283.15 | \$185.7 |
| Instructional Lab (Wet) | 23966 | 1.64 | 39304 | 299.42 | \$11,768.5 |
| Offices | 5132 | 1.70 | 8724 | 261.66 | \$2,282.8 |
| Special Use | 1680 | 1.80 | 3024 | 252.88 | \$764.7 |
| General Use | 3000 | 1.90 | 5700 | 302.12 | \$1,722.1 |
| Support Facilities | 1500 | 1.20 | 1800 | 236.06 | \$424.9 |
| 1. Base Total | 44918 | | 73069 | | \$20,652.0 |
| 2. Added Costs (sum of added cost components identified separately below) | | | | | \$1,755.4 |
| LEED design cost up to 6% of line 1 | | | | | \$1,239.1 |
| Green Building Design/LEED Certification Level | | Gold | (Silver, Gold, Platinum) | | |
| Other added costs: Seismic Design | 2.50% | | | | \$516.3 |
| 3. Base Cost | 44918 | | 73068.64 | | \$22,407.4 |
| 4. Escalation (estimate of cost increase from the time of appropriation to the bid date --assumes appropriation is received at July 1, 2013). Expected Bid Date: July 1, 2015 Number of Months to Bid Date: 36 Annual Percentage (Allowable per annum inflation) from regional rate tables 0.027 (Enter annual rate as a decimal; i.e. 2.7% as .027 is the statewide rate) (inflation rate and number of months to bid are estimates and for purposes of calculating estimated costs will be standardized at 12 months to bid) | | | | | \$1,815.0 |
| 5. Escalated Building Budget (Line 3 plus Line 4) | | | | | \$24,222.4 |
| 6. Escalated Building Budget Plus 10% Contingency (Line 5 multiplied by 1.10) | | | | | \$26,644.7 |
| 7. Adds: | | | | | |
| a. A/E Fees 0.08 % (use rate in E45 unless justification for another rate) | | | | | \$2,131.6 |
| b. On-Site Observation Number of Months 24 Days per Week 3 | | | | | \$190.1 |
| c. Reimbursable Expenses | | | | | \$386.0 |
| d. Art in Architecture one-half of one percent (Multiply Line 6 by .005) | | | | | \$133.2 |
| e. Other Adds 3% CDB Admin (ADA, Asbestos, CDB 3% Admin Fee, etc. specify) | | | | | \$790.6 |
| f. Sub-total Adds (Lines 7a through 7e) | | | | | \$3,631.5 |
| 8. Total Building Budget (Line 6 plus Line 7f) | | | | | \$30,276.2 |
| OTHER: Estimate of Annual State Supported Operations and Maintenance Expense | | | | | \$474.9 |

Source of Cost Estimate: Image Architects, Inc.
Date of Cost Estimate: June 13, 2011
Updated by Brad McCormick, VP for Business Services & College Facilities on June 25, 2012 using CDB multipliers and cost estimates.

**TABLE 4
FY 2014 MOVEABLE EQUIPMENT LIST**

| District/College: Project Name: | Programmatic Unit | Room Use Classification | Name of Equipment | Number of Units | Cost per Unit | Estimated Total Cost | |
|--|----------------------|--|---|--|------------------|-------------------------|---------|
| John A. Logan College District No. 530 <i>New Physical & Life Science Building</i> | Physical Science | 5 Labs/Lecture Rooms | Smart Technology with 24 chairs & 8 tables, gas, air & sink island for each table, Instructor's demo table with gas, air, sink, and computer, back counter with storage cabinets, 2 full-sized fume hood, 1 in 2 labs | | | 180,000 | |
| | | | 2 Storage Rooms | Eight storage shelving units, 4 prep tables, and counter with sink, gas, and air | | | 8,000 |
| | | | 2 Labs | Instructor's demo table with gas, air, sink, and computer, 48 lab stools, 5 full-sized fume hoods, counters & drawers to accommodate 8 sections at each lab, sink, gas, air, and vacuum for each station, 3 shower & eyewash stations, dishwasher for prep room, wet counters in prep room with gas, air, & vac, for individual student fume hoods for each lab (32 total), wood cabinetry for chemistry labs, stockroom, and weighing room, prep tables with drawers, water distillation system, goggle storage and sanitizing cabinets (2), chemical waste storage cabinets (Flammables cabinet) | | | 400,000 |
| Computer Science | 2 Labs | 50 desktop computer stations with table & chairs (8), Smart technology Instructor's desk/table with computer; printer table, 8 Instructor's chairs | | | | | |
| | | 1 ten inch computerized telescope with permanent pier ,mounting, imagine equip for scope, 20 student astronomical binoculars, rooftop enclosure (dome) for telescope, demonstration seizmograph with display case, and and rock slab saw, rock specimen grinder, 2 Petrographic trinocular microscopes, microvideo system for microscopes, 6 trinocular stereomicroscopes, mobile microscope storage cabinet, water and soil test kits and meters, environmental sampling equipment, map, and chart cabinet, WeatherHawk wireless weather system, tables, chairs, and benches, display cabinets, for student commons area, 4 display cabinets for general placement and reception area | | | | 165,000 | |
| Sub Total Equipment Costs | | | | | | 753,000 | |
| Grand Total Equipment Costs (this number should be included on the equipment line of table 1) | | | | | | 2,746,192 | |

**TABLE 4
FY 2014 MOVEABLE EQUIPMENT LIST**

**District/College:
Project Name:**

**John A. Logan College District No. 530
New Physical & Life Science Building**

| Programmatic Unit | Room Use Classification | Name of Equipment | Number of Units | Cost per Unit | Estimated Total Cost | |
|--------------------------------------|--------------------------------|--|---|----------------------|-----------------------------|--------|
| Life Science | 5 Lecture Rooms | Smart Technology | 5 | 10,000 | 50,000 | |
| | | Desks | 120 | 188 | 22,500 | |
| | | ADA Accessible Table | 5 | 200 | 1,000 | |
| | | Instructors Table with gas, air, sink, computer & A | 5 | 5,000 | 25,000 | |
| | | Counter with storage cabinets | 5 | 10,000 | 50,000 | |
| | Microbiology | 2 Labs Instructional | Display Case | 5 | 1,500 | 7,500 |
| | | | Microscope/imaging equip in each for demonstratic | 5 | 2,000 | 10,000 |
| | | | Wet lab benches with epoxy or stainless tops with gas, air, elect, & vac-2 ADA Accessible | 16 | 2,000 | 32,000 |
| | | | Adjustable Stools with backs | 50 | 108 | 5,375 |
| | | | Instructors Table with gas, air, sink, computer & shut off controls | 2 | 1,750 | 3,500 |
| | | Smart Technology | 2 | 5,000 | 10,000 | |
| | | Base & Wall cabinets | | | 9,000 | |
| | | Foot pedal controlled hand washing sinks for multiple students | | | 4,260 | |
| | | Refrigerators | 8 | 375 | 3,000 | |
| | | Dual faced fume hood with sterilization capabilities | 2 | 2,950 | 5,900 | |
| | | Controlled access autoclaves | 4 | 4,000 | 16,000 | |
| | | Compound microscopes plus storage cabinets | 52 | 750 | 39,000 | |
| | | Chemical shower/eyewash station | 2 | 1,000 | 2,000 | |
| | | Storage & sterilization for safety glasses | | | 625 | |
| | | Storage for lab coats & aprons | | | 100 | |
| Glove dispenser | | | 30 | | | |
| H ₂ O Distillation system | | | 5,000 | | | |
| Sub Total Equipment Costs | | | | | 301,790 | |

**TABLE 4
FY 2014 MOVEABLE EQUIPMENT LIST**

**District/College:
Project Name:**

**John A. Logan College District No. 530
New Physical & Life Science Building**

| Programmatic Unit | Room Use Classification | Name of Equipment | Number of Units | Cost per Unit | Estimated Total Cost |
|----------------------------------|--------------------------------|---|------------------------|----------------------|-----------------------------|
| Microbiology | 2 Labs Instructional | Shaker H ₂ O baths | 4 | 1,225 | 4,900 |
| | | CO ₂ generator incubators | 4 | 6,250 | 25,000 |
| | | Shaker Incubators | 4 | 6,000 | 24,000 |
| | | Glassware, Bunsen burners, Strikers, general microbiology instruments | | | 5,000 |
| | | Hot-plate/stirrers | 4 | 250 | 1,000 |
| | | Pipettors | 20 | 100 | 2,000 |
| | | Various Models | | | 16,000 |
| | | Dissecting scope & storage cabinet | 26 | 1,577 | 41,000 |
| | | Imaging equipment for scopes | | | 2,000 |
| | | Thermo cyclers | 8 | 1,250 | 10,000 |
| General Biology | 2 Labs Instructional | Wet lab benches with epoxy or stainless tops with gas, air, elect, & vacuum-2 ADA Accessible Adjustable Stools with backs | 16 | 4,000 | 64,000 |
| | | Instructors Table with gas, air, sink, computer & shut off controls | 50 | 215 | 10,750 |
| | | Smart Technology | 2 | 4,000 | 8,000 |
| | | Base & Wall Cabinets | 2 | 10,000 | 20,000 |
| | | Storage Cabinets | | | 18,000 |
| | | Specimen Cabinets | | | 16,000 |
| | | Eyewash station/Chemical Shower | 2 | 2,000 | 6,000 |
| | | Dual Sided Fume Hood | 2 | 9,000 | 4,000 |
| | | Compound light microscopes | 52 | 1,385 | 18,000 |
| | | Storage Cabinets for microscopes | | | 72,000 |
| Sub Total Equipment Costs | | Climatron | 2 | 4,500 | 4,000 |
| | | Models | 2 | 12,000 | 9,000 |
| | | Chemical Storage | 2 | 3,000 | 24,000 |
| | | | | | 6,000 |
| Sub Total Equipment Costs | | | | | 410,650 |

**TABLE 4
FY 2014 MOVEABLE EQUIPMENT LIST**

**District/College:
Project Name:**

**John A. Logan College District No. 530
New Physical & Life Science Building**

| Programmatic Unit | Room Use Classification | Name of Equipment | Number of Units | Cost per Unit | Estimated Total Cost |
|----------------------------------|--------------------------------|---|------------------------|----------------------|-----------------------------|
| General Biology | 2 Labs | Hot-plate/stirrers | 4 | 500 | 2,000 |
| | | Safety Glasses storage & sterilization | 2 | 625 | 1,250 |
| | Instructional | Lab coat & apron storage | 2 | 100 | 200 |
| | | Demo Microscope | 2 | 2,500 | 5,000 |
| | | Imaging equipment for microscopes | 2 | 2,000 | 4,000 |
| | | Dissection equipment | 2 | 2,500 | 5,000 |
| | | Hand washing sinks | 2 | 2,000 | 4,000 |
| | | Electrophoresis equipment | 2 | 8,500 | 17,000 |
| | | Wood base cabinets with electricity, H ₂ O Baths | 2 | 9,000 | 18,000 |
| | | General Biology equipment | 6 | 467 | 2,800 |
| Anatomy & Physiology | 2 Labs | Lab benches with epoxy or stainless tops with electricity-2 ADA Accessible | 2 | 5,000 | 10,000 |
| | | Adjustable Stools with backs | 16 | 2,250 | 36,000 |
| | Instructional | Instructors Table with H ₂ O, gas, air, sink, electricity & computer | 50 | 215 | 10,750 |
| | | Smart Technology | 2 | 4,000 | 8,000 |
| | | Base & Wall cabinets | 2 | 10,000 | 20,000 |
| | | Specimen storage for 10 sections @ 12 each for lab-wheeled system | 2 | 9,000 | 18,000 |
| | | Hand washing sinks | 20 | 2,400 | 48,000 |
| | | Models | 2 | 2,000 | 4,000 |
| | | Safety Glasses storage & sterilization | 2 | 10,000 | 20,000 |
| | | Eyewash station/Chemical Shower | 2 | 625 | 1,250 |
| Lab coat & apron storage | 2 | 2,000 | 4,000 | | |
| | | | 2 | 100 | 200 |
| Sub Total Equipment Costs | | | | | 239,450 |

**TABLE 4
FY 2014 MOVEABLE EQUIPMENT LIST**

**John A. Logan College District No. 530
New Physical & Life Science Building**

**District/College:
Project Name:**

| Programmatic Unit | Room Use Classification | Name of Equipment | Number of Units | Cost per Unit | Estimated Total Cost |
|---|--------------------------------|---|------------------------|------------------------------------|-----------------------------|
| Anatomy & Physiology | 2 Labs Instructional | Compound Light Microscopes | 52 | 1,500 | 78,000 |
| | | Storage cabinets for microscopes | 52 | 100 | 5,200 |
| | | H ₂ O Baths | 6 | 467 | 2,802 |
| | | Lab coat & apron storage | 2 | 100 | 200 |
| | | Demo Microscope | 2 | 2,500 | 5,000 |
| | | Imaging equipment for microscopes | 2 | 2,000 | 4,000 |
| | | Dissection equipment | 2 | 2,500 | 5,000 |
| | | Hand washing sinks | 2 | 2,000 | 4,000 |
| | | Electrophoresis equipment | 2 | 8,500 | 17,000 |
| | | Wood base cabinets with electricity, | 2 | 9,000 | 18,000 |
| | | H ₂ O Baths | 6 | 467 | 2,800 |
| | | Skeltons & Storage lockers | 2 | 15,000 | 30,000 |
| | | Base cabinet with sink, with H ₂ O, electricity and garbage disposal | 2 | 16,000 | 32,000 |
| | | Biotech Instrument | Classroom | General anatomy & physiology equip | 2 |
| Tissue culture hoods | 2 | | | 9,000 | 18,000 |
| Spectrophotometers | 4 | | | 3,500 | 14,000 |
| French Press | 1 | | | 5,000 | 5,000 |
| Floor & Wall cabinets with H ₂ O, electricity, gas and sinks | 2 | | | 9,000 | 18,000 |
| Laminar Flow Hood | 1 | | | 20,000 | 20,000 |
| H ₂ O Baths | 1 | | | 10,000 | 10,000 |
| Shaker | 3 | | | 4,667 | 14,000 |
| Incubator | 1 | | | 2,400 | 2,400 |
| Digital inverted fluorescent microscopes | 1 | | | 12,000 | 12,000 |
| ELISA, electrophoresis, readers/analyzers | 2 | | | 13,000 | 26,000 |
| Thermocycler & other Biotech Instruments | 1 | | | 49,000 | 49,000 |
| | 1 | | | 49,000 | 49,000 |
| Sub Total Equipment Costs | | | | | 465,402 |

**TABLE 4
FY 2014 MOVEABLE EQUIPMENT LIST**

District/College:
Project Name:

John A. Logan College District No. 530
New Physical & Life Science Building

| Programmatic Unit | Room Use Classification | Name of Equipment | Number of Units | Cost per Unit | Estimated Total Cost |
|---------------------------|-------------------------|---|-----------------|---------------|----------------------|
| | Prep/Storage | Adjustable height tables | 8 | 1,000 | 8,000 |
| | | Flammables Cabinets | 1 | 2,000 | 2,000 |
| | | Acid and Corrosives cabinet | 1 | 2,500 | 2,500 |
| | | General Chemical storage cabinets | 1 | 8,000 | 8,000 |
| | | Stainless steel rolling carts | 12 | 1,000 | 12,000 |
| | | Refrigerators | 2 | 2,500 | 5,000 |
| | | Dishwasher | 1 | 5,000 | 5,000 |
| | | Autoclaves with plumbed H ₂ O & drain | 4 | 30,000 | 120,000 |
| | | Incubators | 4 | 6,000 | 24,000 |
| | | Computer Stations | 4 | 2,000 | 8,000 |
| | | Base & Wall cabinets | 1 | 25,000 | 25,000 |
| | | Fume Hoods | 2 | 12,000 | 24,000 |
| | | H ₂ O distillation systems | 1 | 5,000 | 5,000 |
| | | Reverse osmosis system | 1 | 5,000 | 5,000 |
| | | Cold Storage | 1 | 12,000 | 12,000 |
| | | Gas, vacuum, & air for work tops | 1 | 2,000 | 2,000 |
| | | Deep sinks and sprayer arms | 1 | 3,200 | 3,200 |
| | | Oven for dry sterilization | 1 | 3,000 | 3,000 |
| | | Glassware and equipment cabinets | 1 | 15,000 | 15,000 |
| | | Ice maker | 1 | 4,000 | 4,000 |
| | | File cabinets | 1 | 2,500 | 2,500 |
| | | Bookcase for reference material | 1 | 2,000 | 2,000 |
| | | Lab balances, shakers, hot plates/stirrers | 1 | 20,000 | 20,000 |
| | | Portable omputer labs with related hardware & software programs | 2 | 10,000 | 20,000 |
| | | Irrigation equipment | 52 | 1,231 | 64,000 |
| Life Science | Greenhouse | | 1 | 18,000 | 18,000 |
| | Special Use | CO ₂ Generator | 1 | 2,000 | 2,000 |
| Sub Total Equipment Costs | | | | | 421,200 |

**TABLE 4
FY 2014 MOVEABLE EQUIPMENT LIST**

District/College: John A. Logan College District No. 530
Project Name: New Physical & Life Science Building

| Programmatic Unit | Room Use Classification | Name of Equipment | Number of Units | Cost per Unit | Estimated Total Cost |
|---------------------------|-----------------------------|-----------------------------------|-----------------|---------------|----------------------|
| Life Science | Greenhouse Special Use | Hydroponic set up and equipment | 1 | 22,000 | 22,000 |
| | | Various Plant racks | | | 30,000 |
| | | Carts | 8 | 250 | 2,000 |
| | | Various Bins for soils and mixing | | | 2,000 |
| | | Work & demonstration benches | | | 10,000 |
| | | Planters | 4 | 550 | 2,200 |
| | | Chemical Storage (Lockable) | | | 2,500 |
| | | Desks | 10 | 1,500 | 15,000 |
| | | Chairs | 10 | 450 | 4,500 |
| | | File Cabinets | 10 | 700 | 7,000 |
| Life Science | | Book Shelves | 10 | 1,000 | 10,000 |
| | | Computer | 10 | 1,500 | 15,000 |
| | | Printer | 10 | 300 | 3,000 |
| | | Bulletin Boards | 10 | 800 | 8,000 |
| | | Office Supplies | 10 | 300 | 3,000 |
| | | Cabinets | 10 | 700 | 7,000 |
| | | Washer/Dryer | 1 | 2,000 | 2,000 |
| | | Cabinets | 1 | 7,000 | 7,000 |
| | | Sink | 1 | 500 | 500 |
| | | Refrigerator | 1 | 1,000 | 1,000 |
| Life Science | Laundry Room/ Break Room | Microwave | 1 | 200 | 200 |
| | | Chairs | 6 | 100 | 600 |
| | | Table | 1 | 200 | 200 |
| | | | | | |
| Sub Total Equipment Costs | | | | | 154,700 |

Site Improvement Summary

DISTRICT/COLLEGE: John A. Logan College District #530
PROJECT NAME: New Physical & Life Science Building

| Site Improvements | Estimated Costs |
|---------------------------------------|--------------------|
| Sidewalks & Public Spaces | 132,278 |
| Parking & Drives | 1,962,289 |
| Base Cost | 2,094,567 |
| Escalation @ 2.70% | 169,660 |
| Escalated Budget | 2,264,226 |
| Escalated Budget plus 10% Contingency | 2,490,649 |
| A/E Compensation @ 8.00% | 181,138 |
| Art-In-Architecture | 11,321 |
| CDB CAF - 3% | 67,927 |
| Total Site Improvements Budget | 2,751,035 |

Source of Cost Estimate: Image Architects, Inc.
 Date of Cost Estimate: June 13, 2011
 Updated by Brad McCormick, VP for Business Services using CDB multipliers and rates 6/25/2012.

Utility Summary

DISTRICT/COLLEGE: John A. Logan College District #530
PROJECT NAME: New Physical & Life Science Building

| <u>Utilities</u> | <u>Estimated Costs</u> |
|---------------------------------------|----------------------------|
| Site Utilities | 899,139 |
| <hr/> | |
| Base Cost | 899,139 |
| Escalation @ 2.70% | 72,830 |
| <hr/> | |
| Escalated Budget | 971,969 |
| | |
| Escalated Budget plus 10% Contingency | 1,069,166 |
| A/E Compensation @ % 8.00% | 77,757 |
| Art-In-Architecture | 4,860 |
| CDB CAF - 3% | 29,159 |
| <hr/> | |
| Total Utilities Budget | 1,180,942 |

Source of Cost Estimate: Image Architects, Inc.
 Date of Cost Estimate: June 13, 2011
 Updated by Brad McCormick, VP for Business Services using CDB multipliers and rates 6/25/2012.

