Nevada System of Higher Education

2023-25 Capital Improvement Project Requests

Board of Regents

May 25, 2022

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NSHE 2023-25 CIP Recommended Rankings

Ranking	Title	State Funds being requested	Notes
1	Additional Capital Construction Funding for Higher Education	$ 50,000,000	Funding will be used in a manner consistent with the allowable uses of the Capital Construction fund for Higher Education and the Special Capital Construction Fund for Higher Education. NRS 463.385 allows these funds to be expended for planning, acquiring, and developing a site, construction, reconstruction, furnishing, equipping, replacing, repairing, rehabilitating, expanding, and remodeling. Historically, NSHE received $15 million each biennium for deferred maintenance: $10 million from state funds and $5 million from the SHECC fund. This has covered a small percentage of deferred maintenance project needs of all institutions. The projects continue to accumulate, and we have estimated the current priority one projects is ~$91.7 million. In addition to the HECC/SHECC funding, NSHE is respectfully requesting an additional $50 million for deferred maintenance projects.
2	NSC - Academic Village Project (container/modular development)	$ 21,300,000	According to the FY19-20 Space Utilization Report, Nevada State needs more than three times the amount of student study space. Current tutoring space, for example, is limited to a small glass enclosure in the college Library. This project was ranked 3rd by the Board of Regents for the 2021 session. Despite this, it was the only project in the top 4 that did not receive legislative funding. The Academic Village Project at Nevada State seeks to combine ingenuity and affordability to address this critical lack of student study facilities. The proposal is to use high-end, durable, modular construction with a cost of less than 40% of traditional construction. This type of construction is best delivered as a design-build project, with total project schedule in as little as 6 months. It is also scalable to add to the facility as future needs dictate with only minimal site costs. The Academic Village will be intentionally designed to add to the attractive current campus buildout. The College will match approximately 10% of this project. Yet, because of the affordable nature of this type of construction, this is still a very good value for the State.
3	GBC - Pahrump Valley Campus Planning Project	$ 2,000,000	This is a request that has been presented in prior sessions also. Great Basin College received approximately 280 acres of land from the BLM to develop a campus in Pahrump (Nye County) in December 2016. GBC has 10 years to develop a campus or the land reverts back to BLM. We are now approximately half way through that time frame. This new campus allows great opportunities for collaboration with all NSHE institutions. This planning project provides for infrastructure, master plan and design of the first two buildings. The most recent estimate for this project is $2.3M, with $2M in state funds and $300K from the institution. The institution has the $300K in matching funds available for this project.
4	WNC - Fernley Advanced Technology Training Center	$ 4,000,000	WNC has not received funding for a new building project in decades. $4M request is to purchase a building in Fernley and develop the Fernley Advanced Technical Training Center to develop our underserved population and provide workforce training opportunities to employers located in the Tahoe Reno Industrial Complex. Funding would consist of $4M in State funds, $4M in donor funds (committed) and $4M EDA grant (submitted). Please see the attached Case of Support for the full project details.

Ranking	Title	State Funds being requested	Notes
5	DRI - Deferred Maintenance Chiller Replacement	$ 960,000	The Northern Nevada Science Center Central Plant was completed in 1999, equipped with two chillers and five “Ice Chiller” thermal storage units. The chillers are now past the end of their service life; one of the five thermal storage units has failed and been decommissioned. The equipment serves three buildings and must be replaced.
6	CSN - Northwest Higher Education Center Advanced Planning and Programming funds	$ 3,400,000	CSN previously requested planning funds in the last 3 sessions, 2017, 2019 and 2021. In this current request, CSN has downsized this first building to 50,000 square feet, to better suit the needs for a first building on this new campus. CSN received land from the BLM in 2016 and has 10 years to build the first building or the land reverts back. The new campus would meet student demand in a growing area of southern Nevada. Transportation is a huge issue for our students and this campus would address a large student base. Approximately 10% of CSN's total enrollment lives within 5 miles of the Northwest campus and 35% lives within 10 miles; this equates to between 3,500 and 12,000 students that could be interested in attending this campus. As a reference for comparison, CSN Henderson has 5,000 students. CSN has pledged $1.1M match in support of this project and has funds on hand.
7	UNLV - Interdisciplinary Collaboration & Innovation Building Planning & Construction	$ 50,000,000	The investment in the new Interdisciplinary Collaboration and Innovation Building will increase UNLV’s capacity for cutting-edge interdisciplinary education and research focus that leads to solutions for our community’s challenges and economic diversification and development. The space will support growth in interdisciplinary clusters in a variety of areas; initial areas of focus include urban sustainability, brain health, and disruptive technologies. Additional areas of focus include PK-12 education, water, solar power, ubiquitous data, and artificial intelligence. •UNLV is significantly under-resourced in terms of available research space and will not be able to effectively fulfill our research potential without additional capacity. The completion of this building will support UNLV in continuing its journey to be a national leader in interdisciplinary theory and praxis. •The lack of interdisciplinary research space limits UNLV’s ability to compete for funding to address the challenges and support the needs of the community and state. •There are few alternatives to investing in this new building. The available alternatives are far from ideal and will be far more costly in the long run.
8	UNR - Life Science Building Planning & Construction	$ 45,000,000	Objective: Construction of a new state-of-the-art Life Sciences Building to replace the 65 year old Fleischmann Agriculture Building (FAB), which is home to the College of Agriculture, Biotechnology & Natural Resources (CABNR) and Department of Biology. Considering the age of the building, inefficient layout and the limited possibility of cost-effective renovations, the University recommends that a new Life Sciences academic and research facility be built. This new facility, will house the students who will comprise the future workforce for high-demand jobs in critical sectors, such as medicine, nursing, biotechnology, agriculture, climate sciences, nutrition, environmental quality, water resource management, water quality, and food security. This additional, modern space is essential for meeting UNR’s goal of advancing as a Carnegie R1 university and for providing efficient and effective teaching laboratories. A total of $90M is needed for the planning, construction, and FFE costs for the new Life Sciences building. UNR is requesting $45M from the State, and the additional $45M will come from the University of Nevada, Reno through philanthropy and Capital Improvement Fees.

Ranking	Title	State Funds being requested	Notes
9	TMCC - EastView Construction & Planning (Experiential learning)	$ 30,000,000	EastView, a new 52,000 square foot building located on the Dandini Campus, will provide students with the opportunity to engage in integrated, experiential, and hands-on learning to master concepts and skills related to Engineering and Robotics, Coding, Culinary Arts, Hospitality & Tourism, and Performing Arts. Regional economic data supports EastView's program integration, identifying three of the five top-demand occupations in the Reno-Sparks emergining sectors to be industrial engineers, software developers/coders, and management. The EastView opportunities will rpepare students for the careers that are the backbone for growth and economic vitality in northern Nevada. TMCC has not received a state funded project since 1996.
10	CSN - Sahara West Workforce Education & Training Center (specialized workforce labs)	$ 4,500,000	This project was ranked 5th by the board during the last legislative cycle. The project includes essential code and infrastructure improvements including life safety and existing code requirements. The buildings (approx. 20,000 square feet combined) were built in the 1973 and 1981 and have mechanical units, fire systems and electrical that are at end of life. The facility requires ADA improvements to meet student, community and employee needs. Classrooms will support direct industry sector skilled certifications and student demand. The building is at capacity given current configuration and lacks the ability to leverage technology in support of demand. The existing classroom and laboratory layouts cannot accommodate program needs, utility and infrastructure are outdated and undersized. CSN has pledged $1.5M match in support of this project and has funds on hand.
11	NSC - STEAM Building Planning Project	$ 6,600,000	Nevada State College has grown 61.3% since 2016 and continues to thrive. The proposed 50,000 SF facility will provide classroom, laboratory, and office space required to meet our escalating demand for classes in Science, Technology, Engineering, Arts and Math fields, particularly physical and life sciences including biology and chemistry. The College is also contemplating expansion of our Nursing cohorts. This will place even greater pressure on the need for laboratory classrooms.
12	DRI - Advance Planning Rogers Science & Technology Building - Space Returned at Lease End (Atomic Testing Museum Space)	$ 250,000	DRI currently leases space in the Rogers Science & Technology Building to the U.S. General Service Administration for use by the National Nuclear Security Administration (NNSA), National Atomic Testing Museum (NATM). The current lease term ends in 2023. The NATM, supported by the City of Las Vegas, wishes to relocate to Downtown Las Vegas after the current lease term ends. Further, the State Legislature appropriated $1M to fund planning for a new museum building. If the museum moves, DRI will need to remodel the space to allow re-use. This project will provide planning money to develop a preliminary plan and cost estimate.
13	NSC - Water Infrastructure (Water Tower)	$ 6,200,000	Approximately 85% of the College campus lack sufficient water pressure for development. As a result, the College is building where it can instead of being able to plan for an effective campus. This proposal will place an adequate water storage facility at an appropriate elevation to service the entire campus, not only for domestic water, but also for fire suppression. This project has been proposed every legislative sessions since 2015.

Ranking	Title	State Funds being requested	Notes
14	UNLV - Fine Arts Building Planning and Construction (Replacement for Grant Hall)	$ 50,000,000	The investment in the new Fine Arts Building will replace end-of-life Fine Arts facilities in Grant Hall, and to provide additional research/discovery, academic, class lab, and other spaces to support UNLV academic and research programs, and subsequent workforce development for UNLV Fine Arts graduates who are ultimately employed in areas such as performing arts, graphic design and other areas that support Southern Nevada's core hospitality industry. Over the last decade enrollment in the College of Fine Arts has grown by 22% and is unable to meet demand in some of the programs due to limitations in the quantity and quality of the space.
15	NSC - Student Wellness Center Planning Project	$ 7,000,000	The College does not have an established student wellness department. NSC's RealCollege survey results showed that more than half of students did not know how to access the wellness services that are available. A wellness center would provide a centralized location for the healthcare, mental wellness, food pantry, individual and group therapy, and other wellness services. Nevada State requesting planning funds to develop an on-campus student wellness center.
16	CSN - Accessibility - North Las Vegas Library Seismic Retrofit	$ 3,400,000	The project is essential as it addresses critical life safety and code compliance. The NLV Campus Library and Student Affairs wing was built in the 1980's. Code requirements, particularly in the area of safety addressing seismic activity have greatly been enhanced since the original construction occurred. The Campus Library and Student Services is a foundation of post secondary education and supports all programs, services, and educational and community support. This project was requested in multiple previous legislative sessions. Initial seed money from HECC/SHECC for phase 1 as supported in the 2021 session will enable CSN to initiate the project including structural analysis, permitting, testing, x-ray of existing sheer walls.
		$ 284,610,000	

CIP Evaluation Process

The Business Officers' Council (BOC) had four half-day meetings to evaluate the proposed Capital Improvement Projects and prioritize the projects (through a voting process) for recommendation to the Council of Presidents. The Presidents will review the submissions from the BOC and determine the final recommendation for presentation to the Board of Regents (in compliance with Board of Regents Handbooks, Title IV, chapter 10, section 26, subsection 6).

The voting process used by the BOC was as follows:

- Each institution had five votes and voted for five projects.
- An institution was allowed to utilize up to one vote on a project from their institution.
- The prioritized list is ranked in the order of projects receiving the most votes.

Below is the list of criteria used to evaluate the projects:

- While all proposals will be prioritized together, to position NSHE for better long-term success in securing capital funding, it is recommended that ultimately our priorities include at least two planning projects for the upcoming cycle (these would then be our top priorities for construction funding in the following biennium)
- Cost Savings – consider cost savings generated by eliminating or limiting deferred maintenance projects and/or operational savings
- Life Safety and Code Compliance – consider the priority of the project to meet life, safety, and code compliance needs of mission-critical items, including lifecycle cost analysis or projects that support vital programs and initiatives
- Advancing Board Goals or System Strategic Initiatives – consider how the project directly advances one or more of the Board Goals or System Strategic Initiatives
- Industry or Student Demand – consider specialty classroom space required for courses to meet industry or student demand as well as the area needed to accommodate current and projected student enrollment
- Recent State Capital Funding – consider when the institution last received state funding for a capital project
- Leveraging Outside Funding – consider what external funding may be accessed if a portion of the project received funding
- Institution Capital Funds – consider the ability of the institution to access internal funds for the project, or does the institution have limited options outside of state funding

6**. NSHE Capital Improvement Budget Process**

a. Each institution will update its master plan every two years and provide the Chancellor and the Regents with a standardized statistical profile describing the physical dimensions of each campus operated by the institution. This profile will include the area (gross square feet) by type and age of facility. The Presidents will evaluate the results of this analysis to identify institutional capital construction needs.
b. The Board of Regents will set priorities for the types of space such as classroom, class laboratory, research laboratory, office, and auxiliary space needed by the NSHE.
c. The Chancellor will apply appropriate NSHE space formulas, including growth in student FTE, to the institutional data to determine the need for space in the Regents' priority areas. Based on the results of these calculations, the Chancellor will propose to the Council of Presidents a capital improvement project list.
d. The Council of Presidents will review the list and participate in the development of the system wide capital improvement project request in priority order:
    i. In developing capital improvement project needs, each institution must provide to the Board of Regents a standardized lifecycle cost analysis for each requested new building.
    ii. The lifecycle cost analysis must estimate the overall cost of ownership by year consistent with the project's quality and function. iii. The Chancellor shall establish procedures for determining lifecycle cost estimates for capital projects.
e. The Chancellor will forward a prioritized capital improvement project list to the Board of Regents for approval

CIP Evaluation Criteria

Institution: NSHE System-wide

Project Name: Additional Capital Construction Funding for Higher Education

State Funding Request: $50,000,000

Project Description: System-wide request for $50 million dollars to be distributed via a formula to each institution to address the highest priority major/deferred maintenance projects.

Institution Narrative:
Please describe how the project addresses each of the criteria (if the criteria does not apply indicate N/A):

- **While all proposals will be prioritized together, to position NSHE for better long-term success in securing capital funding, it is recommended that ultimately our priorities include at least two planning projects for the upcoming cycle (these would then be our top priorities for construction funding in the following biennium)**

N/A

- **Cost Savings – consider cost savings generated by eliminating or limiting deferred maintenance projects and/or operational savings**

N/A

- **Industry or Student Demand – consider specialty classroom space required for courses to meet industry or student demand as well as the area needed to accommodate current and projected student enrollment**

Maintenance of existing buildings prolongs the life of the buildings and allows for the effective continued use of facilities while keeping faculty, staff, and students safe.

- **Life Safety and Code Compliance – consider the priority of the project to meet the life, safety, and code compliance needs of mission-critical items, including lifecycle cost analysis or projects that support vital programs and initiatives**

Many of the individual institution maintenance projects address life safety and code compliance needs.

- **Advancing Board Goals or System Strategic Initiatives – consider how the project directly advances one or more of the Board Goals or System Strategic Initiatives**

N/A

- **Recent State Capital Funding – consider when the institution last received state funding for a capital project**

These funds are distributed to all institutions.

- **Leveraging Outside Funding – consider what external funding may be accessed if a portion of the project receives funding. Institution Capital Funds – consider the ability of the institution to access internal funds for the project, or does the institution have limited options outside of state funding**

N/A

Administrative Section

Project Name:	Additional Capital Construction Funding for Higher Education
One Sentence Project Description:	Funding will be used in a manner consistent with the allowable uses of the Capital Construction fund for Higher Education and the Special Capital Construction Fund for Higher Education. NRS 463.385 allows these funds to be expended for planning, acquiring, and developing a site, construction, reconstruction, furnishing, equipping, replacing, repairing, rehabilitating, expanding, and remodeling.
Project Location:	Throughout the state for Nevada System of Higher Education
a) County:	Various
b) City:	Various

Institution:	All

Agency Point of Contact	
a) Name:	Andrew Clinger
b) Title:	NSHE Chief Financial Officer
c) Phone:	775-784-3408
d) Email:	aclinger@nshe.nevada.edu

Has this project been previously requested in a prior CIP?	Yes
For Existing Facilities *(use attached "List of State-Owned Buildings" spreadsheet)*:	See attached
a) Site Number:	Various
b) Building Number:	Various
c) Facility Condition Analysis Project Number (If available):	N/A
d) Is the Property State Owned?	Yes

e) Is the Facility State Owned?	Yes
Prior Design Work:	No
a) Has design work been completed on this project?	N/A
b) Explain what has been completed.	Evaluation by Facility Maintenance Engineers at all institutions.

Narrative Section *(responses limited to 3-5 sentences/200 words)*

Project Justification: (What is the driving need and how will this need be met?)	Historically, NSHE received $15 million each biennium for deferred maintenance: $10 million from state funds and $5 million from the SHECC fund. This has covered a small percentage of deferred maintenance project needs of all institutions. The projects continue to accumulate, and we have estimated the current priority one projects is ~$91.7 million. In addition to the HECC/SHECC funding, NSHE is respectfully requesting an additional $50 million for deferred maintenance projects.
Background Information: (What is the history?):	Please see attached list of projects.
Ramifications if not approved: (What will happen if not selected?)	Please see attached list of projects.
Health, life safety, and/or legal issues: (Does this project resolve these issues? Be specific as possible.)	Yes. See descriptions of projects on attached list.

Mechanical and/or Electrical Equipment Replacement Projects

Type of Equipment to Replace:	Please see attached list of projects.
Year Equipment Installed:	Please see attached list of projects.
Equipment Manufacturer:	Please see attached list of projects.
Equipment Model:	Please see attached list of projects.

Environmental Consideration

Are there known hazardous materials at this site? (e.g., Asbestos, lead paint)	Please see attached list of projects.
Describe what is known:	Please see attached list of projects.
Will abatement be required?	Please see attached list of projects.

Personnel Relocations

Will this project require personnel relocations or vacating a building for any period of time?	Please see attached list of projects.
Please explain: (including temporary facility requirements)	Please see attached list of projects.

Project Schedule Impacts/Issues

What is the latest date this project could be completed without disrupting your program?	Varies per project. See attached list.
What is driving this date?	In some cases, it is the recommended service life, which most have surpassed; however, the projects have been evaluated by professionals and it is their opinions that drive this date.

Preliminary Construction Cost Estimate and Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only.)

Land Cost:	
a) Must be purchased?	N/A
b) Land Cost:	N/A
c) Is an appraisal available?	N/A
Offsite Construction:	N/A

Onsite Development:	N/A
Utility Connection Fees:	N/A
Deeded Water Rights:	N/A
Furniture, Fixtures and Equipment:	N/A
Specialty Equipment: (Security systems, video equipment, CCTC)	N/A
Data and Network Equipment:	N/A
Telephone Equipment:	N/A
Moving:	N/A
Renovation of Vacated Space:	N/A
Correction of Known Deficiencies:	
a) Correction Cost:	$50,000,000
b) Description	Please see attached list of projects.
Known Commitments:	
a) Commitment Cost:	
b) Description:	
Hazardous Materials Abatement:	
Other Costs not above:	
a) Other Cost:	
b) Description:	
Total Project Cost:	$50,000,000

Preliminary Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only. *This section is not required if all funding is from State General Obligation Bonds.*)

Proposed Funding Breakdown:	
a) Agency *(State Agency funding outside of General Obligation Bonds)*	N/A
b) Federal	N/A
c) Other/Donor:	N/A
d) State: *(State General Obligation Bonds. This is the default funding source if other sources are not identified.)*	N/A
e) Total	N/A
Proposed Funding Narrative:	
a) Describe each Source of Funding:	N/A
b) Describe State match requirements: (if applicable)	N/A
c) Describe funding restrictions that may affect this project:	N/A
d) Describe Agency actions that must be taken to make each funding source available:	N/A
e) When will each funding source be available?	N/A
f) When will each funding source expire?	N/A

Agency Fiscal Point of Contact: (*This is typically not the same person who submits the project.)*	
a) Name:	Andrew Clinger
b) Title:	NSHE Chief Financial Officer
c) Phone:	775-784-3408
d) Email:	aclinger@nshe.nevada.edu

Site Analysis – New construction only

Estimated land area to be acquired (acres):	N/A
Will this project require new parking spaces?	N/A
Are utilities available to site?	N/A
Will the project require relocation of existing utilities?	N/A
Are there any required off-site improvements or right-of-way dedications?	N/A
Is the site in a flood plain?	N/A
Is the site in an airport impact zone?	N/A
Does the site contain any underground storage tanks?	N/A
Does the site contain any adverse soil conditions?	N/A
Will the site require an environmental assessment?	N/A
Will rezoning or a special use permit be required?	N/A
Will any utility connection fees need to be paid?	N/A

Will any water rights need to be deeded?	N/A
Will construction traffic degrade existing access or facilities?	N/A
Will the site require any hazardous material abatement?	N/A
Explain other important considerations that may affect cost and/or scope.	N/A

Programming

New construction, building remodels, and building additions only

Has any architectural programming occurred? *(Programming is an architectural definition of the needs/problems that must be addressed by the project.)*	N/A
Usable square footage required (including storage space):	
a) New construction:	N/A
b) Remodel/Renovation:	N/A
c) Addition:	N/A
d) Total project:	N/A
Occupancy Type: *(Assembly, business, educational, factory/industrial, high hazard, institutional, mercantile, residential, storage, utility/misc.)*	N/A
Approximate number of staff to occupy the facility	N/A
Approximate number of visitors per day:	N/A

Furnishing, Fixtures and Equipment (FF&E):	
a) Will this project require FF&E?	N/A
b) Describe what is required:	N/A
How many years of future growth will this project accommodate?	N/A
List of required facilities: *(e.g., laboratory space, classroom space, office space, security systems, conference rooms, cafeterias, maintenance shops, garages and any unusual equipment required for your project.)*	N/A

NEVADA SYSTEM OF HIGHER EDUCATION

Deferred Maintenance Submission

Contents

Purpose

The purpose to this template is to document the deferred maintenance needs of each campus as described in Title 4, Chapter 10, Section 26(6).

Effective with the 2011 capital improvement budget cycle described in Subsection 5, every even-numbered year each institution must plan for existing facility and infrastructure needs by requesting funding for capital renewal, plant adaption, and deferred maintenance projects. The budgeted figure for these projects shall be two percent of the insured replacement value for owned facilities five or more years since construction or a major building renovation, excluding storage facilities and auxiliary enterprise buildings (e.g. resident halls and athletic facilities). In calculating the amount budgeted for existing facility and infrastructure, the state revenues request for Higher Education Capital Construction (HECC) and Special Higher Education Capital Construction (SHECC) are in addition to the two percent threshold, and may not be applied to the amount budgeted for this purpose. The Chancellor shall establish procedures to standardize the manner in which projects associated with improving existing facilities and infrastructure are identified and ranked.

Requesting state funding for deferred maintenance is a multi-step process.

1. Inclusion in the BOR's biennial budget request
2. Project and cost review by the State Public Works Division
3. Recommendation by the State Public Works Division to the State Public Works Board
4. Inclusion in the State Public Works Board recommendation to the Governor
5. Inclusion in the Governor's recommended budget

Background

Historically, NSHE received $15 million each biennium for deferred maintenance: $10 million from state funds and $5 million from the SHECC fund. SHECC funds are earned through an annual $250/slot machine tax. (The remaining funds in the account are used for NSHE bond debt service and to support the Distributive School Account.) As the number of slot machines decline (due to single machines being able to offer multiple games and interest in other types of games), the slot tax revenue declines.

HECC/SHECC funds are allocated to NSHE institutions based on the percentage of total maintained square footage for buildings greater than five (5) years old and is intended to provide a stable, reliable planning tool for HECC/SHECC deferred maintenance projects. HECC funds represent 2/3 of the funding allocation amount; SHECC funds represent 1/3 of the funding allocation amount. Additionally, the methodology maintains base funding for System Administration totaling $100,000 per biennium and a Contingency Pool totaling $200,000. The Contingency Pool is funded equally from the allocations to UNLV and UNR for use by the remaining institutions for emergency deferred maintenance projects that exceed an institution's biennial HECC/SHECC allocation.

While NSHE institutions have complied with Board policy, submitting "Two Percent" project lists for consideration by the Board of Regents and the State Public Works Division, none of the projects have been recommended by the State Public Works Board for inclusion in the Governor's recommended budget. This often results in institutions shifting projects from the "Two Percent" list to the HECC/SHECC funded project list.

The final list of projects is provided to the State Public Works Division by April 1 of each odd-numbered year.

Report Overview and Timeline

	Delivery Date
Provide to NSHE	7-Mar-22
Presented for Approval by BOR	May
Provided to SPWB	1-Apr-22

Prepared by: Each institution and compiled by System Administration

NEVADA SYSTEM OF HIGHER EDUCATION

Deferred Maintenance Submission

Division of Finance

Definitions

Priority Criteria:

Priority Class 1 - Currently Critical (Immediate to Two Years)	Projects in this category require immediate action to return a facility to normal operation, stop accelerated deterioration, correct a fire/life safety hazard, or correct, an ADA requirement, or code and legal violations.
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Projects in this category include conditions requiring appropriate attention to preclude predictable deterioration or potential downtime and the associated damage or higher costs if deferred further.
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Projects in this category include items that represent a sensible improvement to existing conditions. These items are not required for the most basic function of a facility; however, Priority 3 projects will either improve overall usability and/or reduce long-term maintenance
Priority Class 4 - Cost Saving Measures	Projects in this category include items that represent a sensible improvement to existing conditions that pay for themselves in less than five years. These items are not required for the most basic function of a facility; however, Priority 4 projects will save costs over the long-term.
Priority Class 5 - Socially Responsible Projects	Projects that are considered socially responsible. These items are not required for the most basic function of a facility; however, Priority 5 projects consider how an institution preforms as a steward of nature.

Project Category:

Egress and Ingress (Paying, Striping, Curbing, Street Lights and Signs)
Electrical Systems
Elevator Systems
Exterior Systems (Glazing, Stucco, Paint)
Fire & Life Safety
Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)
Landscape (Drainage, irrigation, Rails, Walk Paths, Gutters)
Lighting
Mechanical Systems (HVAC)
Plumbing
Roofing Systems
Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)
Security Systems
Telecommunications
Utilities (Water-Gas-Sewer)
Other

Asset_Costs_by_Location_Hierarchy_and_Type

	Sum of Asset Cost
College of Southern Nevada - Las Vegas > CSN - ALC - Satellite/Leased Locations > Green Valley High Tech Center	4,791,084
College of Southern Nevada - Las Vegas > CSN - ALC - Satellite/Leased Locations > Mesquite: Classroom Building	750,000
College of Southern Nevada - Las Vegas > CSN - ALC - Satellite/Leased Locations > Sahara West: A - Admin Building	1,250,000
College of Southern Nevada - Las Vegas > CSN - ALC - Satellite/Leased Locations > Summerlin High Tech Center	5,031,191
College of Southern Nevada - Las Vegas > CSN - ALC - Satellite/Leased Locations > Western High Tech Center	5,716,637
College of Southern Nevada - Las Vegas > CSN - Charleston Campus	17,364,677
College of Southern Nevada - Las Vegas > CSN - Charleston Campus > A - Howard Health Sciences Center	9,900,810
College of Southern Nevada - Las Vegas > CSN - Charleston Campus > B - Stone Classroom Complex	13,665,436
College of Southern Nevada - Las Vegas > CSN - Charleston Campus > C - Learning Center	1,078,892
College of Southern Nevada - Las Vegas > CSN - Charleston Campus > D - Meacham Student Services Center	26,331,366
College of Southern Nevada - Las Vegas > CSN - Charleston Campus > E - Administration Center	22,051,298
College of Southern Nevada - Las Vegas > CSN - Charleston Campus > F - Virtual Location For Unassigned Assets - (NLV-F-unassigned)	14,147,782
College of Southern Nevada - Las Vegas > CSN - Charleston Campus > I - Library Building	25,781,869
College of Southern Nevada - Las Vegas > CSN - Charleston Campus > K - Engelstad Health Sciences	27,119,398
College of Southern Nevada - Las Vegas > CSN - Charleston Campus > M - Public Safety	900,720
College of Southern Nevada - Las Vegas > CSN - Charleston Campus > U - WC Student Union	22,948,619
College of Southern Nevada - Las Vegas > CSN - Henderson Campus	10,415,449
College of Southern Nevada - Las Vegas > CSN - Henderson Campus > C - Caviglia Computing Center	19,279,209
College of Southern Nevada - Las Vegas > CSN - Henderson Campus > H - Health Science Building > H - Health Science Building - (HN-H-	52,659,432
College of Southern Nevada - Las Vegas > CSN - Henderson Campus > U - HN Student Union	29,617,724

College of Southern Nevada - Las Vegas > CSN - North Las Vegas Campus	80,738,491
College of Southern Nevada - Las Vegas > CSN - North Las Vegas Campus > CP1 - North Central Plant > CP1 - North Central Plant - Mech	1,502,671
College of Southern Nevada - Las Vegas > CSN - North Las Vegas Campus > U - NLV Student Union	22,127,003
DRI - Boulder City	1,612,119
DRI - Las Vegas > Frank H. Rogers Science & Technology Building	15,269,303
DRI - Las Vegas > Southern Nevada Science Center PI Administration	6,761,536
DRI - Reno > Computational Research & Visualization Building	23,079,821
DRI - Reno > Dorothy S. Gallagher Great Basin Env. Res. Lab.	3,372,676
DRI - Reno > Maxey East Wing Addition	5,599,104
DRI - Reno > Maxey Science Building	5,242,441
DRI - Reno > Northern Nevada Science Center	15,940,289
DRI - Reno > Renewable Energy Deployment & Display	652,131
DRI - Steamboat Facility > Steamboat Support Facility	609,250
GBC - Elko Campus	5,884,154
GBC - Elko Campus > Berg Hall	1,976,210
GBC - Elko Campus > Electrical & Industrial Technology	14,913,327
GBC - Elko Campus > GBC Fitness Center	1,479,338
GBC - Elko Campus > Griswold Hall	2,645,884
GBC - Elko Campus > High Tech Center	6,798,204
GBC - Elko Campus > Leonard Center for Student Life	3,252,054
GBC - Elko Campus > McMullen Hall	3,968,506
GBC - Elko Campus > Solarium	1,450,000
GBC - Elko Campus > Theater	2,708,855
GBC - Ely Center	2,586,860
GBC - Pahrump Valley Center > Pahrump GBC HTC	3,786,750
GBC - Winnemucca Center	2,006,113
NSC - Main Campus	95,429,569
NSC - Main Campus > Kasner Academic Building	19,047,142
NSC - Main Campus > Liberal Arts and Sciences	22,489,800
NSC - Main Campus > Rogers Students Center	19,073,224
NSC - Main Campus > Rogers Students Center > Rogers Student Center - 152 (RSC-152)	3,400,982
SA - Claude Howard Building	2,467,100
SA - Maryland Parkway	3,529,681
SCS - System Data Center Las Vegas	3,470,062
TMCC - Applied Technology Center	30,429,164
TMCC - Dandini Campus	1,606,728
TMCC - Dandini Campus > Elizabeth Sturm Library	1,414,397
TMCC - Dandini Campus > Facilities Services	2,615,525
TMCC - Dandini Campus > Red Mountain Building	41,454,860
TMCC - Dandini Campus > Red Mountain Building > Red Mountain Building - 415 (RDMT - 415)	1,464,867
TMCC - Dandini Campus > Sierra Building	9,644,228
TMCC - Dandini Campus > Sports & Health Complex	10,211,579
TMCC - Dandini Campus > Vista Building	7,084,131
TMCC - Meadowood Center	12,495,467
TMCC - William N. Pennington Health Science Center	6,982,875
UNLV1-Harry Reid Research Park > HR1-Harry Reid Research Park	2,318,230
UNLV1-Maryland Campus	829,242
UNLV1-Maryland Campus > ALB-Accelerator Lab Building	1,562,495
UNLV1-Maryland Campus > ARC-Paul B. Sogg Architecture	12,288,689
UNLV1-Maryland Campus > ASC-Academic Success Center	2,440,730
UNLV1-Maryland Campus > BDC-Bennett Development Center	2,553,164
UNLV1-Maryland Campus > BEH-Frank and Estella Beam Hall	14,851,643
UNLV1-Maryland Campus > BGC-Boys and Girls Club	3,754,677
UNLV1-Maryland Campus > BHS-Rod Lee Bigelow Health Science	11,513,638
UNLV1-Maryland Campus > BKS-UNLV Bookstore	2,818,918
UNLV1-Maryland Campus > BMC-Beam Music Center	8,433,891
UNLV1-Maryland Campus > BPB-Robert L. Bigelow Physics	11,743,214
UNLV1-Maryland Campus > BSL-Boyd School Of Law	34,772,017
UNLV1-Maryland Campus > CBC-Classroom Building Complex	23,909,033
UNLV1-Maryland Campus > CDC - Central Desert Complex > CDC01-Central Desert Complex 01	596,029
UNLV1-Maryland Campus > CDC - Central Desert Complex > CDC02-Central Desert Complex 02	596,029
UNLV1-Maryland Campus > CDC - Central Desert Complex > CDC03-Central Desert Complex 03	596,029
UNLV1-Maryland Campus > CDC - Central Desert Complex > CDC04-Central Desert Complex 04	596,029
UNLV1-Maryland Campus > CDC - Central Desert Complex > CDC05-Central Desert Complex 05	596,029
UNLV1-Maryland Campus > CDC - Central Desert Complex > CDC06-Central Desert Complex 06	596,029
UNLV1-Maryland Campus > CDC - Central Desert Complex > CDC07-Central Desert Complex 07	596,029
UNLV1-Maryland Campus > CDC - Central Desert Complex > CDC08-Central Desert Complex 08	596,029
UNLV1-Maryland Campus > CEB-Carlson Education Building	3,793,121

UNLV1-Maryland Campus > CHE-Chemistry Building	2,761,414
UNLV1-Maryland Campus > CLB1-Campus Lab Building 1	3,331,955
UNLV1-Maryland Campus > CLB2-Campus Lab Building 2	2,015,336
UNLV1-Maryland Campus > COX-Cox Pavillion	18,655,850
UNLV1-Maryland Campus > CSB-Campus Services Building	6,842,657
UNLV1-Maryland Campus > DAY-Dayton Complex	21,073,172
UNLV1-Maryland Campus > DIN-Hazel M. Wilson Dining Commons	17,440,369
UNLV1-Maryland Campus > EMS-Eller Media Softball Stadium	2,458,190
UNLV1-Maryland Campus > FDH-Flora Dungan Humanities	4,897,173
UNLV1-Maryland Campus > FFC-Fertita Football Complex	33,811,401
UNLV1-Maryland Campus > FMA-Facilities Management Admin	873,762
UNLV1-Maryland Campus > FND-Foundation Building	6,279,647
UNLV1-Maryland Campus > FTC-Fertitta Tennis Complex	1,115,056
UNLV1-Maryland Campus > GRA-Archie C. Grant Hall	1,172,772
UNLV1-Maryland Campus > GRS-Graduate Art Studios	614,596
UNLV1-Maryland Campus > GTW-University Gateway Building	23,053,234
UNLV1-Maryland Campus > GUA-Greenspun Urban Affairs	82,734,285
UNLV1-Maryland Campus > HBL-High Bay Lab	666,973
UNLV1-Maryland Campus > HCH-Artemus W. Ham Concert Hall	4,592,351
UNLV1-Maryland Campus > HFA-Alta Ham Fine Arts	5,662,104
UNLV1-Maryland Campus > HOS-Hospitality Hall Building	52,238,484
UNLV1-Maryland Campus > HWB-Herman Westfall Building	641,883
UNLV1-Maryland Campus > JBT-Judy Bayley Theatre	3,331,999
UNLV1-Maryland Campus > LAC-Lied Athletic Complex	8,827,064
UNLV1-Maryland Campus > LBC - Lynn Bennett Childhood Dev	6,102,971
UNLV1-Maryland Campus > LEG - The Legacy LV > LEG1-The Legacy LV - Building 1	706,360
UNLV1-Maryland Campus > LEG - The Legacy LV > LEG4-The Legacy LV - Building 4	684,143
UNLV1-Maryland Campus > LFG-Lilly Fong Geoscience	1,522,331
UNLV1-Maryland Campus > LLB-Lied Library Building	62,974,399
UNLV1-Maryland Campus > MAB1-Maryland Administrative Building	1,657,100
UNLV1-Maryland Campus > MBC-Marnell Baseball Clubhouse	3,209,237
UNLV1-Maryland Campus > MDC-Mendenhall Center	11,365,812
UNLV1-Maryland Campus > MPE-Paul McDermott Physical Ed.	11,404,391
UNLV1-Maryland Campus > MSM-Marjorie Barrick Museum/HRC	2,522,547
UNLV1-Maryland Campus > PAR - Paradise Campus	1,074,792
UNLV1-Maryland Campus > PHQ-Police Headquarters Building	1,342,611
UNLV1-Maryland Campus > PKG1-Parking Garage 01	22,022,552
UNLV1-Maryland Campus > PKG2-Parking Garage, Trop & Brussels	14,124,246
UNLV1-Maryland Campus > PKG3-Maryland Parking Garage	19,674,252
UNLV1-Maryland Campus > RLL-Beverly Rogers Literature & Law Bldg.	11,972,275
UNLV1-Maryland Campus > RPL-Radiation Protection Laboratory	2,068,417
UNLV1-Maryland Campus > RWC-Student Recreation & Wellness Center	65,601,644
UNLV1-Maryland Campus > SAB-Swenson Auxiliary Building	739,847
UNLV1-Maryland Campus > SEB-Science Engineering Building	108,905,240
UNLV1-Maryland Campus > SEB-Science Engineering Building > Science Engineering Building - 1159 (SEB-1159)	698,859
UNLV1-Maryland Campus > SEP-Satellite Energy Plant	6,660,843
UNLV1-Maryland Campus > SFB-Stan Fulton Building	7,539,968
UNLV1-Maryland Campus > SSC - Student Services Complex	15,679,205
UNLV1-Maryland Campus > STL-Science Teaching Lab	3,616,100
UNLV1-Maryland Campus > SU-Student Union	50,526,531
UNLV1-Maryland Campus > TAC-Richard Tam Alumni Center	1,779,098
UNLV1-Maryland Campus > TBE-Thomas Beam Engineering Bldg	16,513,643
UNLV1-Maryland Campus > TMC-Thomas & Mack Center	138,101,246
UNLV1-Maryland Campus > TON-Tonopah Residence Hall	22,015,088
UNLV1-Maryland Campus > UAB-University Auxiliary Building	621,597
UNLV1-Maryland Campus > WBS-Earl E. Wilson Baseball Stadium	1,861,482
UNLV1-Maryland Campus > WHI-Juanita G. White Life Sciences	10,514,756
UNLV1-Maryland Campus > WRI-John S. Wright Hall	23,029,101
UNLV1-Medical District > SLC-E-Shadow Lane Building E - 1707 W. Charleston Blvd.	15,749,197
UNLV1-Medical District > SLC-F-Shadow Lane Building F - 1125 Shadow Ln.	1,066,834
UNLV1-Satellite Campus > FAB1-Flamingo Auxiliary Building	4,407,303
UNLV1-Satellite Campus > SBS-Sam Boyd Stadium	29,191,493
UNLV1-Shadow Lane Campus > SLC-A-Shadow Lane Dental School	17,858,746
UNLV1-Shadow Lane Campus > SLC-B-Shadow Lane Biotech Research	21,945,575
UNLV1-Shadow Lane Campus > SLC-D-Shadow Lane Advanced Dental Education	16,280,875
UNR - Extension, Clark	9,783,518
UNR - Extension, Washoe	1,864,042
UNR - Extension, Washoe > 4H Camp Office	1,003,543

UNR - Main Campus > 830 N. Center Street	1,601,436
UNR - Main Campus > 895 N. Center St.	950,596
UNR - Main Campus > Ag Experiment Station > Main Station Farm Large Animal Metabolism	607,846
UNR - Main Campus > Ag Experiment Station > Valley Road Greenhouse Complex	7,190,485
UNR - Main Campus > Agricultural Education	2,248,666
UNR - Main Campus > Ansari Business Building	10,235,143
UNR - Main Campus > Applied Research Facility	10,746,539
UNR - Main Campus > Argenta Hall And Dining Commons	33,690,752
UNR - Main Campus > Brian J. Whalen Parking Complex	9,740,420
UNR - Main Campus > Canada Hall	7,326,442
UNR - Main Campus > Cashell Fieldhouse	7,713,595
UNR - Main Campus > Central Heat Plant	1,934,203
UNR - Main Campus > Central Services	608,148
UNR - Main Campus > Chemistry Building	5,976,761
UNR - Main Campus > Church Fine Arts	13,443,923
UNR - Main Campus > Continuing Education Building	4,118,664
UNR - Main Campus > Davidson Math And Science Center	58,613,537
UNR - Main Campus > DRI Space-Great Basin Sci Samp	3,281,892
UNR - Main Campus > E. L. Wiegand Fitness Center	47,830,230
UNR - Main Campus > Earthquake Engineering Lab Building	15,486,797
UNR - Main Campus > Edmund J. Cain Hall	5,384,669
UNR - Main Campus > Effie Mona Mack	3,099,443
UNR - Main Campus > Facilities Maintenance Services	4,195,503
UNR - Main Campus > Fitzgerald Student Services Building	7,591,796
UNR - Main Campus > Fleischmann Agriculture And Life Science	2,805,235
UNR - Main Campus > Frandsen Humanities	4,577,086
UNR - Main Campus > Great Basin Hall	59,620,092
UNR - Main Campus > Harry Reid Engineering Laboratory	12,253,365
UNR - Main Campus > Joe Crowley Student Union	66,030,308
UNR - Main Campus > Jot Travis Building	16,326,500
UNR - Main Campus > Juniper Hall	1,929,083
UNR - Main Campus > Knudtsen Resource Center	1,595,724
UNR - Main Campus > Lawlor Events Center	30,678,112
UNR - Main Campus > Legacy Hall	7,076,775
UNR - Main Campus > Leifson Physics	22,493,984
UNR - Main Campus > Lincoln Hall	9,613,922
UNR - Main Campus > Living Learning Community	32,259,213
UNR - Main Campus > Lombardi Recreation Center	10,211,368
UNR - Main Campus > Mackay Mines	10,094,715
UNR - Main Campus > Mackay Science	686,203
UNR - Main Campus > Mackay Stadium - N Tickets Mod	1,280,076
UNR - Main Campus > Mackay Stadium Club And Westside Skyboxes	11,093,862
UNR - Main Campus > Mackay Stadium Visitors Locker Room	7,762,248
UNR - Main Campus > Manzanita Hall	9,974,158
UNR - Main Campus > Marguerite W. Petersen Athletic Academic Center	5,691,567
UNR - Main Campus > Mathewson-Igt Knowledge Center	102,970,991
UNR - Main Campus > Moana Building	8,151,746
UNR - Main Campus > Morrill Hall	7,159,992
UNR - Main Campus > National Judicial College	7,382,861
UNR - Main Campus > Nye Hall	8,720,920
UNR - Main Campus > Orvis Building	732,787
UNR - Main Campus > Palmer Engineering	13,862,112
UNR - Main Campus > Parking Services	804,124
UNR - Main Campus > Paul Laxalt Mineral Engineering	16,919,228
UNR - Main Campus > Peavine Hall	41,100,717
UNR - Main Campus > Ponderosa Village	27,941,936
UNR - Main Campus > Redfield Campus - University of Nevada, Reno > Redfield Campus - Building A	14,650,575
UNR - Main Campus > Reynolds School Of Journalism	10,412,761
UNR - Main Campus > Ross Hall	1,532,776
UNR - Main Campus > Sarah H. Fleischmann Building	10,706,204
UNR - Main Campus > Scrugham Engineering-Mines	3,803,269
UNR - Main Campus > Sierra Hall And Parking Garage	10,495,385
UNR - Main Campus > Sports Medicine Complex	2,101,376
UNR - Main Campus > Stead Campus > Sage Building Terawatt (Stead)	1,893,058
UNR - Main Campus > Thompson Building	5,215,304
UNR - Main Campus > University Arts Building	36,630,366
UNR - Main Campus > University Of Nevada, Reno Innevation Center	2,600,734
UNR - Main Campus > UNR - Main Campus (Asset)	11,162,351

UNR - Main Campus > Virginia Street Gym	1,492,559
UNR - Main Campus > West Stadium Parking Complex	26,850,388
UNR - Main Campus > William J. Raggio Building	19,986,813
UNR - Main Campus > William N. Pennington Engineering Building	91,583,025
UNR - Main Campus > William N. Pennington Student Achievement Center	44,483,335
UNR - Medicine, Reno	16,432,130
UNR - Medicine, Reno > 745 W. Moana Lane	4,853,258
UNR - Medicine, Reno > Center For Molecular Medicine	71,307,466
UNR - Medicine, Reno > Family Medicine Center (Brigham)	735,619
UNR - Medicine, Reno > Nellor Biomedical Sciences	1,252,128
UNR - Medicine, Reno > Nevada State Health Laboratory	2,266,677
UNR - Medicine, Reno > Pennington Health Science Ed	45,016,751
UNR - Medicine, Reno > Savitt Medical Sciences	781,874
WNC - Carson	3,712,540
WNC - Carson > Aspen Building (ASP)	2,337,908
WNC - Carson > Bristlecone Building (BRIS)	4,581,408
WNC - Carson > Bristlecone Building (BRIS) > Bristlecone Building - 105 (BRIS-105)	1,277,641
WNC - Carson > Bristlecone Building (BRIS) > Bristlecone Building - 329 (BRIS-329)	1,045,557
WNC - Carson > Cedar Building (CED)	13,640,984
WNC - Carson > Childcare Development Center (CDC)	784,355
WNC - Carson > Donald W. Reynolds Center for Technology (REYN) > Donald W. Reynolds Center for Technology - 113A (REYN-113A)	2,813,895
WNC - Carson > High Tech Center (HTCH)	4,254,533
WNC - Carson > Joe Dini Library and Student Center (DINI) > Joe Dini Library and Student Center - LIBMAIN (DINI-LIBMAIN)	7,091,878
WNC - Douglas	2,302,314
WNC - Fallon > Sage Hall (SAGE)	1,077,317
WNC - Fallon > V. Getto Hall (VRGH)	2,176,511
Total	3,365,264,060
	2%
Two Percent Projects	$ 67,305,281

Nevada System of Higher Education

Deferred Maintenance Program

Funding Request Summary

Institution	CSN	DRI	GBC	NSC	SA	SCS	TMCC	UNLV	UNR	WNC	Total
"Two Percent"Annual Project Estimate Totals	$ 8,303,395	$ 1,562,773	$ 1,069,125	$ 3,188,814	$ 119,936	$ 69,401	$ 2,508,076	$ 24,055,507	$ 25,486,316	$ 941,937	$ 67,305,281
Safety & ADA Summary Totals	$ 10,700,000	$ 4,572,000	$ 2,785,000	$ 2,274,000	$ 1,529,000	$ 350,000	$ 425,000	$ 7,500,000	$ 9,700,000	$ 4,826,591	$ 44,661,591
Totals Projects by Institution Priority Ranking											
Rank 1	$ 750,000	$ 1,006,800	$ 2,500,000	$ 250,000	$ 1,200,000	$ 1,428,409	$ 13,000	$ 2,000,000	$ 6,000,000	$ 528,409	$ 15,676,618
Rank 2	$ 900,000	$ 462,000	$ 285,000	$ 30,000	$ 60,000	$ 350,000	$ 18,000	$ 6,250,000	$ 500,000	$ 457,955	$ 9,312,955
Rank 3	$ 1,500,000	$ 273,600	$ 500,000	$ 15,000	$ 65,000	$ 867,000	$ 25,000	$ 3,000,000	$ 3,000,000	$ 2,536,364	$ 11,781,964
Rank 4		$ 150,000		$ 15,000	$ 500,000	$ 354,488	$ 800,000	$ 13,450,000	$ 2,000,000	$ 387,500	$ 17,656,988
Rank 5	$ 750,000	$ 960,000		$ 15,000	$ 35,000	$ 191,117	$ 35,000	$ -	$ 2,500,000	$ 401,591	$ 4,887,708
All Others	$ 7,250,000	$ 12,416,909		$ 3,603,000	$ 281,500	$ 7,383,537	$ 45,249,000	$ 102,170,000	$ 22,650,000	$ 13,358,182	$ 214,362,128
Totals Projects by Institution Priority Ranking	$ 11,150,000	$ 15,269,309	$ 3,285,000	$ 3,928,000	$ 2,141,500	$ 10,574,551	$ 46,140,000	$ 126,870,000	$ 36,650,000	$ 17,670,000	$ 273,678,360
Priority Class Summary											
Priority Class 1 - Currently Critical (Immediate to Two Years)	$ 11,650,000	$ 6,128,909	$ 3,285,000	$ 825,000	$ 1,618,500	$ 2,999,897	$ 856,000	$ 19,450,000	$ 36,650,000	$ 8,236,136	$ 91,699,442
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	$ -	$ 4,333,200	$ -	$ 265,000	$ 32,500	$ 1,175,857	$ 10,437,000	$ 39,395,000	$ -	$ 3,797,500	$ 59,436,057
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	$ -	$ 531,600	$ -	$ 2,838,000	$ 2,500	$ 6,398,797	$ 34,847,000	$ 25,600,000	$ -	$ 704,545	$ 70,922,442
Priority Class 4 - Cost Saving Measures	$ -	$ 870,000	$ -	$ -	$ -	$ -	$ -	$ 34,425,000	$ -	$ 2,465,909	$ 37,760,909
Priority Class 5 - Socially Responsible Projects	$ -	$ 3,405,600	$ -	$ -	$ -	$ -	$ -	$ 8,000,000	$ -	$ 2,465,909	$ 13,871,509
Total Priority Class	$ 11,650,000	$ 15,269,309	$ 3,285,000	$ 3,928,000	$ 1,653,500	$ 10,574,551	$ 46,140,000	$ 126,870,000	$ 36,650,000	$ 17,670,000	$ 273,690,360
Project Category Summary by Priority											
Priority Class 1 - Currently Critical (Immediate to Two Years)											
Egress and Ingress (Paving, Striping, Curbing, Street Lights and Signs)				$ 90,000	$ 12,500			$ 2,000,000		$ 669,318	$ 2,771,818
Electrical Systems	$ 500,000	$ 27,000			$ 35,000	$ 1,428,409		$ 2,750,000	$ 2,700,000		$ 7,440,409
Elevator Systems	$ 1,800,000										$ 1,800,000
Exterior Systems (Glazing, Stucco, Paint)		$ 150,000	$ 500,000	$ 30,000	$ 12,000		$ 856,000	$ 2,500,000		$ 260,682	$ 4,308,682
Fire & Life Safety	$ 8,600,000	$ 1,558,800		$ 295,000	$ 65,000	$ 350,000		$ 1,000,000	$ 2,150,000	$ 401,591	$ 14,420,391
Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)								$ 1,500,000	$ 2,100,000	$ 302,955	$ 3,902,955
Landscape (Drainage, irrigation, Rails, Walk Paths, Gutters)											$ -
Lighting											$ -
Mechanical Systems (HVAC)	$ 750,000	$ 1,140,000		$ 410,000	$ 60,000	$ 867,000		$ 1,500,000	$ 18,500,000	$ 5,439,091	$ 28,666,091
Other		$ 1,660,709									$ 1,660,709
Plumbing											$ -
Roofing Systems		$ 648,000				$ 354,488		$ 3,200,000	$ 5,200,000	$ 387,500	$ 9,789,988
Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)		$ 944,400	$ 2,785,000		$ 1,434,000			$ 5,000,000	$ 6,000,000	$ 775,000	$ 16,938,400
Security Systems											$ -
Telecommunications											$ -
Utilities (Water-Gas-Sewer)											$ -
Total Priority Class 1	$ 11,650,000	$ 6,128,909	$ 3,285,000	$ 825,000	$ 1,618,500	$ 2,999,897	$ 856,000	$ 19,450,000	$ 36,650,000	$ 8,236,136	$ 91,699,442
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)											
Egress and Ingress (Paving, Striping, Curbing, Street Lights and Signs)		$ 1,092,000		$ 100,000						$ 49,318	$ 1,241,318
Electrical Systems		$ 48,000						$ 5,250,000		$ 796,136	$ 6,094,136
Elevator Systems				$ 40,000			$ 2,950,000	$ 4,250,000			$ 7,240,000
Exterior Systems (Glazing, Stucco, Paint)		$ 258,000					$ 2,950,000	$ 8,775,000			$ 11,983,000
Fire & Life Safety		$ 1,779,600									$ 1,779,600
Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)		$ 168,000		$ 50,000		$ 644,740	$ 6,000			$ 612,955	$ 1,481,695
Landscape (Drainage, irrigation, Rails, Walk Paths, Gutters)		$ 108,000						$ 500,000			$ 608,000
Lighting							$ 800,000			$ 472,045	$ 1,272,045
Mechanical Systems (HVAC)		$ 500,400				$ 340,000	$ 3,696,000			$ 908,864	$ 5,445,264
Other											$ -
Plumbing		$ 90,000		$ 75,000							$ 165,000
Roofing Systems					$ 2,500			$ 11,100,000		$ 958,182	$ 12,060,682
Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)		$ 289,200			$ 30,000		$ 35,000	$ 1,500,000			$ 1,854,200
Security Systems						$ 191,117		$ 3,400,000			$ 3,591,117
Telecommunications											$ -
Utilities (Water-Gas-Sewer)								$ 4,620,000			$ 4,620,000
Total Priority Class 2	$ -	$ 4,333,200	$ -	$ 265,000	$ 32,500	$ 1,175,857	$ 10,437,000	$ 39,395,000	$ -	$ 3,797,500	$ 59,436,057
Priority Class 3 - Long-term Maintenance (Four to Ten Years)											
Egress and Ingress (Paving, Striping, Curbing, Street Lights and Signs)		$ 21,600		$ 50,000				$ 800,000			$ 871,600
Electrical Systems		$ 300,000		$ 95,000		$ 2,440,075					$ 2,835,075
Elevator Systems				$ 45,000				$ 2,000,000			$ 2,045,000
Exterior Systems (Glazing, Stucco, Paint)		$ 210,000		$ 110,000		$ 130,281	$ 1,440,000	$ 3,100,000			$ 4,990,281
Fire & Life Safety				$ 1,964,000			$ 390,000				$ 2,354,000
Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)						$ 1,020,941	$ 797,000	$ 800,000			$ 2,617,941
Landscape (Drainage, irrigation, Rails, Walk Paths, Gutters)				$ 15,000							$ 15,000
Lighting				$ 207,000	$ 2,500						$ 209,500
Mechanical Systems (HVAC)				$ 95,000		$ 2,477,500	$ 320,000	$ 2,000,000		$ 704,545	$ 5,597,045
Other				$ 12,000			$ 30,700,000				$ 30,712,000
Plumbing						$ 330,000					$ 330,000
Roofing Systems				$ 230,000			$ 1,200,000	$ 900,000			$ 2,330,000
Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)				$ 15,000							$ 15,000
Security Systems								$ 8,000,000			$ 8,000,000
Telecommunications											$ -
Utilities (Water-Gas-Sewer)								$ 8,000,000			$ 8,000,000
Total Priority Class 3	$ -	$ 531,600	$ -	$ 2,838,000	$ 2,500	$ 6,398,797	$ 34,847,000	$ 25,600,000	$ -	$ 704,545	$ 70,922,442
Priority Class 4 - Cost Saving Measures											
Egress and Ingress (Paving, Striping, Curbing, Street Lights and Signs)											$ -
Electrical Systems		$ 732,000								$ 457,955	$ 1,189,955
Elevator Systems											$ -
Exterior Systems (Glazing, Stucco, Paint)											$ -
Fire & Life Safety											$ -
Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)										$ 1,648,636	$ 1,648,636
Landscape (Drainage, irrigation, Rails, Walk Paths, Gutters)								$ 6,000,000			$ 6,000,000
Lighting								$ 5,000,000		$ 359,318	$ 5,359,318
Mechanical Systems (HVAC)		$ 138,000						$ 8,000,000			$ 8,138,000
Other											$ -
Plumbing											$ -
Roofing Systems											$ -
Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)											$ -
Security Systems											$ -
Telecommunications											$ -
Utilities (Water-Gas-Sewer)								$ 15,425,000			$ 15,425,000
Total Priority Class 4	$ -	$ 870,000	$ -	$ -	$ -	$ -	$ -	$ 34,425,000	$ -	$ 2,465,909	$ 37,760,909

Nevada System of Higher Education

Deferred Maintenance Program

Funding Request Summary

Institution	CSN	DRI	GBC	NSC	SA	SCS	TMCC	UNLV	UNR	WNC	Total
Priority Class 5 - Socially Responsible Projects											
Egress and Ingress (Paying, Striping, Curbing, Street Lights and Signs)											$ -
Electrical Systems		$ 333,600						$ 8,000,000			$ 8,333,600
Elevator Systems											$ -
Exterior Systems (Glazing, Stucco, Paint)		$ 462,000									$ 462,000
Fire & Life Safety		$ 2,100,000									$ 2,100,000
Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)											$ -
Landscape (Drainage, irrigation, Rails, Walk Paths, Gutters)											$ -
Lighting											$ -
Mechanical Systems (HVAC)		$ 510,000									$ 510,000
Other										$ 915,909	$ 915,909
Plumbing											$ -
Roofing Systems											$ -
Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)										$ 1,550,000	$ 1,550,000
Security Systems											$ -
Telecommunications											$ -
Utilities (Water-Gas-Sewer)											$ -
Total Priority Class 5	$ -	$ 3,405,600	$ -	$ -	$ -	$ -	$ -	$ 8,000,000	$ -	$ 2,465,909	$ 13,871,509
Totals by Project Category											
Egress and Ingress (Paying, Striping, Curbing, Street Lights and Signs)	$ -	$ 1,113,600	$ -	$ 240,000	$ 12,500	$ -	$ -	$ 2,800,000	$ -	$ 718,636	$ 4,884,736
Electrical Systems	$ 500,000	$ 1,440,600	$ -	$ 95,000	$ 35,000	$ 3,868,484	$ -	$ 16,000,000	$ 2,700,000	$ 1,254,091	$ 25,893,175
Elevator Systems	$ 1,800,000	$ -	$ -	$ 85,000	$ -	$ -	$ 2,950,000	$ 6,250,000	$ -	$ -	$ 11,085,000
Exterior Systems (Glazing, Stucco, Paint)	$ -	$ 1,080,000	$ 500,000	$ 140,000	$ 12,000	$ 130,281	$ 5,246,000	$ 14,375,000	$ -	$ 260,682	$ 21,743,963
Fire & Life Safety	$ 8,600,000	$ 5,438,400	$ -	$ 2,259,000	$ 65,000	$ 350,000	$ 390,000	$ 1,000,000	$ 2,150,000	$ 401,591	$ 20,653,991
Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	$ -	$ 168,000	$ -	$ 50,000	$ -	$ 1,665,681	$ 803,000	$ 2,300,000	$ 2,100,000	$ 2,564,545	$ 9,651,226
Landscape (Drainage, irrigation, Rails, Walk Paths, Gutters)	$ -	$ 108,000	$ -	$ 15,000	$ -	$ -	$ -	$ 6,500,000	$ -	$ -	$ 6,623,000
Lighting	$ -	$ -	$ -	$ 207,000	$ 2,500	$ -	$ 800,000	$ 5,000,000	$ -	$ 831,364	$ 6,840,864
Mechanical Systems (HVAC)	$ 750,000	$ 2,288,400	$ -	$ 505,000	$ 60,000	$ 3,684,500	$ 4,016,000	$ 11,500,000	$ 18,500,000	$ 7,052,500	$ 48,356,400
Other	$ -	$ 1,660,709	$ -	$ 12,000	$ -	$ -	$ 30,700,000	$ -	$ -	$ 915,909	$ 33,288,618
Plumbing	$ -	$ 90,000	$ -	$ 75,000	$ -	$ 330,000	$ -	$ -	$ -	$ -	$ 495,000
Roofing Systems	$ -	$ 648,000	$ -	$ 230,000	$ 2,500	$ 354,488	$ 1,200,000	$ 15,200,000	$ 5,200,000	$ 1,345,682	$ 24,180,670
Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	$ -	$ 1,233,600	$ 2,785,000	$ 15,000	$ 1,464,000	$ -	$ 35,000	$ 6,500,000	$ 6,000,000	$ 2,325,000	$ 20,357,600
Security Systems	$ -	$ -	$ -	$ -	$ -	$ 191,117	$ -	$ 11,400,000	$ -	$ -	$ 11,591,117
Telecommunications	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Utilities (Water-Gas-Sewer)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 28,045,000	$ -	$ -	$ 28,045,000
Totals Project Category by Institution	$ 11,650,000	$ 15,269,309	$ 3,285,000	$ 3,928,000	$ 1,653,500	$ 10,574,551	$ 46,140,000	$ 126,870,000	$ 36,650,000	$ 17,670,000	$ 273,690,360

College of Southern Nevada

Deferred Maintenance Program

List of Funding Requests

Priority Criteria	Project Category	Institution>Campus>Location	Project Description	Evaluation Date	Age	Estimated Cost	Ranking
Priority Class 1 - Currently Critical (Immediate to Two Years)	Fire & Life Safety	CSN - North Las Vegas Campus	NLV Central Plant Cooling Tower	Mar-22		$ 750,000	1
Priority Class 1 - Currently Critical (Immediate to Two Years)	Fire & Life Safety	CSN - Charleston Campus	WC G Building Mechanical Renovation	Mar-22		$ 900,000	2
Priority Class 1 - Currently Critical (Immediate to Two Years)	Fire & Life Safety	CSN - North Las Vegas Campus	NLV Central Plant Chiller (two chillers)	Jan-20		$ 1,500,000	3
Priority Class 1 - Currently Critical (Immediate to Two Years)	Fire & Life Safety	CSN - Charleston Campus > E - Administration Center	WC E Building Chiller	Jan-20		$ 500,000	4
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	CSN - North Las Vegas Campus	NLV Central Plant Chiller	Mar-22		$ 750,000	5
Priority Class 1 - Currently Critical (Immediate to Two Years)	Fire & Life Safety	CSN - North Las Vegas Campus	NLV Horn Theater AHU	Mar-22		$ 1,250,000	6
Priority Class 1 - Currently Critical (Immediate to Two Years)	Elevator Systems	CSN - All campuses and sites	Mesquite Building Improvements	Mar-22		$ 1,800,000	7

College of Southern Nevada

Deferred Maintenance Program

List of Funding Requests

Priority Criteria	Project Category	Institution>Campus>Location	Project Description	Evaluation Date	Age	Estimated Cost	Ranking
Priority Class 1 - Currently Critical (Immediate to Two Years)	Fire & Life Safety	CSN - Henderson Campus	HN North Access Road	Feb-20		$ 3,200,000	8
Priority Class 1 - Currently Critical (Immediate to Two Years)		CSN - Green Valley High Tech Center	GV HTC Chiller	Mar-22	Fire & Life Safety	$ 500,000	9
Priority Class 1 - Currently Critical (Immediate to Two Years)	Electrical Systems	CSN - All campuses and sites	Elevator Replacement	Mar-22		$ 500,000	10

Desert Research Institute

Deferred Maintenance Program

List of Funding Requests

Priority Criteria	Project Category	Institution>Campus>Location	Project Description	Evaluation Date	Age	Estimated Cost - 2021	Estimated Cost -2023	Ranking
Priority Class 1 - Currently Critical (Immediate to Two Years)	Fire & Life Safety	DRI - Multiple buildings and locations	Install fire sprinklers - DRI Boulder City, DRI Stead and DRI Reno. Project will provide fire suppression systems in DRI buildings that currently do not have sprinklers installed.	Dec-21	N/A	$ 839,000	$ 1,006,800	1
	Mechanical Systems (HVAC)	DRI - Las Vegas	Replace HVAC Bldg. Controls	Dec-21	19 years	$ 385,000	$ 462,000	2
	Electrical Systems		Solar PV Systems - Grid Isolation	Dec-21	Varies	$ 228,000	$ 273,600	3
Priority Class 2 - Necessary - Not Yet	Egress and Ingress (Paying, Stripping,	DRI - Reno > Northern Nevada Science Center	NNSC - Stair replacement NNSC employee entrance	Dec-21	23 years	$ 125,000	$ 150,000	4
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	DRI - Reno > Northern Nevada Science Center	Replace chillers and remove/replace associated thermal storage (ice) tanks. One thermal storage tank has already failed and been removed. Chillers are beyond	Dec-21	23 years	$ 800,000	$ 960,000	5
Priority Class 1 - Currently Critical (Immediate to Two Years)	Roofing Systems	DRI - Reno > Northern Nevada Science Center	Replace single ply roof system. Roof is beyond the end of service life. Several sections have already failed and been replaced - the balance of the roof must be	Dec-21	23 years	$ 540,000	$ 648,000	6
	Exterior Systems (Glazing, Stucco, Paint)	DRI - Reno > Northern Nevada Science Center	Repair failed hollow metal frames and glazing systems	Dec-21	23 years	$ 385,000	$ 462,000	7
Priority Class 1 - Currently Critical		DRI - Las Vegas > Southern Nevada Science Center PI Administration	Heat Pump Loop Piping Repair. Piping taps have corroded and require immediate	Dec-21	Mechanical	$ 150,000	$ 180,000	8
Priority Class 1 - Currently Critical (Immediate to Two Years)	Fire & Life Safety	DRI - Stead	Replace obsolete fire alarm systems - bldgs. 35, 35A	Dec-21	> 60 years	$ 80,000	$ 96,000	9
Priority Class 1 - Currently Critical (Immediate to Two Years)	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	DRI - All Buildings	Replace obsolete door hardware to meet ADA - Lever type door handles & rekey interior doors	Dec-21	Varies	$ 150,000	$ 180,000	10
Priority Class 1 - Currently Critical	Safety (ADA, Asbestos, GCFI Outlets, Fall	DRI - All Buildings	Upgrade restrooms to meet ADA	Dec-21	Varies	$ 285,000	$ 342,000	11
Priority Class 1 - Currently Critical (Immediate to Two Years)	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	DRI - Las Vegas & Reno	Select emergency shower & eyewash upgrade/replacement	Dec-21	Varies	$ 195,000	$ 234,000	12
Priority Class 1 - Currently Critical (Immediate to Two Years)	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	DRI - All Buildings	Upgrade interior signage to meet ADA	Dec-21	Varies	$ 135,000	$ 162,000	13
Priority Class 1 - Currently Critical	Exterior Systems (Glazing, Stucco, Paint)	DRI - Boulder City	Exterior envelope repair	Dec-21	46 years	$ 35,000	$ 42,000	14
Priority Class 1 - Currently Critical	Fire & Life Safety	DRI - Reno > Maxey Science Building	Investigate structural movement & repair building cracks	Dec-21	45 years	$ 105,000	$ 126,000	15
Priority Class 1 - Currently Critical (Immediate to Two Years)	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	DRI - Reno > Maxey Science Building	Replace drinking fountains with dual level type.	Dec-21	45 years	$ 22,000	$ 26,400	16
Priority Class 2 - Necessary - Not Yet	Egress and Ingress (Paying, Stripping,	DRI - Reno > Maxey Science Building	Replace failed parking lot/driveway paving	Dec-21	22 years	$ 680,000	$ 816,000	17
Priority Class 2 - Necessary - Not Yet	Interior Systems (Ceilings, Flooring, Doors	DRI - Reno > Northern Nevada Science Center	replace carpeting	Dec-21	23 years	$ 140,000	$ 168,000	18
Priority Class 2 - Necessary - Not Yet	Mechanical Systems (HVAC)	DRI - Reno > Maxey Science Building	Replace VAV mixing boxes & fiberboard ductwork	Dec-21	45 years	$ 375,000	$ 450,000	19
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	DRI - Las Vegas > Southern Nevada Science Center PI Administration	Kitchenette accessibility upgrade	Dec-21	31 years	$ 180,000	$ 216,000	20
Priority Class 2 - Necessary - Not Yet	Egress and Ingress (Paying, Stripping,	DRI - Las Vegas > Southern Nevada Science Center PI	Add lighting to Tropicana Wash Bridge	Dec-21	24 years	$ 40,000	$ 48,000	
Priority Class 1 - Currently Critical	Other	DRI - Boulder City	Comprehensive building upgrade: add elevator & other ADA improvements, fire	Dec-21	46 years	$ 1,383,924	$ 1,660,709	
	Fire & Life Safety	DRI - Reno > Maxey Science Building	Replace fume hoods & upgrade central systems	Dec-21	46 years	$ 1,750,000	$ 2,100,000	
Priority Class 2 - Necessary - Not Yet	Fire & Life Safety	DRI - Las Vegas > Southern Nevada Science Center PI	Replace fume hoods & upgrade central systems	Dec-21	31 years	$ 483,000	$ 579,600	
Priority Class 2 - Necessary - Not Yet	Fire & Life Safety	DRI - Reno > Dorothy S. Gallagher Great Basin Env. Res.	Replace fume hoods & upgrade central systems	Dec-21	31 years	$ 325,000	$ 390,000	
Priority Class 2 - Necessary - Not Yet	Plumbing	DRI - Reno > Maxey Science Building	Replace/Upgrade Maxey DI/RO Water System	Dec-21	22 years	$ 75,000	$ 90,000	
Priority Class 4 - Cost Saving Measures	Mechanical Systems (HVAC)	DRI - Reno > Northern Nevada Science Center	Install heat recovery coil & piping	Dec-21	23 years	$ 115,000	$ 138,000	
Priority Class 2 - Necessary - Not Yet	Fire & Life Safety	DRI - Reno > Maxey Science Building	Seismic structural analysis & repair - estimate	Dec-21	46 years	$ 500,000	$ 600,000	
Priority Class 2 - Necessary - Not Yet	Fire & Life Safety	DRI - Las Vegas > Frank H. Rogers Science & Technology	replace obsolete fire alarm system	Dec-21	19 years	$ 175,000	$ 210,000	
Priority Class 2 - Necessary - Not Yet	Mechanical Systems (HVAC)	DRI - Las Vegas > Southern Nevada Science Center PI	Replace Central Plant Cooling Tower Piping	Dec-21	31 years	$ 42,000	$ 50,400	
Priority Class 1 - Currently Critical	Electrical Systems	DRI - Stead	Replace obsolete lighting	Dec-21	42 years	$ 22,500	$ 27,000	
Priority Class 2 - Necessary - Not Yet	Electrical Systems	DRI - Reno > Maxey Science Building	Maxey Electrical Emergency Power Transfer Switch	Dec-21	46 years	$ 40,000	$ 48,000	
Priority Class 3 - Long-term Maintenance	Exterior Systems (Glazing, Stucco, Paint)	DRI - Reno > Maxey Science Building	Exterior window replacement	Dec-21	46 years	$ 175,000	$ 210,000	
Priority Class 3 - Long-term Maintenance	Electrical Systems	DRI - Reno > Maxey Science Building	Main Electrical distribution System Upgrades	Dec-21	46 years	$ 250,000	$ 300,000	
Priority Class 4 - Cost Saving Measures	Electrical Systems	DRI - Reno > Maxey Science Building	Interior Lighting Upgrade - Office Areas	Dec-21	46 years	$ 165,000	$ 198,000	
Priority Class 2 - Necessary - Not Yet	Safety (ADA, Asbestos, GCFI Outlets, Fall	DRI - Reno > Maxey Science Building	Replace Kitchenette Unit - ADA Compliance	Dec-21	46 years	$ 16,000	$ 19,200	
Priority Class 4 - Cost Saving Measures	Electrical Systems	DRI - Las Vegas > Frank H. Rogers Science & Technology	Lighting Retrofit	Dec-21	19 years	$ 45,000	$ 54,000	
Priority Class 2 - Necessary - Not Yet	Exterior Systems (Glazing, Stucco, Paint)	DRI - Las Vegas > Southern Nevada Science Center PI	Exterior Clean and Seal	Dec-21	31 years	$ 85,000	$ 102,000	

Desert Research Institute

Deferred Maintenance Program

List of Funding Requests

Priority Criteria	Project Category	Institution>Campus>Location	Project Description	Evaluation Date	Age	Estimated Cost - 2021	Estimated Cost -2023	Ranking
Priority Class 2 - Necessary - Not Yet	Exterior Systems (Glazing, Stucco, Paint)	DRI - Las Vegas > Frank H. Rogers Science & Technology	Exterior Clean and Seal	Dec-21	19 years	$ 110,000	$ 132,000	
Priority Class 1 - Currently Critical	Exterior Systems (Glazing, Stucco, Paint)	DRI - Stead	Exterior Paint - Bldgs. 33, 34, 35 & 38	Dec-21	42 years	$ 90,000	$ 108,000	
Priority Class 2 - Necessary - Not Yet	Landscape (Drainage, irrigation, Rails, Walk	DRI - Stead	Stead - Landscaping Repair/Renovation	Dec-21	42 years	$ 90,000	$ 108,000	
Priority Class 2 - Necessary - Not Yet	Egress and Ingress (Paying, Stripping,	DRI - Stead	Stead - Exterior Signage	Dec-21	42 years	$ 20,000	$ 24,000	
Priority Class 2 - Necessary - Not Yet	Egress and Ingress (Paying, Stripping,	DRI - Stead	Stead - Complete Paving	Dec-21	62 years	$ 45,000	$ 54,000	
Priority Class 3 - Long-term Maintenance	Egress and Ingress (Paying, Stripping,	DRI - Stead	Stead - Power Gate	Dec-21	42 years	$ 18,000	$ 21,600	
Priority Class 2 - Necessary - Not Yet	Exterior Systems (Glazing, Stucco, Paint)	DRI - Reno > Northern Nevada Science Center	NNSC - NNSC Windscreen at east employee entrance	Dec-21	23 years	$ 20,000	$ 24,000	
Priority Class 4 - Cost Saving Measures	Electrical Systems	DRI - Reno > Northern Nevada Science Center	25kV 2nd feed from NV Energy	Dec-21	12 years	$ 400,000	$ 480,000	
Priority Class 1 - Currently Critical	Fire & Life Safety	DRI - Reno > Maxey Science Building	Replace suspended ceiling system in building corridors - update to provide fire	Dec-21	46 years	$ 275,000	$ 330,000	7
Priority Class 2 - Necessary - Not Yet	Safety (ADA, Asbestos, GCFI Outlets, Fall	DRI - Las Vegas > Southern Nevada Science Center PI	Stairwell railing upgrades	Dec-21	31 years	$ 45,000	$ 54,000	
	Electrical Systems	DRI - Las Vegas	Emergency Generator Transfer Switch	Dec-21	31 years	$ 50,000	$ 60,000	
	Mechanical Systems (HVAC)	DRI - Las Vegas	Replace RO System, Rogers Bldg	Dec-21	31 years	$ 40,000	$ 48,000	

Great Basin College

Deferred Maintenance Program

List of Funding Requests

Priority Criteria	Project Category	Institution>Campus>Location	Project Description	Evaluation Date	Age	Estimated Cost	Ranking
Priority Class 1 - Currently Critical (Immediate to Two Years)	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	GBC - Elko Campus > Berg Hall	Address ADA access including entrance to building and departments. Modernize and update building with better signage, user friendly kiosks, and lighting. Upgrade HVAC and ventilation systems.	Jul-16	34 years	$ 2,500,000	1
	Lighting		Some equipment is original and others over 20 years old				
	Mechanical Systems (HVAC)						
Priority Class 1 - Currently Critical (Immediate to Two Years)	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	GBC - Elko Campus	Parking Lot and ADA Access Improvements at multiple locations with emphasis on Elko and Winnemucca	Jun-16	various	$ 285,000	2
	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)						
	Safety (ADA, Asbestos, GCFI Outlets, Fall	GBC - Winnemucca Center					
		GBC - Ely Center					
	Summary of submissions from each	GBC - Pahrump Valley Center >					
Priority Class 1 - Currently Critical	Exterior Systems (Glazing, Stucco, Paint)	GBC - Elko Campus	Exterior repairs to buildings including stucco, paint,	Jun-20	various	$ 500,000	3
		GBC - Winnemucca Center					
		GBC - Ely Center					
		GBC - Pahrump Valley Center >					

Nevada State College

Deferred Maintenance Program

List of Funding Requests

Priority Criteria	Project Category	Institution>Campus>Location	Project Description	Evaluation Date	Age	Estimated Cost	Ranking
Priority Class 1 - Currently Critical (Immediate to Two Years)	Fire & Life Safety	NSC - Main Campus > Liberal Arts and Sciences	Replace existing emergency generator with a larger generator, and re-wire the science lab spaces. The current emergency generator is not sized to provide continuous power to the science lab equipment in case of a power outage. Valuable research and science materials are at risk in case of an unexpected power outage.	Feb-20	14	$ 250,000	1
Priority Class 1 - Currently Critical (Immediate to Two Years)	Exterior Systems (Glazing, Stucco, Paint)	NSC - Main Campus > Raker Student Services	Raker Student Success building - remove and replace caulking all exterior doors, windows and construction joints	Feb-20	16	$ 30,000	2
Priority Class 1 - Currently Critical (Immediate to Two Years)	Fire & Life Safety	NSC - Main Campus > Liberal Arts and Sciences	Fire safing and fire caulking throughout the building	Sep-19	14	$ 15,000	3
Priority Class 1 - Currently Critical (Immediate to Two Years)	Fire & Life Safety	NSC - Main Campus > Raker Student Services	Fire safing and fire caulking throughout the building	Sep-19	16	$ 15,000	4
Priority Class 1 - Currently Critical (Immediate to Two Years)	Fire & Life Safety	NSC - Main Campus > Dawson Hall	Fire safing and fire caulking throughout the building	Sep-19	20	$ 15,000	5
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	NSC - Main Campus > Raker Student Services	Raker Student Success building - replace 14 rooftop HVAC units	Jan-20	16	$ 150,000	6
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	NSC - Main Campus > Dawson Hall	Replace 13 rooftop HVAC units	Jan-20	20	$ 160,000	7
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	NSC - Main Campus > Liberal Arts and Sciences	Hydronic loop control valves are failing; replace 14 control valves.	Sep-19	10	$ 70,000	8
Priority Class 1 - Currently Critical (Immediate to Two Years)		NSC - Main Campus > Dawson Hall	Remove and replace caulking all exterior doors, windows and construction joints	Feb-20	Summary of submissions from each institution with Life Safety and ADA components	$30,000	9
Priority Class 1 - Currently Critical (Immediate to Two Years)	Egress and Ingress (Paying, Striping, Curbing, Street Lights and Signs)	NSC - Main Campus	Repair sidewalks and construct connecting new sidewalks, with lighting to provide safe, ADA compliant, campus circulation	Sep-19	10	$ 90,000	10
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Plumbing	NSC - Main Campus > Dawson Hall	Renovate public restrooms	Feb-20	20	$75,000	11
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Elevator Systems	NSC - Main Campus > Rogers Students Center	Elevator fluid cooler system	Jan-20	6	$ 20,000	12
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Elevator Systems	NSC - Main Campus > Kasner Academic Building	Elevator fluid cooler system	Jan-20	6	$ 20,000	13

Nevada State College

Deferred Maintenance Program

List of Funding Requests

Priority Criteria	Project Category	Institution>Campus>Location	Project Description	Evaluation Date	Age	Estimated Cost	Ranking
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Egress and Ingress (Paying, Striping, Curbing, Street Lights and Signs)	NSC - Main Campus	Patch, repair and re-strip parking lots	Feb-20	6	$ 100,000	14
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	NSC - Main Campus > Liberal Arts and Sciences	Replace carpeting in classrooms	Feb-20	14	$ 50,000	15
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Roofing Systems	NSC - Main Campus > Liberal Arts and Sciences	Replace single ply roofing system	Feb-20	14	$ 125,000	16
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Roofing Systems	NSC - Main Campus > Raker Student Services	Edge metal/flashing and tile coping repair	Jan-21	16	$ 105,000	17
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Exterior Systems (Glazing, Stucco, Paint)	NSC - Main Campus > Raker Student Services	Elastomeric coating of stucco	Jan-21	16	$ 90,000	18
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Egress and Ingress (Paying, Striping, Curbing, Street Lights and Signs)	NSC - Main Campus	Wayfinding, pedestrian level to automotive travel	Jan-21	20	$ 50,000	19
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Electrical Systems	NSC - Main Campus	Power monitoring	Jan-21	20	$ 35,000	20
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Elevator Systems	NSC - Main Campus	Adding of new code required monitoring	Jan-21	20	$ 45,000	21
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Electrical Systems	NSC - Main Campus > Liberal Arts and Sciences	Solar system array upgrade	Jan-21	14	$ 60,000	22
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Exterior Systems (Glazing, Stucco, Paint)	NSC - Main Campus > Dawson Hall	Exterior paint, waterproofing and roof sealant	Jan-21	15	$ 20,000	23
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Lighting	NSC - Main Campus > Liberal Arts and Sciences	Classrooms and common spaces	Jan-21	14	$ 45,000	24
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Lighting	NSC - Main Campus > Rogers Students Center	Classrooms and common spaces	Jan-21	8	$ 70,000	25
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Lighting	NSC - Main Campus > Kasner Academic Building	Classrooms and common spaces	Jan-21	8	$ 75,000	26
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Lighting	NSC - Main Campus > Raker Student Services	Classrooms and common spaces	Jan-21	14	$ 12,000	27
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Landscape (Drainage, irrigation, Rails, Walk Paths, Gutters)	NSC - Main Campus > Liberal Arts and Sciences	Landscape re-work with stone hardscape replenishment	Jan-21	14	$ 15,000	28
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Mechanical Systems (HVAC)	NSC - Main Campus > Liberal Arts and Sciences	Chiller system replacement-end of life	Jan-21	14	$ 95,000	29
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	NSC - Main Campus > Liberal Arts and Sciences	Electrical outlets in classrooms	Jan-21	14	$ 15,000	30
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Lighting	NSC - Main Campus	Parking lot and sidewalk lighting to LED	Jan-21	20	$ 5,000	31
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Other	NSC - Main Campus > Liberal Arts and Sciences	Vacuum system (Refresh of internal components)	Jan-21	14	$ 12,000	32
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Fire & Life Safety	NSC - Main Campus > Liberal Arts and Sciences	Fire pump replacement to account for future buildings	Jan-21	14	$ 1,964,000	33

System Administration

Deferred Maintenance Program

List of Funding Requests

Priority Criteria	Project Category	Institution>Campus>Location	Project Description	Evaluation Date	Age in Years	Estimated Cost	Ranking
Priority Class 1 - Currently Critical (Immediate to Two Years)	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	SA - South	1. Increasing physical security and access controls. • Install anti-climb gate and fencing to create a secure parking lot enclosure for NSHE personnel. • Designate staff parking within secure parking area and visitor parking locations on the west side of the facility. • Designate safe room locations to provide cover and concealment until assistance or rescue is available. • Install telephones and duress buttons in designated safe rooms to ensure access to emergency communications. • Install intercom at main entrance to allow for remote screening of patrons prior to entry. • Install tinted safety film on exterior windows to increase privacy and safety for users. • Install wide-angle peep hole with privacy cover in rear exit door to increase natural surveillance of	21-Aug		$ 1,200,000	1
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	SA - Claude Howard Building	This building has 13 rooftop, standalone package Carrier brand AC units that supply both cooling and heating to the building and operate on NV Energy-supplied thermostats. Six (6) units were installed in 1997/1998 while the remaining seven (7) units were installed in 2006. All of the units appear to be in good condition. This system is maintained and serviced by the University's Utilities Services department. To be consistent with current University standards, these units should be upgraded to direct digital controls (DDC)2 and tie into the existing campus controls network.	Nov-17	1 was replace in 2021, 5@22 years and 7@ 14 years	$ 60,000	2
Priority Class 1 - Currently Critical (Immediate to Two Years)	Fire & Life Safety	SA - Claude Howard Building	The building has non-campus standard fire alarm control panel, but was tested and tagged acceptable in September of this year. The system currently consists of five (S) manual pull stations and two (2) duct detectors. The system will require a code update with smoke/heat detection installed throughout the building along with additional horn/strobes or adding a fire sprinkler system. The building has no fire sprinkler system.	Nov-17	30	$ 65,000	3
Priority Class 1 - Currently Critical (Immediate to Two Years)	Exterior Systems (Glazing, Stucco, Paint)	SA - Claude Howard Building	The overall condition of the exterior of the building is fair. The downspouts, some posts and the fascia on the north side, plus certain handrails on the building are in need of repainting. The stucco on the building including the north entrance foyer is in need of work. All cracks should be caulked and damaged stucco areas repaired to prevent additional deterioration. It is recommended that all stucco on the building is painted with elastomeric9 paint.	Nov-17		$ 12,000	4

System Administration

Deferred Maintenance Program

List of Funding Requests

Priority Criteria	Project Category	Institution>Campus>Location	Project Description	Evaluation Date	Age in Years	Estimated Cost	Ranking
Priority Class 1 - Currently Critical (Immediate to Two Years)	Electrical Systems	SA - Claude Howard Building	The existing electrical system is original to the building. Although it is considered to be moderately old at 30 years, it is in serviceable condition. The main switchboard is located in the main electrical room, Room 151. It is an 800A 208V/120V 3 phase 4 wire service. The main service disconnect is an 800A 3 pole circuit breaker and all the branch overcurrent devices in the main switchboard are fused devices. The building is not connected to the University's campus electrical distribution system. The service drop comes off of an NV Energy power pole on the west side of the property that runs underground to an NV Energy pad mounted transformer on the southwest corner of the building. The NV Energy electrical meter is located on the east face of the building, meter #AA015593430. The main switchboard feeds five (5) 208/120V 3 phase 4 wire branch panels. Panel AC rated at 400A is located in the main electrical room and feeds the 13 roof top HVAC units and exhaust fans. The other four (4) branch circuit panels feed the lighting and receptacle circuits throughout the building. The seal-tight conduits and disconnect switches on the roof top HVAC units are in disrepair and need to be fixed. No emergency generator or emergency electrical system exists in the building. Additionally, the emergency lighting does not meet code. There is minimal battery-operated emergency lighting in the corridors and restrooms. More emergency lighting is required in the corridors for emergency egress. There is no emergency lighting in conference room or at the exterior exits. The existing emergency lighting and exit signs are outdated and need to be completely replaced. The following repairs or testing are recommended: 1.Additional building mounted LED lighting on the north, west and	Nov-17	30	$ 35,000	5
Priority Class 1 - Currently Critical (Immediate to Two Years)	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	SA - Claude Howard Building	**ADA Accessibility Exterior/Site Accommodations:** Two accessible parking stalls are provided at the southeast corner for the site. Neither of these stalls are truly compliant. The existing slopes of the stall range from 3-7%, but a 2% pavement slope is required in all directions. •No "van accessible stall" is provided. At a minimum, one accessible stall with an 8' wide access aisle is required. •The site has 71 parking stalls provided. For this number of parking spaces, three (3) accessible stalls are required, but only two (2) are provided. •No accessible pathways to the adjacent accessible street right of ways currently exist. **ADA Interior Accommodations:** •The facility has an existing audio and visual fire alarm system. However, the facility is not fire sprinkler covered. •The facility has typical lever hardware. •The women's restroom vanity countertop and the top-mounted lavatory fixture rim is at 34- 1/2" above the floor. This is too high and should be lowered to meet the maximum allowed at 34". •There is a single 30x30 residential-type shower stall in the women's restroom. This fixture is not accessible and should be removed or replaced with an accessible stall. •The restrooms do not have GFCI outlets above the vanity counter.	Nov-17		$ 234,000	6
Priority Class 1 - Currently Critical (Immediate to Two Years)	Egress and Ingress (Paying, Striping, Curbing, Street Lights and Signs)	SA - Claude Howard Building	Cleaning and seal coating	Jan-20		$ 12,500	7

System Administration

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Priority Criteria	Project Category	Institution>Campus>Location	Project Description	Evaluation Date	Age in Years	Estimated Cost	Ranking
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Roofing Systems	SA - Claude Howard Building	This building has a Sarnafil membrane roof that was installed in 2005 by Western Single Ply. The warranty is valid through November 2020. The roof is holding up well and is considered to be in good shape. There are no obvious signs of cracking or discoloration. It is noted that there are no roof drains but, instead, only thru-wall scuppers which have caused leaks in the wall several years ago. There is some minor ponding behind mechanical units and skylights, which could have been eliminated if crickets had been installed. As part of the design for roof replacement when needed, it is recommended that crickets be installed behind all wide mechanical units and skylights.	Nov-17	15	$ 2,500	
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)		SA - Claude Howard Building	Two concerns exist regarding fall protection pertaining to the roof. First, the majority of rooftop work that may be required relates to servicing the HVAC units and equipment. This type of maintenance	Nov-17	Safety (ADA, Asbestos, GCFI Outlets, Fall	$ 30,000	

System Computing Services

Deferred Maintenance Program

List of Funding Requests

Priority Criteria	Project Category	Institution>Campus>Location	Project Description	Evaluation Date	Age in Years	Estimated Cost	Ranking
Priority Class 1 - Currently Critical (Immediate to Two Years)	Electrical Systems	SCS - System Data Center Las Vegas	Redundant electrical system upgrades for a computing center with critical loads	Apr-21	30	$ 1,428,409	1
Priority Class 1 - Currently Critical (Immediate to Two Years)	Fire & Life Safety	SCS - System Data Center Las Vegas	Computing center fire suppression system replacement; clean agent system with VESDA detection; conversion of wet to pre-action sprinkler system; emergency shutdown system	Nov-18	29	$ 350,000	2
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	SCS - System Data Center Las Vegas	Redundant cooling system for a computing center with critical loads-Phase One: Installation of a closed circuit cooling tower Phase Two: Chilled water supply and return piping will be connected the UNLV BSL central cooling plant and routed into the existing mechanical yard	Jun-21		$ 867,000	3
Priority Class 1 - Currently Critical (Immediate to Two Years)	Roofing Systems	SCS - System Data Center Las Vegas	Computing center life cycle roof replacement	Jan-18	29	$ 354,488	4
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Security	SCS - System Data Center Las Vegas	Upgrade current security systems for SCS Reno and SCS LV; new installation for SCS Elko	Oct-21	13	$ 191,117	5
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Mechanical Systems (HVAC)	SCS - System Data Center Las Vegas	Computing center life cycle replacement of building heat pumps	Mar-15	12	$ 340,000	6
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	SCS - System Data Center Las Vegas	Computing center life cycle replacement of raised flooring (approximately 3441 sq ft)	Jun-14	29	$ 644,740	7
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Electrical Systems	SCS - System Data Center Las Vegas	Install renewable energy system; solar panels	Mar-13		$ 790,075	11
Priority Class 3 - Long-term Maintenance (Four to Ten Years)		SCS - System Data Center Reno	Redundant electrical system upgrades for a computing center with critical loads	Nov-17	Electrical Systems	$ 1,650,000	17
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Exterior Systems (Glazing, Stucco, Paint)	SCS - System Data Center Las Vegas	Building exterior refurbishment; stucco and paint	Mar-15	29	$ 130,281	13
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	SCS - System Data Center Las Vegas	Building window repairs; more than 25% of windows leak due to weather worn window seals	Jun-08	29	$ 171,875	10
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	SCS - System Data Center Las Vegas	Building interior refurbishment; paint, carpet, and flooring for 90% of interior spaces	Mar-15	29	$ 228,066	12

System Computing Services

Deferred Maintenance Program

List of Funding Requests

Priority Criteria	Project Category	Institution>Campus>Location	Project Description	Evaluation Date	Age in Years	Estimated Cost	Ranking
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	SCS - System Data Center Reno	Computing center life cycle replacement of raised flooring (approximately 2822 sq ft)	Jun-17	30	$ 621,000	14
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Mechanical Systems (HVAC)	SCS - System Data Center Las Vegas	Computing center cooling system upgrade to accommdate high power/high density IT equipment deployment	Dec-17	10	$ 750,000	9
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Mechanical Systems (HVAC)	SCS - System Data Center Reno	Computing center life cycle replacement of computer room air conditioning units	Nov-17	48	$ 402,500	15
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Mechanical Systems (HVAC)	SCS - System Data Center Reno	Computing center life cycle replacement of water cooled chiller	Nov-17	33	$ 575,000	16
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Mechanical Systems (HVAC)	SCS - System Data Center Reno	Computing center cooling system upgrade to accommdate high power/high density IT equipment deployment	Jun-17	33	$ 750,000	18
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Plumbing	SCS - System Data Center Las Vegas	Building hydronic system piping replacement; service life of large sections of cooling system piping shortened severely due to past improper cooling water chemistry practices	Dec-17	29	$ 330,000	8
						$ 10,574,551	

Truckee Meadows Community College

Deferred Maintenance Program

List of Funding Requests

Priority Criteria	Project Category	Institution>Campus>Location	Project Description	Evaluation Date	Age	Estimated Cost	Ranking
Priority Class 1 - Currently Critical (Immediate to Two Years)	Exterior Systems (Glazing, Stucco, Paint)	TMCC - Truckee Meadows Community College - Dandini Campus > Red Mountain Building	RDMT Door @ Police Services	Apr-19	41	$ 13,000	1
Priority Class 1 - Currently Critical (Immediate to Two Years)	Exterior Systems (Glazing, Stucco, Paint)	TMCC - Truckee Meadows Community College - Dandini Campus > Vista Building	Vista entrance slider replacement	Apr-19	29	$ 18,000	2
Priority Class 1 - Currently Critical (Immediate to Two Years)	Exterior Systems (Glazing, Stucco, Paint)	TMCC - Truckee Meadows Community College - Dandini Campus > Red Mountain Building	Red Mountain Slider Door Entrance	Apr-19	41	$ 25,000	3
Priority Class 1 - Currently Critical (Immediate to Two Years)	Exterior Systems (Glazing, Stucco, Paint)	TMCC - Truckee Meadows Community College - Dandini Campus > Red Mountain Building	Red Mountain Envelope Repairs	Apr-19	45	$ 800,000	4
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Summary of submissions from each institution with Life Safety and ADA components	TMCC - Applied Technology Center	Edison Asbestos Abatement Auto Classroom	Apr-19	45	$ 35,000	5
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Elevator Systems	TMCC - Meadowood Center	Elevator Refurbishment and Addition MDWD Ctr	Apr-19	36	$ 600,000	6
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Lighting	TMCC - Truckee Meadows Community College - Dandini Campus	Dandini Parking Lot Light Conversion	Apr-19	32	$ 300,000	7
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Mechanical Systems (HVAC)	TMCC - Truckee Meadows Community College - Dandini Campus > Sierra Building	Sierra HVAC Heat Pump Replacement	Apr-19	27	$ 1,200,000	8
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)		TMCC - Truckee Meadows Community College - Dandini Campus	Mutiple sites Water Heater Replacement	Apr-19	Mechanical Systems (HVAC)	$ 11,000	9
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Mechanical Systems (HVAC)	TMCC - William N. Pennington Health Science Center	Redfield HVAC Control Replacement - Alerton	Apr-19	16	$ 85,000	10
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Mechanical Systems (HVAC)	TMCC - Truckee Meadows Community College - Dandini Campus > Vista Building	Vista Controller Upgrade	Apr-19	29	$ 132,000	11
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Exterior Systems (Glazing, Stucco, Paint)	TMCC - Truckee Meadows Community College - Dandini Campus > Sierra Building	Sierra Lobby Entrance Doors	Apr-19	25	$ 40,000	12
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Lighting	TMCC - Truckee Meadows Community College - Dandini Campus > Sierra Building	Sierra Building LED Retrofit	Apr-19	25	$ 500,000	13
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Exterior Systems (Glazing, Stucco, Paint)	TMCC - Truckee Meadows Community College - Dandini Campus > Red Mountain Building	Red Mountain Skylight Replacement	Apr-19	34	$ 360,000	14
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Mechanical Systems (HVAC)	TMCC - Truckee Meadows Community College - Dandini Campus > Red Mountain Building	Red Mountain science lab exhaust	Apr-19	34	$ 360,000	15
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Mechanical Systems (HVAC)	TMCC - Truckee Meadows Community College - Dandini Campus > Sierra Building	Library Heat Pump Replacement	Apr-19	26	$ 365,000	16
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Mechanical Systems (HVAC)	TMCC - Truckee Meadows Community College - Dandini Campus > Vista Building	Vista Heat Pump Replacement	Apr-19	29	$ 425,000	17
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Mechanical Systems (HVAC)	TMCC - Truckee Meadows Community College - Dandini Campus > Vista Building	Child Care Heat Pump Replacement	Apr-19	29	$ 198,000	18
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Mechanical Systems (HVAC)	TMCC - Truckee Meadows Community College - Dandini Campus > Red Mountain Building	Red Mountain Phase 4 Heat Pump Replacement	Apr-19	34	$ 920,000	19
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	TMCC - Truckee Meadows Community College - Dandini Campus > Vista Building	Vista B206 Flooring	Apr-19	29	$ 6,000	20
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Exterior Systems (Glazing, Stucco, Paint)	TMCC - Truckee Meadows Community College - Dandini Campus	Door Replacement Multiple Sites	Apr-19	31	$ 2,550,000	21

Truckee Meadows Community College

Deferred Maintenance Program

List of Funding Requests

Priority Criteria	Project Category	Institution>Campus>Location	Project Description	Evaluation Date	Age	Estimated Cost	Ranking
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Elevator Systems	TMCC - Truckee Meadows Community College - Dandini Campus	Elevator Addition and Refurbishment Multiple	Apr-19	31	$ 2,350,000	22
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Roofing Systems	TMCC - William N. Pennington Health Science Center	Redfield Roof Replacement	Apr-19	17	$ 1,200,000	23
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Mechanical Systems (HVAC)	TMCC - Truckee Meadows Community College - Dandini Campus > Red Mountain Building	Red Mountain Heat Pump Replacement	Apr-19	41	$ 320,000	24
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Fire & Life Safety	TMCC - Truckee Meadows Community College - Dandini Campus > Red Mountain Building	Red Mountain Mechanical Shaft Upgrade	Apr-19	45	$ 390,000	25
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	TMCC - Truckee Meadows Community College - Dandini Campus > Red Mountain Building	Student Center Area Flooring	Apr-19	17	$ 293,000	26
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Other	TMCC - Truckee Meadows Community College - Dandini Campus > Red Mountain Building	Red Mountain Phase 2 Seismic Upgrades	Apr-19	45	$ 4,800,000	27
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Other	TMCC - Truckee Meadows Community College - Dandini Campus > Red Mountain Building	Red Mountain Phase 3 Seismic Upgrades	Apr-19	41	$ 10,500,000	28
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Other	TMCC - Applied Technology Center	Edison Seismic Upgrades	Apr-19	45	$ 15,400,000	29
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	TMCC - Truckee Meadows Community College - Dandini Campus	Multiple Sites Casework Replacement	Apr-19	31	$ 308,000	30
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	TMCC - Truckee Meadows Community College - Dandini Campus	Multiple Sites Ceiling Replacement	Apr-19	31	$ 196,000	31
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Exterior Systems (Glazing, Stucco, Paint)	TMCC - Meadowood Center	Meadowood Window Replacement	Apr-19	36	$ 1,440,000	32

University of Nevada, Las Vegas

Deferred Maintenance Program

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	Priority Criteria	Project Category	Institution>Campus>Location	Project Description	Evaluation Date	Age	Estimated Cost	Ranking
1	Priority Class 1 - Currently Critical (Immediate to Two Years)	Elevator Systems	UNLV1-Maryland Campus	Phase 1: Campus wide elevators replacement/ repairs	CY2022		$ 2,000,000	1
2	Priority Class 1 - Currently Critical (Immediate to Two Years)	Fire & Life Safety	UNLV1-Maryland Campus	Fire alarm panel and device upgrades, and other code updates at MPE, CEB, BEH, CBC-A, RAB, CHE and HFA.	CY2022		$ 350,000	2
5	Priority Class 1 - Currently Critical (Immediate to Two Years)	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	UNLV1-Maryland Campus	Phase 1: Fall Protection on multiple Roofs - FDH, BEH, HRC, eye wash stations, and chemical storage	CY2022		$ 2,400,000	2
5	Priority Class 1 - Currently Critical (Immediate to Two Years)	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	UNLV1-Maryland Campus	Phase 2: Fall Protection on multiple Roofs	CY2022		$ 2,500,000	2
56	Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Utilities (Water-Gas-Sewer)	UNLV1-Maryland Campus	Phase 2: Replace and reline sewer lines, replace utility vaults on rated roads, and replace water lines and valves.	CY2022		$ 1,000,000	2
7	Priority Class 1 - Currently Critical (Immediate to Two Years)	Egress and Ingress (Paying, Striping, Curbing, Street Lights and Signs)	UNLV1-Maryland Campus	Phase 1: Replace cracked concrete throughout Campus	CY2022		$ 1,500,000	3
63	Priority Class 4 - Cost Saving Measures	Mechanical Systems (HVAC)	UNLV1-Maryland Campus	Test and balance to various campus buildings. Many mechanical system are out of calibration due to the changes that have taken place on campus with modifications to spaces, or other mechanical system improvments. Testing and air balance will improve operational efficiency, but also occupant comfort.	CY2022		$ 500,000	3
64	Priority Class 4 - Cost Saving Measures	Utilities	UNLV1-Maryland Campus	Install building-level energy and water meters on entire campus	CY2022		$ 1,000,000	3
8		Roofing Systems	UNLV1-Maryland Campus	Phase 1: Full Roof replacement on five campus buildings; HRC, MSM, FAB,	Priority Class 1 - Currently		$ 3,200,000	4
27	Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Security Systems	UNLV1-Maryland Campus	Access Control updates; This project includes the rekey of all campus buildings to accomodate the expiration of key patents, building master security, and the additional of electronic access control to sensitive mechanical spaces. These mechanical spaces are particularly sensitive due to the nature of the areas ans systems they serve.	CY2022		$ 3,000,000	4
65	Priority Class 4 - Cost Saving Measures	Lighting	UNLV1-Maryland Campus	Update Campus lighting; This includes updating landscape lighting to LED for the entire campus, and updating the lighting control systems at LLB, SEB, ARC, BEH, BSL, CHE, LLB, SEB WHI, RLL, MPE and othe campus buildings.	CY2022		$ 2,000,000	4
71	Priority Class 5 - Socially Responsible Projects	Electrical Systems	UNLV1-Maryland Campus	Various solar installed on building rooftops and covered parking structures.	CY2022	2003	$ 5,250,000	4
11	Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	UNLV1-Maryland Campus > SEP-Science & Engineering Plant	Expansion of SEP Plant Chiller 4, boilers, replacement of underground hydronic line service loop, and standalone boilers at the MPE pool.	CY2022	2008	$ 4,250,000	6
10	Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	UNLV1-Maryland Campus	Phase 1: Various mechanical upgrades to equipment that is beyond its useful life. Current maintenance on these systems is time consuming and the difficulty in finding parts is growing. These mechanical upgrades are needed at SLC-D, CEB (1972), GRA, HFA (1982), BPB (1994), BSL (1962), CBC 1-5 (1994), MPE (1974), HCH, CLB1, CLB2, and CLB3.	CY2022		$ 8,775,000	6
59	Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Security Systems	UNLV1-Maryland Campus	Install bollards and other traffic diversions for pedestrian safety	CY2022		$ 500,000	6
14	Priority Class 1 - Currently Critical (Immediate to Two Years)	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	UNLV1-Maryland Campus	Phase 1: Renovate interior finishes in campus classrooms, to include paint, carpet, ceiling tiles at BSL, TBE and MPE A and other campus classrooms and offices, carpet at LLB and CEB.	CY2022		$ 11,100,000	9
32	Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Utilities (Water-Gas-Sewer)	UNLV1-Maryland Campus	Phase 1: Replace and reline sewer lines, replace utility vaults on rated roads, and replace water lines and valves.	CY2022		$ 1,500,000	9
33	Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	UNLV1-Maryland Campus	Restrooms, shower and locker room refresh to include upgrading to current ADA code at CBC, HWB, RLL, TBE, WHI, and MPE.	CY2022	1994	$ 3,400,000	10
16	Priority Class 1 - Currently Critical (Immediate to Two Years)	Exterior Systems (Glazing, Stucco, Paint)	UNLV1-Maryland Campus	Phase 1: Replace windows at HCH, CBC complex, BHS, LLB, BPB, and the MPE Pool. WHI needs new windows and exterior doors.	CY2022	1976	$ 4,620,000	11
34	Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Electrical Systems	UNLV1-Maryland Campus	Main service replacement - TEC, UNH, FMA, MSM, and GRA	CY2022		$ 800,000	12
36	Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Elevator Systems	UNLV1-Maryland Campus	Phase 2: Campus wide elevators replacement/ repairs	CY2022		$ 2,000,000	21
38	Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Exterior Systems (Glazing, Stucco, Paint)	UNLV1-Maryland Campus	Phase 1: Full exterior paint and caulk - Campus buildings including BEH, ASC, SSC and others.	CY2022		$ 2,600,000	26
67	Priority Class 4 - Cost Saving Measures	Landscape (Drainage, irrigation, Rails, Walk Paths, Gutters)	UNLV1-Maryland Campus	Update irrigation controllers and valves campus wide	CY2022		$ 500,000	34
49	Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Landscape (Drainage, irrigation, Rails, Walk Paths, Gutters)	UNLV1-Maryland Campus	Replace and/or coat asphalt surfaces	CY2022		$ 800,000	60
26	Priority Class 1 - Currently Critical (Immediate to Two Years)	Electrical Systems	UNLV1-Maryland Campus	Generator upgrades and replacements (MPE, CHE, BEH, MSM, BPB, FND)	CY2022		$ 2,000,000	
50	Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Roofing Systems	UNLV1-Shadow Lane A	Phase 2: Full Roof replacement - SLC-A	CY2022		$ 900,000	
54	Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Egress and Ingress (Paying, Striping, Curbing, Street Lights and Signs)	UNLV1-Maryland Campus	Phase 2: Replace cracked concrete throughout Campus	CY2022		$ 8,000,000	
54	Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Elevator Systems	UNLV1-Maryland Campus	Phase 3: Campus wide elevators replacement/ repairs	CY2022		$ 8,000,000	
21	Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Exterior Systems (Glazing, Stucco, Paint)	UNLV1-Maryland Campus	Phase 2: Exterior Paint	CY2022		$ 6,000,000	
21	Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Exterior Systems (Glazing, Stucco, Paint)	UNLV1-Maryland Campus	Phase 2: Replace windows at multiple campus buildings	CY2022		$ 5,000,000	
54	Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	UNLV1-Maryland Campus	Phase 2: Interior Finishes in campus offices and classrooms.	CY2022		$ 8,000,000	

University of Nevada, Las Vegas

Deferred Maintenance Program

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	Priority Criteria	Project Category	Institution>Campus>Location	Project Description	Evaluation Date	Age	Estimated Cost	Ranking
54	Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Mechanical Systems (HVAC)	UNLV1-Maryland Campus	Phase 2: Various mechanical and building automation controls upgrade to equipment that is beyond its useful life. Current maintenance on these systems is time consuming and the difficulty in finding parts is growing. These mechanical upgrades are needed at LAC (1996), WHI (1976), SSC (1994), and WRI (1965).	CY2022		$ 15,425,000	
54	Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Roofing Systems	UNLV1-Maryland Campus	Phase 3: Full Roof replacements - Multiple buildings	CY2022		$ 8,000,000	

University of Nevada, Reno

Deferred Maintenance Program

List of Funding Requests

Priority Criteria	Project Category	Institution>Campus>Location	Project Description	Estimated Cost	Ranking
Priority Class 1 - Currently Critical (Immediate to Two Years)	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	UNR - Main Campus	**Impacts Accessibility:** This project corrects accessibility barriers throughout campus buildings and grounds identified in a 2018 ADA Barrier Study. Project will remove Priority 1 ADA barriers associated with parking lots and access to buildings to include non-compliant handrails, signage, openings in ground surfaces, van access, access aisles, wheelchair maneuvering clearances, curb ramps, sidewalk and street slopes, parking spaces widths and slopes, opening	$ 6,000,000	1
Priority Class 1 - Currently Critical (Immediate to Two Years)	Electrical Systems	UNR - Main Campus	**Research: Impacts Reliability:** Modernize the existing electrical systems to include emergency generators and distribution systems for Harry Reid Engineering Lab and Scrugham Engineering. There is currently no back up power for these labs and research facilities.	$ 500,000	2
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	UNR - Main Campus	**Research: Impacts Occupant Health and Safety:** Multiple research laboratories on campus are located within buildings having insufficient intake air filtration systems. UNR was inundated with smoke from forest fires the previous three summers. Modernizing these HVAC systems to include adequate intake air filtration will ensure the research on campus will continue uninterrupted for the foreseeable future.	$ 3,000,000	3
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	UNR - Main Campus	**Research: Impacts Health and Safety:** This project upgrades existing lab exhaust systems in three research buildings including Applied Research Facility (1952), Harry Reid Engineering Lab (1990), and the Sarah Fleischmann Building (1957), to include fume hoods, exhaust fans, controls, and ductwork. The existing systems were modified repeatedly over the years, reducing effectiveness. In addition, adding controls to the systems improves efficiency as	$ 2,000,000	4
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	UNR - Main Campus	**Research: Impacts Health and Safety:** This project upgrades existing lab exhaust systems in four research buildings including Anderson Health Science (1970), Howard Medical Sciences (1981), Manville Health Science (1975), and Nellor Biomedical Sciences (1989), to include fume hoods, exhaust fans, controls, and ductwork. The existing systems were modified repeatedly over the years, reducing effectiveness. In addition, adding controls to the systems improves	$ 2,500,000	5
Priority Class 1 - Currently Critical (Immediate to Two Years)	Roofing Systems	UNR - Main Campus	**Impacts Occupant Health and Safety:** This project replaces approximately 236,000 square feet of roofs on all or portions of nine existing campus buildings: Mackay Science (1996), Knudtsen Resource Center (1987), Lombardi Recreation Center (1973), Sara Fleischmann Building (1994), William J. Raggio Building (1985), Scrugham Engineering and Mines (1987), Paul Laxalt Mineral Engineering (1981), Paul Laxalt Mineral Research (2006), and Virginia Street Gym (1992) .	$ 5,200,000	6

University of Nevada, Reno

Deferred Maintenance Program

List of Funding Requests

Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	UNR - Main Campus	**Impacts Occupant Comfort and Energy Efficiency:** This project replaces original HVAC equipment and associated controls in Lombardi Recreation Center (1973) and Morrill Hall (Renovated 1977). These obsolete mechanical systems do not meet current ventilation code requirements and the equipment has exceeded its original 20-year life expectancy. The air handlers and mechanical equipment are less efficient and prone to frequent failure. The controls are pneumatic and	$ 5,000,000	7
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	UNR - Main Campus	**Impacts Occupant Comfort and Energy Efficiency:** This project replaces aging chillers in Fleischmann Agriculture and Life Science (1961), Fleischman Planetarium (2002), Savitt Medical (1979), Nellor Biomedical (1991), Continuing Education (1989), and William Raggio Building (1997). This will substantially reduce use of R22 refrigerant, improve energy efficiency, reliability, and reduce costs associated with maintenance and repairs on aging equipment.	$ 6,000,000	8
Priority Class 1 - Currently Critical (Immediate to Two Years)		UNR - Main Campus	**Impacts Safety and Reliability:** This Phase 2 request continues the upgrade and replacement of the existing antiquated 5kV electrical systems with 25kV capacity. The system is located on the south end of campus serving the older facilities. This phase upgrades the oldest, most unreliable systems on campus. The voltage for the new system will be 25kV, matching the newer systems on campus and NV Energy distribution voltage. All system components will be	$ 2,200,000	9
Priority Class 1 - Currently Critical (Immediate to Two Years)	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	UNR - Main Campus	**Impacts Occupant Comfort and Learning Environment:** Twelve classrooms in Davidson Math and Science, Jot Travis Building, Orvis Building, Lombardi Recreation Center, William Raggio Building, and Pennington Medical Education Building will undergo extensive repairs and upgrades. Other classrooms will receive moderate repairs and upgrades to extend their service life and improve ADA compliance. This project includes replacing worn furniture, whiteboards,	$ 2,100,000	10
Priority Class 1 - Currently Critical (Immediate to Two Years)	Fire & Life Safety	UNR - Main Campus	**Impacts Occupant Safety:** Project will design and install fire alarm panels, audible alarms and strobes, and an estimated 1,500 sprinkler heads in multiple buildings throughout campus. Many of the existing heads were installed in 1970 and are required to be replaced at the 50-year point	$ 700,000	11
Priority Class 1 - Currently Critical (Immediate to Two Years)	Fire & Life Safety	UNR - Main Campus	**Impacts Occupant Safety:** Project will design and provide a device-for-device replacement of complete fire alarm system in multiple buildings throughout campus, with the addition of a new Notifier gateway for campus fire network connectivity. Fire alarm control panels and smoke detectors are obsolete from Notifier factory due to UL requirements. UNR IT department no longer supports fiber backbone of this campus fire network.	$ 800,000	12

University of Nevada, Reno

Deferred Maintenance Program

List of Funding Requests

Priority Class 1 - Currently Critical (Immediate to Two Years)	Fire & Life Safety	UNR - Main Campus	**Impacts Occupant Safety:** Project will design and install a complete monitored alarm system to replace existing non-monitored manual pull stations in the Virginia Street Gym. The building has no audible alarms and only manual pull stations and should be upgraded in accordance with an agreement with the State Fire Marshal.	$ 650,000	13
				$ 36,650,000	

Western Nevada College

Deferred Maintenance Program

List of Funding Requests

Priority Criteria	Project Category	Institution>Campus>Location	Project Description	Evaluation Date	Age	2022 Indexed	Ranking
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	WNC - Carson > Bristlecone Building (BRIS)	Replace Boiler East Side & Pumps	2022	30 years	$ 528,409	1
Priority Class 1 - Currently Critical (Immediate to Two Years)	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	WNC - Carson > Donald W. Reynolds Center for Technology (REYN) > [	Replace front steps	2022	30 years	$ 457,955	2
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	WNC - Carson	Welding Shop – New ventilation system: 2022	2022	30 years	$ 2,536,364	3
	Mechanical Systems (HVAC)	Priority Class 1 - Currently Critical (Immediate to Two Years)	Auto Shop – New ventilation system: 2022	2022	30 years	$ 387,500	4
Priority Class 1 - Currently Critical (Immediate to Two Years)	Fire & Life Safety	WNC - Carson > Bristlecone Building (BRIS)	Sprinkler head replacement	2022	50+ years	$ 401,591	5
Priority Class 1 - Currently Critical (Immediate to Two Years)	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	WNC - Carson > Bristlecone Building (BRIS)	SE walkway/entrance replacement	2022	30 years	$ 211,364	6
Priority Class 1 - Currently Critical (Immediate to Two Years)	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	WNC - Carson > Cedar Building (CED)	Third floor external stairs replacement	2022	30 years	$ 105,682	7
Priority Class 1 - Currently Critical (Immediate to Two Years)	Egress and Ingress (Paying, Striping, Curbing, Street Lights and Signs)	WNC - Carson	Parking lots and roads	2022	15-30 years	$ 493,182	8
Priority Class 1 - Currently Critical (Immediate to Two Years)	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	WNC - Carson > Donald W. Reynolds Center for Technology (REYN) > [	Weatherization & roof drain	2022	30 years	$ 56,364	9
Priority Class 1 - Currently Critical (Immediate to Two Years)	Roofing Systems	WNC - Carson > Aspen Building (ASP)	Metal Roof upgrades	2022	37 years	$ 387,500	10
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	WNC - Douglas	Replace boilers	2022	25 years	$ 140,909	11
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	WNC - Douglas	New HVAC 2021 (chiller unit)	2022	25 years	$ 119,773	12
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	WNC - Carson > High Tech Center (HTCH)	Replace boilers	2022	25 years	$ 176,136	13
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	WNC - Carson > High Tech Center (HTCH)	New HVAC (chiller) 2024	2022	25 years	$ 119,773	14
Priority Class 1 - Currently Critical (Immediate to Two Years)	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	WNC - Carson > Bristlecone Building (BRIS)	329 Lab Structural Remodel	2022	50+ years	$ 246,591	15
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	WNC - Carson > Joe Dini Library and Student Center (DINI) > Joe Dini L	Replace boilers - rebuilt twice with continuing issues	2022	21 years	$ 211,364	16
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	WNC - Carson	Machine Tool Shop – new HVAC 2022	2022	30 years	$ 387,500	17
Priority Class 1 - Currently Critical (Immediate to Two Years)	Egress and Ingress (Paying, Striping, Curbing, Street Lights and Signs)	WNC - Carson > Cedar Building (CED)	Stucco parapit walls repair	2022	30 years	$ 176,136	18
Priority Class 1 - Currently Critical (Immediate to Two Years)	Exterior Systems (Glazing, Stucco, Paint)	WNC - Carson > Childcare Development Center (CDC)	Stucco repairs	2022	33 years	$ 260,682	19
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	WNC - Carson > Donald W. Reynolds Center for Technology (REYN) > [	New HVAC package units 2022	2022	30 years	$ 119,773	20
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	WNC - Fallon > Sage Hall (SAGE)	New HVAC 2020	2022	23 years	$ 176,136	21
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	WNC - Carson > Bristlecone Building (BRIS)	North boiler & pumps 2020	2022	21 years	$ 493,182	22
Priority Class 1 - Currently Critical (Immediate to Two Years)	Mechanical Systems (HVAC)	WNC - Fallon > V. Getto Hall (VRGH)	New HVAC 2024 (package unit replacement)	2022	33 years	$ 42,273	23
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Egress and Ingress (Paying, Striping, Curbing, Street Lights and Signs)	WNC - Carson	Davis Observatory – Parking lot	2022	24 years	$ 49,318	7
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Electrical Systems	WNC - Carson > Bristlecone Building (BRIS)	Solar field upgrades	2022	13 years	$ 190,227	12
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Electrical Systems	WNC - Carson > Cedar Building (CED)	Solar field upgrades	2022	17 years	$ 42,273	13
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Electrical Systems	WNC - Carson	Auto Shop - Solar field upgrade	2022	15 years	$ 70,455	18
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Electrical Systems	WNC - Carson > Donald W. Reynolds Center for Technology (REYN) > [	Solar field upgrades	2022	16 years	$ 493,182	19
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	WNC - Carson > Aspen Building (ASP)	Weatherization	2022	33 years	$ 457,955	2
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	WNC - Carson	Machine Tool Shop – weatherization	2022	40 years	$ 105,682	3
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	WNC - Carson > Aspen Building (ASP)	Interior doors	2022	33 years	$ 49,318	10
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Lighting	WNC - Carson > Aspen Building (ASP)	Lighting	2022	20 years	$ 387,500	11
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Lighting	WNC - Carson > High Tech Center (HTCH)	Lighting upgrades	2022	25 years	$ 21,136	14
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Lighting	WNC - Douglas	Upgrade lighting	2022	23 years	$ 63,409	17
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Mechanical Systems (HVAC)	WNC - Carson	Central receiving – upgrade heating system 2022	2022	30 years	$ 310,000	1
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Mechanical Systems (HVAC)	WNC - Carson	Davis Observatory – Weatherization	2022	24 years	$ 352,273	8
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Mechanical Systems (HVAC)	WNC - Carson	Davis Observatory – HVAC replacement 2026	2022	23 years	$ 246,591	20
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Roofing Systems	WNC - Carson	Machine Tool Shop – new roof 2027	2022	40 years	$ 422,727	4
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Roofing Systems	WNC - Carson	Auto Shop – New Roof 2027	2022	30 years	$ 56,364	5
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Roofing Systems	WNC - Carson > High Tech Center (HTCH)	New roof 2029	2022	25 years	$ 211,364	6
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Roofing Systems	WNC - Carson	Welding Shop – New roof 2027	2022	30 years	$ 84,545	9
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Roofing Systems	WNC - Carson > Joe Dini Library and Student Center (DINI) > Joe Dini L	New roof 2027 - installment deficiencies	2022	22 years	$ 169,091	15
Priority Class 2 - Necessary - Not Yet Critical (Two to Four Years)	Roofing Systems	WNC - Douglas	New roof 2026	2022	23 years	$ 14,091	16
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Mechanical Systems (HVAC)	WNC - Carson > Joe Dini Library and Student Center (DINI) > Joe Dini L	New HVAC (chiller) 2029	2022	21 years	$ 211,364	1
Priority Class 3 - Long-term Maintenance (Four to Ten Years)	Mechanical Systems (HVAC)	WNC - Carson > Bristlecone Building (BRIS)	New chiller 2030	2022	16 years	$ 493,182	2
Priority Class 4 - Cost Saving Measures	Electrical Systems	WNC - Douglas	Solar upgrades	2022	15 years	$ 457,955	8
Priority Class 4 - Cost Saving Measures	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	WNC - Carson > Bristlecone Building (BRIS)	Classrooms Remodel - 342, 343, 344, 346, 340 A-B-C	2022	40 years	$ 49,318	1
Priority Class 4 - Cost Saving Measures	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	WNC - Carson > Bristlecone Building (BRIS)	Interior door replacement	2022	25-50 years	$ 105,682	3
Priority Class 4 - Cost Saving Measures	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	WNC - Douglas	Interior door replacement	2022	25+ years	$ 352,273	7
Priority Class 4 - Cost Saving Measures	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	WNC - Fallon > Sage Hall (SAGE)	Front entry remodel	2022	45 years	$ 563,636	9
Priority Class 4 - Cost Saving Measures	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	WNC - Fallon > Sage Hall (SAGE)	Interior door replacement	2022	45 years	$ 422,727	10
Priority Class 4 - Cost Saving Measures	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	WNC - Fallon > V. Getto Hall (VRGH)	Interior door replacement	2022	33 years	$ 70,455	11
Priority Class 4 - Cost Saving Measures	Interior Systems (Ceilings, Flooring, Doors and Hardware, Glass, Paint, Restroom)	WNC - Carson > Childcare Development Center (CDC)	Carpet, painting and kitchen remodel	2022	33 years	$ 84,545	12
Priority Class 4 - Cost Saving Measures	Lighting	WNC - Carson	Davis Observatory – Lighting upgrades	2022	23 years	$ 176,136	2
Priority Class 4 - Cost Saving Measures	Lighting	WNC - Carson > Bristlecone Building (BRIS)	Lighting upgrades	2022	20 years	$ 7,045	4
Priority Class 4 - Cost Saving Measures	Lighting	WNC - Carson > Cedar Building (CED)	Lighting upgrades	2022	28 years	$ 70,455	5
Priority Class 4 - Cost Saving Measures	Lighting	WNC - Carson > Joe Dini Library and Student Center (DINI) > Joe Dini L	Lighting upgrades	2022	21 years	$ 105,682	6
Priority Class 5 - Socially Responsible Projects	Other	WNC - Carson	Harvey Baseball Field – replace turf	2022	20 years	$ 915,909	1
Priority Class 5 - Socially Responsible Projects	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	WNC - Carson	Continued ADA Compliance Upgrades	2022	50+ years	$ 915,909	2
Priority Class 5 - Socially Responsible Projects	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	WNC - Douglas	Continued ADA Compliance Upgrades	2022	25 years	$ 42,273	3
Priority Class 5 - Socially Responsible Projects	Safety (ADA, Asbestos, GCFI Outlets, Fall Protection, OSHA)	WNC - Fallon > V. Getto Hall (VRGH)	Continued ADA Compliance Upgrades	2022	33 years	$ 591,818	4
					Total	$ 17,670,000	

CIP Evaluation Criteria

Institution: Nevada State College

Project Name: Academic Village Project (container/modular development)

State Funding Request: $21,300,000

Project Description: Nevada State College is requesting $21.3 million in State funds, in addition to $2.5M of our matching funds, for the planning and construction of 40,000 square feet of durable modular building space arranged in an inviting courtyard layout used as resource-efficient student services facilities.

Institution Narrative:
Please describe how the project addresses each of the criteria (if the criteria does not apply indicate N/A):

- **While all proposals will be prioritized together, to position NSHE for better long-term success in securing capital funding, it is recommended that ultimately our priorities include at least two planning projects for the upcoming cycle (these would then be our top priorities for construction funding in the following biennium)**
  - The Academic Village is comprised of design planning and construction using modular construction to help meet the needs of student support spaces

- **Cost Savings – consider cost savings generated by eliminating or limiting deferred maintenance projects and/or operational savings**
  - Avoid cost escalation as time goes on
  - Affordability of the modular 40% cheaper
  - Quality control during construction will mitigate future maintenance issues

- **Industry or Student Demand – consider specialty classroom space required for courses to meet industry or student demand as well as the area needed to accommodate current and projected student enrollment**
  - Per NSHE FY 2019/2020 Space Summary, NSC has a deficit by 60% for study space
  - ASC is currently utilizing 500 sf of the library for tutoring that will be suited in the Academic Village

- **Life Safety and Code Compliance – consider the priority of the project to meet the life, safety, and code compliance needs of mission-critical items, including lifecycle cost analysis or projects that support vital programs and initiatives**

  - Academic Village will mitigate the overcapacity occupants in the library which poses egress issues in the event of an emergency
  - Modular construction is flexible and customizable to space changes to save future cost of interior renovation
  - Sustainability benefits with reduced material waste and reduced operational energy

- **Advancing Board Goals or System Strategic Initiatives – consider how the project directly advances one or more of the Board Goals or System Strategic Initiatives**

  - Provides more opportunity of students with diverse backgrounds and learning styles to have access to tools for success
  - Supports the board goals of access, success, and closing the achievement gaps, provide a central environment for learning and learning tools critical for student success
  - Mental health and physical wellness

- **Recent State Capital Funding – consider when the institution last received state funding for a capital project**

  - This project was ranked 3rd overall in the last biennium and only project in the top 4 that did not receive funding

- **Leveraging Outside Funding – consider what external funding may be accessed if a portion of the project receives funding. Institution Capital Funds – consider the ability of the institution to access internal funds for the project, or does the institution have limited options outside of state funding**

  - NSC will provide $2.5M matching funds including earmark funds for the student wellness center which is a component of the academic village

Administrative Section

Project Name:	Academic Village for student support
One Sentence Project Description:	Nevada State College is requesting $21.3 in State funds, in addition to $2.5M of our matching funds, for the planning and construction of 40,000 square feet of durable modular building space arranged in an inviting courtyard layout used as resource-efficient student services facilities.
Project Location:	Main Campus, near the Student Housing
a) County:	Clark
b) City:	Henderson

Institution:	Board of Regent of the Nevada System of Higher Education on behalf of Nevada State College

Agency Point of Contact	
a) Name:	Lisa Schock
b) Title:	Associate Vice President – Campus Infrastructure
c) Phone:	702-992-2315
d) Email:	Lisa.Schock@nsc.edu

Has this project been previously requested in a prior CIP?	Yes. This project was requested in the 2021 session
For Existing Facilities *(use attached "List of State-Owned Buildings" spreadsheet)*:	N/A – this is a new building request
a) Site Number:	N/A
b) Building Number:	N/A
c) Facility Condition Analysis Project Number (If available):	N/A
d) Is the Property State Owned?	N/A
e) Is the Facility State Owned?	N/A

Prior Design Work:	
a) Has design work been completed on this project?	No
b) Explain what has been completed.	

Narrative Section *(responses limited to 3-5 sentences/200 words)*

Project Justification: (What is the driving need and how will this need be met?)	The Academic Village will provide effective academic support services that help us continue to increase graduation rates and narrow equity gaps in the face of historic growth. This growth includes a 61.3% increase in headcount since fall 2016. Using highly durable, modular construction with a structural life of 100 years, is a low cost solution to the college's space concerns. The cost of this type of construction is between 18% and 24% of the cost of traditional higher education buildings and can be delivered in as little as 6 months. This project would provide much needed space in a centralized campus location for student support services, such as tutoring, which are statistically proven to increase student persistence and graduation. Currently, these programs are located in small, dispersed, and difficult to find spaces throughout the campus.
Background Information: (What is the history?):	This project evolved from conversations with academic leadership, faculty/staff, and students about how to meet the academic support needs of our population in a cost-effective manner. Additional research into highly durable, modular solutions revealed that we could combine several critical academic support divisions in a single location at a very competitive cost, and thereby substantially expand our capacity to promote student success. No work has been conducted toward the completion of this project outside of the initial meetings and preliminary renderings.
Ramifications if not approved: (What will happen if not selected?)	Given our current and anticipated growth, if this project were not approved it would significantly inhibit our ability to provide appropriate student support, which in turn could have a negative impact on student. Our data clearly indicate that quality support services improve retention and graduation rates among all student populations, and our existing space already taxes our ability to provide adequate support. For example, only 490 sf is allotted for our current tutoring center that is currently located in the middle of the library.

Health, life safety, and/or legal issues: (Does this project resolve these issues? Be specific as possible.)	N/A

Mechanical and/or Electrical Equipment Replacement Projects

Type of Equipment to Replace:	N/A
Year Equipment Installed:	N/A
Equipment Manufacturer:	N/A
Equipment Model:	N/A

Environmental Consideration

Are there known hazardous materials at this site? (e.g., Asbestos, lead paint)	No
Describe what is known:	N/A
Will abatement be required?	N/A

Personnel Relocations

Will this project require personnel relocations or vacating a building for any period of time?	No
Please explain: (including temporary facility requirements)	N/A

Project Schedule Impacts/Issues

What is the latest date this project could be completed without disrupting your program?	July 2023

What is driving this date?	The current space dedicated for student support services is too small, resulting in noisy tutoring spaces, cramped learning environments and privacy issues. Given the tremendous growth rate of the college, we must seek immediate, low-cost, effective solutions to expand student support spaces as soon as possible

Preliminary Construction Cost Estimate and Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only.)

Land Cost:	
a) Must be purchased?	No
b) Land Cost:	$0
c) Is an appraisal available?	N/A
Offsite Construction:	$600,000
Onsite Development:	$11,350,000
Utility Connection Fees:	$500,000
Deeded Water Rights:	$0
Furniture, Fixtures and Equipment:	$2,000,000
Specialty Equipment: (Security systems, video equipment, CCTC)	$200,000
Data and Network Equipment:	$2,800,000
Telephone Equipment:	$100,000
Moving:	$100,000
Renovation of Vacated Space:	$650,000
Correction of Known Deficiencies:	N/A
a) Correction Cost:	$0
b) Description	N/A
Known Commitments:	N/A
a) Commitment Cost:	$0

b) Description:	N/A
Hazardous Materials Abatement:	$0
Other Costs not above:	
a) Other Cost:	$3,000,000
b) Description:	Planning (Architect/Engineering)
Total Project Cost:	$21,300,000

Preliminary Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only. *This section is not required if all funding is from State General Obligation Bonds.*)

Proposed Funding Breakdown:	
a) Agency *(State Agency funding outside of General Obligation Bonds)*	$2,500,000
b) Federal	N/A
c) Other/Donor:	N/A
d) State: *(State General Obligation Bonds. This is the default funding source if other sources are not identified.)*	$21,300,000
e) Total	$23,800,000
Proposed Funding Narrative:	
a) Describe each Source of Funding:	Nevada State College matching funds will come from donor support and other institutional resources allocated specifically for capital construction and planning
b) Describe State match requirements: (if applicable)	N/A
c) Describe funding restrictions that may affect this project:	The types of funding contemplated would be unrestricted or restricted to the purpose of construction and planning of the project.

d) Describe Agency actions that must be taken to make each funding source available:	The College has approximate 30% of this funding currently available. Our Foundation would need to launch a small campaign to raise the remaining funds.
e) When will each funding source be available?	Funding will be available prior to contracting for the project or as directed by State Public Works, but in no case prior to the end of the Legislative Session
f) When will each funding source expire?	It is not anticipated that agency funding will expire. If the project is not selected for State support, donor funds may revert depending on the wishes of the donor.
Agency Fiscal Point of Contact: (*This is typically not the same person who submits the project.)*	
a) Name:	Kevin Butler
b) Title:	Senior VP Finance and Business Operations
c) Phone:	702-992-2312
d) Email:	Kevin.butler@nsc.edu

Site Analysis – New construction only

Estimated land area to be acquired (acres):	None
Will this project require new parking spaces?	Yes
Are utilities available to site?	Yes
Will the project require relocation of existing utilities?	Yes
Are there any required off-site improvements or right-of-way dedications?	Yes
Is the site in a flood plain?	No
Is the site in an airport impact zone?	No

Does the site contain any underground storage tanks?	No
Does the site contain any adverse soil conditions?	Site may contain naturally occurring asbestos in native soils
Will the site require an environmental assessment?	No
Will rezoning or a special use permit be required?	No
Will any utility connection fees need to be paid?	Yes
Will any water rights need to be deeded?	No
Will construction traffic degrade existing access or facilities?	No
Will the site require any hazardous material abatement?	No
Explain other important considerations that may affect cost and/or scope.	None

Programming

New construction, building remodels, and building additions only

Has any architectural programming occurred? *(Programming is an architectural definition of the needs/problems that must be addressed by the project.)*	Very preliminary programming study to identify the programs to be relocated and abstract layout of the space.
Usable square footage required (including storage space):	
a) New construction:	40,000
b) Remodel/Renovation:	None
c) Addition:	None
d) Total project:	40,000

Occupancy Type: *(Assembly, business, educational, factory/industrial, high hazard, institutional, mercantile, residential, storage, utility/misc.)*	B (Higher Education)
Approximate number of staff to occupy the facility	15 full-time staff, plus an equivalent number of student workers such as tutors and writing specialists.
Approximate number of visitors per day:	1000
Furnishing, Fixtures and Equipment (FF&E):	
a) Will this project require FF&E?	Yes
b) Describe what is required:	Furnishings, technology equipment, other program related equipment
How many years of future growth will this project accommodate?	15
List of required facilities: *(e.g., laboratory space, classroom space, office space, security systems, conference rooms, cafeterias, maintenance shops, garages and any unusual equipment required for your project.)*	The proposed site would require relocation of an existing solar panel array to another location on campus. The cost of this relocation is included in the Off-Site Construction above.

CIP Evaluation Criteria

Institution: Great Basin College

Project Name: Pahrump Valley Campus Planning Project

State Funding Request: $2,000,000

Project Description: Planning and design for the development of a Pahrump Valley Campus on a site of 274 acres.

Institution Narrative:
Please describe how the project addresses each of the criteria (if the criteria does not apply indicate N/A):

- **While all proposals will be prioritized together, to position NSHE for better long-term success in securing capital funding, it is recommended that ultimately our priorities include at least two planning projects for the upcoming cycle (these would then be our top priorities for construction funding in the following biennium)**

- **Cost Savings – consider cost savings generated by eliminating or limiting deferred maintenance projects and/or operational savings**

  N/A

- **Industry or Student Demand – consider specialty classroom space required for courses to meet industry or student demand as well as the area needed to accommodate current and projected student enrollment**

  Pahrump and the surrounding areas are growing population centers in the state of Nevada. The new campus will meet the growing needs of the community with regards to higher education. and develop stronger partnerships with business and industry for workforce development, training, and continuing education. The additional course offerings will increase educational opportunities for residents and provide the needed skilled workforce for local businesses. High demand occupations include the health science fields and advanced manufacturing, which require specialized equipment and lab space. If this project is not funded, the program offerings and available training for business and industry in Pahrump will continue to be constrained by the size of current facility limits.

- **Life Safety and Code Compliance – consider the priority of the project to meet the life, safety, and code compliance needs of mission-critical items, including lifecycle cost analysis or projects that support vital programs and initiatives**

  N/A

- **Advancing Board Goals or System Strategic Initiatives – consider how the project directly advances one or more of the Board Goals or System Strategic Initiatives**

  Access – The new campus in Pahrump will provide additional capacity for student enrollment and additional academic program offerings, workforce and contract training.

  Student Success – Students will have state of the art facilities and equipment to pursue and obtain their educational goals and be well trained to enter the workforce.

  Workforce - The new campus in Pahrump will provide additional capacity for student enrollment and additional academic program offerings, workforce and contract training. Students will have state of the art facilities and equipment to pursue and obtain their educational goals and be well trained to enter the workforce.

  Closing the Achievement Gap – The new campus in Pahrump will provide additional opportunities for students with academic programming and support services that will increase their success.

  Research - The new campus will also facilitate collaboration opportunities with other NSHE institutions and business and industry.

- **Recent State Capital Funding – consider when the institution last received state funding for a capital project**

  2019 Session – received planning funding for the Welding Lab Expansion in Elko. This funding was then pulled back during the special session due to the COVID-19 Pandemic.

  2021 Session – received funding to complete the planning and construction of the Welding Lab Expansion in Elko.

- **Leveraging Outside Funding – consider what external funding may be accessed if a portion of the project receives funding. Institution Capital Funds – consider the ability of the institution to access internal funds for the project, or does the institution have limited options outside of state funding**

  Total current estimated cost of the project is $2,300,000. GBC will contribute $300,000 (approximately 13%) of internal funds toward the Pahrump Campus planning project. The GBC Foundation is planning a capital fundraising campaign in the future for the construction phase of the project.

Administrative Section

Project Name:	GBC Pahrump Valley Campus Planning
One Sentence Project Description:	Planning and design for the development of a Pahrump Valley Campus on a site of 274 acres.
Project Location:	
a) County:	Nye
b) City:	Pahrump

Institution:	Great Basin College

Agency Point of Contact	
a) Name:	Sonja Sibert
b) Title:	Vice President for Business Affairs
c) Phone:	775-327-2106
d) Email:	Sonja.sibert@gbcnv.edu

Has this project been previously requested in a prior CIP?	Yes
For Existing Facilities *(use attached "List of State-Owned Buildings" spreadsheet)*:	
a) Site Number:	
b) Building Number:	
c) Facility Condition Analysis Project Number (If available):	
d) Is the Property State Owned?	
e) Is the Facility State Owned?	

Prior Design Work:	
a) Has design work been completed on this project?	Yes
b) Explain what has been completed.	This was part of the 2021-2023 CIP Process. A project estimate, etc. was completed, however, the project did not move forward to the Governor's Recommended Budget.

Narrative Section *(responses limited to 3-5 sentences/200 words)*

Project Justification: (What is the driving need and how will this need be met?)	Pahrump and the surrounding areas is a growing population center in the state of Nevada. A larger campus there will meet the growing needs of the community with regards to higher education, workforce development training, and continuing education. This also provides an opportunity for collaboration between NSHE institutions to provides access to students and support to business/industry.
Background Information: (What is the history?):	In December 2016, the Bureau of Land Management conveyed 274 acres in the Pahrump Valley to the Nevada System of Higher Education, Great Basin College. This property was pursued for the development on a GBC campus in Pahrump, which would provide opportunities to expand course offerings and develop stronger partnerships with business and industry for workforce development and training.
Ramifications if not approved: (What will happen if not selected?)	The size of the current facility limits the opportunities to expand program offerings to students and provide training for business and industry.
Health, life safety, and/or legal issues: (Does this project resolve these issues? Be specific as possible.)	N/A

Mechanical and/or Electrical Equipment Replacement Projects

Type of Equipment to Replace:	N/A
Year Equipment Installed:	N/A
Equipment Manufacturer:	N/A
Equipment Model:	N/A

Environmental Consideration

Are there known hazardous materials at this site? (e.g., Asbestos, lead paint)	N/A
Describe what is known:	N/A
Will abatement be required?	N/A

Personnel Relocations

Will this project require personnel relocations or vacating a building for any period of time?	No
Please explain: (including temporary facility requirements)	N/A

Project Schedule Impacts/Issues

What is the latest date this project could be completed without disrupting your program?	6/30/2024
What is driving this date?	This would allow for adequate planning and then move forward to construction in 2024 to be able to have the first building completed and providing instruction to students within the 10 year time frame proposed during the acquisition process of this land.

Preliminary Construction Cost Estimate and Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only.)

Land Cost:	
a) Must be purchased?	N/A
b) Land Cost:	N/A
c) Is an appraisal available?	N/A

Offsite Construction:	$
Onsite Development:	$
Utility Connection Fees:	$
Deeded Water Rights:	$
Furniture, Fixtures and Equipment:	$
Specialty Equipment: (Security systems, video equipment, CCTC)	$
Data and Network Equipment:	$
Telephone Equipment:	$
Moving:	$
Renovation of Vacated Space:	$
Correction of Known Deficiencies:	
a) Correction Cost:	$
b) Description	
Known Commitments:	Yes
a) Commitment Cost:	$unknown
b) Description:	Approval of the plan of development by the BLM prior to construction beginning. Review and abide by laws in effect for the Desert Tortoise.
Hazardous Materials Abatement:	$
Other Costs not above:	
a) Other Cost:	$2,300,000
b) Description:	Professional services for A/E design, surveys, soils analysis, advertising, printing, etc.
Total Project Cost:	$2,300,000

Preliminary Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only. *This section is not required if all funding is from State General Obligation Bonds.*)

Proposed Funding Breakdown:	
a) Agency *(State Agency funding outside of General Obligation Bonds)*	$300,000
b) Federal	$
c) Other/Donor:	$
d) State: *(State General Obligation Bonds. This is the default funding source if other sources are not identified.)*	$2,000,000
e) Total	$2,300,000
Proposed Funding Narrative:	
a) Describe each Source of Funding:	Great Basin College will provide $300,000 from student generated capital improvement fees. The Great Basin College Foundation is considering a capital fundraising campaign in the future for construction.
b) Describe State match requirements: (if applicable)	
c) Describe funding restrictions that may affect this project:	
d) Describe Agency actions that must be taken to make each funding source available:	Great Basin College will set aside $300,000 in student generated capital improvement fees for this project.
e) When will each funding source be available?	The $300,000 will be available upon approval of the project.
f) When will each funding source expire?	

Agency Fiscal Point of Contact: (*This is typically not the same person who submits the project.)*	
a) Name:	Sonja Sibert
b) Title:	Vice President for Business Affairs
c) Phone:	775-327-2106
d) Email:	sonja.sibert@gbcnv.edu

Site Analysis – New construction only

Estimated land area to be acquired (acres):	N/A, as land is already available
Will this project require new parking spaces?	Yes
Are utilities available to site?	No
Will the project require relocation of existing utilities?	No
Are there any required off-site improvements or right-of-way dedications?	Yes
Is the site in a flood plain?	Unknown
Is the site in an airport impact zone?	No
Does the site contain any underground storage tanks?	No
Does the site contain any adverse soil conditions?	Unknown
Will the site require an environmental assessment?	Unknown, site previously had an environmental assessment for Desert Tortoise.
Will rezoning or a special use permit be required?	No
Will any utility connection fees need to be paid?	Yes

Will any water rights need to be deeded?	Yes
Will construction traffic degrade existing access or facilities?	No
Will the site require any hazardous material abatement?	No
Explain other important considerations that may affect cost and/or scope.	This site is located about an hour from the metropolitan Las Vegas Area. The distance may impact construction costs.

Programming

New construction, building remodels, and building additions only

Has any architectural programming occurred? *(Programming is an architectural definition of the needs/problems that must be addressed by the project.)*	No
Usable square footage required (including storage space):	
a) New construction:	
b) Remodel/Renovation:	
c) Addition:	
d) Total project:	
Occupancy Type: *(Assembly, business, educational, factory/industrial, high hazard, institutional, mercantile, residential, storage, utility/misc.)*	Educational
Approximate number of staff to occupy the facility	50
Approximate number of visitors per day:	300

Furnishing, Fixtures and Equipment (FF&E):	
a) Will this project require FF&E?	Yes, with the construction phase of this project
b) Describe what is required:	Furniture, fixtures and equipment for offices, classrooms and class lab space.
How many years of future growth will this project accommodate?	50
List of required facilities: *(e.g., laboratory space, classroom space, office space, security systems, conference rooms, cafeterias, maintenance shops, garages and any unusual equipment required for your project.)*	Classroom, class lab, office space and specialty equipment needed for educational offerings to students.

CIP Evaluation Criteria

Institution: Western Nevada College

Project Name: Fernley Advanced Technology Training Center

State Funding Request: $4,000,000

Project Description: Acquire and renovate a facility to serve the needs of students and employers with workforce training programs in and around the city of Fernley.

Institution Narrative:
Please describe how the project addresses each of the criteria (if the criteria does not apply indicate N/A):

- **While all proposals will be prioritized together, to position NSHE for better long-term success in securing capital funding, it is recommended that ultimately our priorities include at least two planning projects for the upcoming cycle (these would then be our top priorities for construction funding in the following biennium)**

  N/A – Project is for acquisition and renovation of the Fernley building.

- **Cost Savings – consider cost savings generated by eliminating or limiting deferred maintenance projects and/or operational savings**

  None noted.

- **Industry or Student Demand – consider specialty classroom space required for courses to meet industry or student demand as well as the area needed to accommodate current and projected student enrollment**

  The city of Fernley is home to over 20,000 people and is located in Lyon County, Nevada, where 50,000 people reside. Fernley is part of Western Nevada College's service area and since 2010, the area has been growing rapidly with an 11% increase in population. The largest sector of growth is within the Hispanic population which is growing at a much faster rate of 18%, according to the Nevada State Demographer.
  Educational levels in Lyon County are significantly lower than the national average according to a 2019 report from GOED. While over 75% of area jobs require some form of educational training, a little over 30% of residents have earned their high school diploma, less than 10% have earned an associate degree, less than 10% have earned a bachelor's degree and less than 30% have taken some college courses or received a non-degree award. In 2019, Manufacturing was listed as the second largest industry in Lyon County, employing twice as many workers as the national average.

- **Life Safety and Code Compliance – consider the priority of the project to meet the life, safety, and code compliance needs of mission-critical items, including lifecycle cost analysis or projects that support vital programs and initiatives**

N/A

- **Advancing Board Goals or System Strategic Initiatives – consider how the project directly advances one or more of the Board Goals or System Strategic Initiatives**

  This project supports the NSHE goals of access and workforce development.

  WNC seeks funding to support construction of the Fernley Advanced Technology Training Center (FATTC) in rural Nevada. This training facility will provide regular and accelerated training, educational degree and certificate programs that prepare rural area residents for gainful employment in growing industry sectors in high-demand, high-wage careers. Specifically, the FATTC will focus on careers in the advanced manufacturing, healthcare, and computer information technology sectors. Once completed, the project will provide skilled labor to meet growing employer needs, increase economic diversification and resiliency in the region by accelerating growth of the manufacturing, healthcare, and computer information technologies within the region, attract private investment, and spur local economic development.

- **Recent State Capital Funding – consider when the institution last received state funding for a capital project**

  WNC received state appropriations for Marlette Hall renovation in the amount of $1.496 million in FY21.

- **Leveraging Outside Funding – consider what external funding may be accessed if a portion of the project receives funding. Institution Capital Funds – consider the ability of the institution to access internal funds for the project, or does the institution have limited options outside of state funding**

  Private funds ($4M) to come from 2-3 regional foundations that support higher education to purchase property. Initial commitments have been acquired.

  Economic Development Administration (EDA) grant for $4M has been submitted to support the overall project cost.

Administrative Section

Project Name:	Fernley Advanced Technology Training Center
One Sentence Project Description:	Acquire and renovate a facility to serve the needs of students and employers in the Fernley region through workforce training programs.
Project Location:	2500 Corsair Drive, Fernley, NV
a) County:	Lyon
b) City:	Fernley

Institution:	Western Nevada College

Agency Point of Contact	
a) Name:	Niki Gladys
b) Title:	Executive Director of Advancement
c) Phone:	775-445-3239
d) Email:	niki.gladys@wnc.edu

Has this project been previously requested in a prior CIP?	No
For Existing Facilities *(use attached "List of State-Owned Buildings" spreadsheet)*:	N/A
a) Site Number:	N/A
b) Building Number:	N/A
c) Facility Condition Analysis Project Number (If available):	N/A
d) Is the Property State Owned?	N/A
e) Is the Facility State Owned?	N/A

Prior Design Work:	
a) Has design work been completed on this project?	No
b) Explain what has been completed.	N/A

Narrative Section *(responses limited to 3-5 sentences/200 words)*

Project Justification: (What is the driving need and how will this need be met?)	The city of Fernley is home to over 20,000 people and is located in Lyon County, Nevada, where 50,000 people reside. Fernley is part of Western Nevada College's service area and since 2010, the area has been growing rapidly with an 11% increase in population. The largest sector of growth is within the Hispanic population which is growing at a much faster rate of 18% according to the Nevada State Demographer. Educational levels in Lyon County are significantly lower than the national average according to a 2019 report from GOED. While over 75% of area jobs require some form of educational training, a little over 30% of residents have earned their high school diploma, less than 10% have earned an Associate's Degree, less than 10% have earned a Bachelor's degree and less than 30% have taken some college courses or received a non-degree award. In 2019, Manufacturing was listed as the second largest industry in Lyon County, employing twice as many workers as the national average. Healthcare, Transportation and Technical Services are listed among the fastest growing sectors as reported in 2019 by the Governor's Office of Economic Development (GOED). In order to support industry growth and accelerate economic recovery in our region, we must produce the skilled workforce area employers require. With the Fernley Advanced Technology Training Center offering degrees and certifications in manufacturing, healthcare, computer information technology and transportation, this region will be better equipped to put people back to work following the COVID-19 shutdown with new, relevant and hirable skills that area employers are demanding.
Background Information: (What is the history?):	The goal of this proposal is to support regional economic recovery following the devastating results of measures taken to control the spread of COVID-19. The training facility described within this proposal would be located in close proximity to meaningful employment opportunities in the fields of healthcare, manufacturing, information technology and transportation. The targeted location for the Fernley Advanced Technology Training Center is within a designated Opportunity Zone, indicating this community has been

	identified by the federal government as economically distressed even before the COVID-19 era. This location is ideal for making educational opportunities available for dislocated workers, under-served rural high school students and recent high school graduates. These individuals and their families will truly benefit from learning the marketable skills and qualifications necessary to fill positions that are in high-demand with local employers. With smart, cost-effective and innovative approaches to education and training, WNC is uniquely positioned to prepare underserved, rural students for meaningful employment. This project capitalizes on WNC's strengths with a plan to expand educational and training offerings in Fernley, Nevada through a dedicated training center, designed to produce a skilled workforce capable of filling in-demand jobs in healthcare, manufacturing and other technologically advanced fields. Located at 2500 Corsair Drive in Fernley, Nevada, the building is in ideal proximity to the Tahoe-Reno Industrial Center as well as other developing industrial centers. The location will allow WNC to grow partnerships already in place with regional employers including Tesla and Blockchains. Additionally, the building is located across the street from Fernley High School and less than 20 minutes away from Silver Stage High School in Silver Springs. This close proximity will allow WNC to grow dual-enrollment partnerships that are currently in place with these rural high schools, offering these students more advanced, technical training than their programs currently offer. This center will train dislocated and under-employed workers as well as those motivated to advance within their current positions with a focus on certifications and degrees which are in high demand with local employers, can be completed in short time periods and require very few prerequisites. Students acquiring these certifications and degrees will qualify for jobs with above-average salaries. Acquiring these skills can change career trajectories for our community members and the financial well-being of entire families. However, for most rural families, the time and expense of education represent major obstacles. At only $113 per credit hour, WNC offers affordable options for students. Creating a technical campus in Fernley will offer the proximity that the rural population requires to make education a realistic and worthwhile objective.
Ramifications if not approved: (What will happen if not selected?)	If not approved, this community, the second-largest fastest-growing city in the WNC service region, will continue to be underserved by the college in CTE, hands-on programs. Local employers like Tesla, Panasonic and Redwood Materials will continue to struggle to find employees, operating

	with too few employees which will continue to limit economic growth regionally.
Health, life safety, and/or legal issues: (Does this project resolve these issues? Be specific as possible.)	The Fernley Advanced Technology Training Center will provide many of the region's next healthcare workers through CNA, Phlebotomy and EMS training at the center. The region has a concerning shortage of these types of workers that is projected to continue into the future. This training site will support bridging that gap.

Mechanical and/or Electrical Equipment Replacement Projects

Type of Equipment to Replace:	N/A
Year Equipment Installed:	N/A
Equipment Manufacturer:	N/A
Equipment Model:	N/A

Environmental Consideration

Are there known hazardous materials at this site? (e.g., Asbestos, lead paint)	No
Describe what is known:	N/A
Will abatement be required?	N/A

Personnel Relocations

Will this project require personnel relocations or vacating a building for any period of time?	No.
Please explain: (including temporary facility requirements)	N/A

Project Schedule Impacts/Issues

What is the latest date this project could be completed	This project represents an immediate need that has not been addressed. The college would like to begin offering limited classes in fall 2023.

without disrupting your program?	
What is driving this date?	Donor funding commitment and federal grant deadlines.

Preliminary Construction Cost Estimate and Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only.)

Land Cost:	
a) Must be purchased?	Land and building
b) Land Cost:	$4,000,000 (includes building)
c) Is an appraisal available?	Yes
Offsite Construction:	$ 0
Onsite Development:	$ 6,500,000
Utility Connection Fees:	$ 0
Deeded Water Rights:	$ 0
Furniture, Fixtures and Equipment:	$ 500,000
Specialty Equipment: (Security systems, video equipment, CCTC)	$ Included in onsite development
Data and Network Equipment:	$ 150,000
Telephone Equipment:	$ Included in data and network equipment
Moving:	$ 0
Renovation of Vacated Space:	$ 0
Correction of Known Deficiencies:	
a) Correction Cost:	$ 850,000
b) Description	Water suppression upgrades for certificate of occupancy
Known Commitments:	
a) Commitment Cost:	$ 0
b) Description:	

Hazardous Materials Abatement:	$ 0
Other Costs not above:	
a) Other Cost:	$ 0
b) Description:	
Total Project Cost:	$ 12,000,000

Preliminary Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only. *This section is not required if all funding is from State General Obligation Bonds.*)

Proposed Funding Breakdown:	
a) Agency *(State Agency funding outside of General Obligation Bonds)*	$ 0
b) Federal	$ 4,000,000
c) Other/Donor:	$ 4,000,000
d) State: *(State General Obligation Bonds. This is the default funding source if other sources are not identified.)*	$ 4,000,000
e) Total	$ 12,000,000
Proposed Funding Narrative:	
a) Describe each Source of Funding:	Privates funds ($4M) to come from 2-3 regional foundations that support higher education to purchase property. Initial commitments have been acquired. Not public at this time. The U.S. Economic Development Administration (EDA) ($4M) grant funding to cover renovation of the facility. WNC has been working with the EDA on grant submission and will file on March 31, 2022. State of Nevada general appropriation or capital improvement funds ($4M) to assist with renovation and furnishings.
b) Describe State match requirements: (if applicable)	Seeking allocation not matching.

c) Describe funding restrictions that may affect this project:	Donor funds contingent on federal and/or state funding.
d) Describe Agency actions that must be taken to make each funding source available:	WNC will need to secure state and/or grant funding to be able to proceed.
e) When will each funding source be available?	Private - now. EDA - Fall 2022 State - Spring 2023
f) When will each funding source expire?	Private - June 2023 EDA - Fall 2025 State - June 2025
Agency Fiscal Point of Contact: (*This is typically not the same person who submits the project.)*	
a) Name:	Coral Lopez
b) Title:	Chief Financial Officer
c) Phone:	775-445-4230
d) Email:	coral.lopez@wnc.edu

Site Analysis – New construction only

Estimated land area to be acquired (acres):	N/A
Will this project require new parking spaces?	N/A
Are utilities available to site?	N/A
Will the project require relocation of existing utilities?	N/A
Are there any required off-site improvements or right-of-way dedications?	N/A
Is the site in a flood plain?	N/A

Is the site in an airport impact zone?	N/A
Does the site contain any underground storage tanks?	N/A
Does the site contain any adverse soil conditions?	N/A
Will the site require an environmental assessment?	N/A
Will rezoning or a special use permit be required?	N/A
Will any utility connection fees need to be paid?	N/A
Will any water rights need to be deeded?	N/A
Will construction traffic degrade existing access or facilities?	N/A
Will the site require any hazardous material abatement?	N/A
Explain other important considerations that may affect cost and/or scope.	N/A

Programming

New construction, building remodels, and building additions only

Has any architectural programming occurred? *(Programming is an architectural definition of the needs/problems that must be addressed by the project.)*	Current building plans available.
Usable square footage required (including storage space):	
a) New construction:	n/a
b) Remodel/Renovation:	20,000 square feet

c) Addition:	n/a
d) Total project:	20,000 square feet
Occupancy Type: *(Assembly, business, educational, factory/industrial, high hazard, institutional, mercantile, residential, storage, utility/misc.)*	Group B Occupancy – Business (https://buildingcodetrainer.com/building-occupancy-classification-occupancy-types-explained/)
Approximate number of staff to occupy the facility	2 FTE (not including faculty)
Approximate number of visitors per day:	30, depending on class times
Furnishing, Fixtures and Equipment (FF&E):	Standard equipment, casework and basic office furniture
a) Will this project require FF&E?	Yes.
b) Describe what is required:	Classroom seating and technology; office furniture.
How many years of future growth will this project accommodate?	10-40 years
List of required facilities: *(e.g., laboratory space, classroom space, office space, security systems, conference rooms, cafeterias, maintenance shops, garages and any unusual equipment required for your project.)*	Classroom space, office space, meeting rooms, open areas (labs) for removable classroom technology based on needs in any given semester.

CIP Evaluation Criteria

Institution: Desert Research Institute

Project Name: Deferred Maintenance Chiller Replacement

State Funding Request: $960,000

Project Description: Replace two central plant chillers serving three buildings on the DRI Reno Campus.

Institution Narrative:
Please describe how the project addresses each of the criteria (if the criteria does not apply indicate N/A):

- **While all proposals will be prioritized together, to position NSHE for better long-term success in securing capital funding, it is recommended that ultimately our priorities include at least two planning projects for the upcoming cycle (these would then be our top priorities for construction funding in the following biennium)**

N/A

- **Cost Savings – consider cost savings generated by eliminating or limiting deferred maintenance projects and/or operational savings**

Maintaining a building's HVAC system is fundamental to allowing continued building use. The existing chiller plant is well past the end of service life and must be replaced. New chillers will also operate much more efficiently – the actual savings in electrical service costs depend on outside air temperature and other factors.

- **Industry or Student Demand – consider specialty classroom space required for courses to meet industry or student demand as well as the area needed to accommodate current and projected student enrollment**

N/A

- **Life Safety and Code Compliance – consider the priority of the project to meet the life, safety, and code compliance needs of mission-critical items, including lifecycle cost analysis or projects that support vital programs and initiatives**

Failure of the existing chillers will require building closure until temporary equipment may be sourced and connected.

- **Advancing Board Goals or System Strategic Initiatives – consider how the project directly advances one or more of the Board Goals or System Strategic Initiatives**

This project advances Board goals by keeping the building in service and by reducing carbon emissions through lower electricity consumption, and directly supporting research at DRI.

- **Recent State Capital Funding – consider when the institution last received state funding for a capital project**

DRI has not received Capital funding since the 2007 Legislature.

- **Leveraging Outside Funding – consider what external funding may be accessed if a portion of the project receives funding. Institution Capital Funds – consider the ability of the institution to access internal funds for the project, or does the institution have limited options outside of state funding**

The cost of this project far exceeds DRI's ability to complete the project using SHECC/HECC funds. Diverting internal funds raised through research project ICR reduces DRI's ability to stay competitive in the research marketplace.

Administrative Section

Project Name:	Chiller Replacement – DRI Northern Nevada Science Center
One Sentence Project Description:	Replace two central plant chillers serving three buildings on the DRI Reno Campus.
Project Location:	2215 Raggio Parkway
a) County:	Washoe
b) City:	Reno

Institution:	Desert Research Institute

Agency Point of Contact	
a) Name:	Peter Ross
b) Title:	AVP Campus Planning & Physical Plant
c) Phone:	775-673-7388
d) Email:	pross@dri.edu

Has this project been previously requested in a prior CIP?	Yes
For Existing Facilities *(use attached "List of State-Owned Buildings" spreadsheet)*:	
a) Site Number:	9812
b) Building Number:	3221
c) Facility Condition Analysis Project Number (If available):	
d) Is the Property State Owned?	Yes
e) Is the Facility State Owned?	Yes

Prior Design Work:	
a) Has design work been completed on this project?	
b) Explain what has been completed.	Preliminary Cost Analysis

Narrative Section *(responses limited to 3-5 sentences/200 words)*

Project Justification: (What is the driving need and how will this need be met?)	The Northern Nevada Science Center Central Plant was completed in 1999, equipped with two chillers and five "Ice Chiller" thermal storage units. The chillers are now past the end of their service life; one of the five thermal storage units has failed and been decommissioned. The equipment serves three buildings and must be replaced.
Background Information: (What is the history?):	The Northern Nevada Science Center was completed in 1999. The central plant serves three buildings: The Northern Nevada Science Center Laboratory Building, The Stout Conference Center and the Maxey Science Building. The central plant is equipped with two 175 ton reciprocal chillers and five thermal storage units. The equipment is original to the building – one thermal storage unit has already failed. This project will replace all old equipment with new state of the art, energy efficient equipment.
Ramifications if not approved: (What will happen if not selected?)	Failure to fund this project risks equipment failure, lengthy down time and possible building closure.
Health, life safety, and/or legal issues: (Does this project resolve these issues? Be specific as possible.)	Replacing the equipment will preclude costly failures and potential loss of building use due to equipment failure.

Mechanical and/or Electrical Equipment Replacement Projects

Type of Equipment to Replace:	Water cooled chillers
Year Equipment Installed:	1999
Equipment Manufacturer:	McQuay
Equipment Model:	WHR175

Environmental Consideration

Are there known hazardous materials at this site? (e.g., Asbestos, lead paint)	No
Describe what is known:	
Will abatement be required?	

Personnel Relocations

Will this project require personnel relocations or vacating a building for any period of time?	No
Please explain: (including temporary facility requirements)	

Project Schedule Impacts/Issues

What is the latest date this project could be completed without disrupting your program?	Needed as soon as possible. Existing equipment is past the end of service life.
What is driving this date?	Functional equipment is needed to keep the buildings in service.

Preliminary Construction Cost Estimate and Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only.)

Land Cost:	
a) Must be purchased?	
b) Land Cost:	
c) Is an appraisal available?	
Offsite Construction:	$
Onsite Development:	$

Utility Connection Fees:	$
Deeded Water Rights:	$
Furniture, Fixtures and Equipment:	$
Specialty Equipment: (Security systems, video equipment, CCTC)	$
Data and Network Equipment:	$
Telephone Equipment:	$
Moving:	$
Renovation of Vacated Space:	$
Correction of Known Deficiencies:	
a) Correction Cost:	$960,000
b) Description	
Known Commitments:	
a) Commitment Cost:	$
b) Description:	
Hazardous Materials Abatement:	$
Other Costs not above:	
a) Other Cost:	$
b) Description:	
Total Project Cost:	$960,000

Preliminary Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only. *This section is not required if all funding is from State General Obligation Bonds.*)

Proposed Funding Breakdown:	
a) Agency	$

(State Agency funding outside of General Obligation Bonds)	
b) Federal	$
c) Other/Donor:	$
d) State: *(State General Obligation Bonds. This is the default funding source if other sources are not identified.)*	$960,000
e) Total	$960,000
Proposed Funding Narrative:	
a) Describe each Source of Funding:	
b) Describe State match requirements: (if applicable)	
c) Describe funding restrictions that may affect this project:	
d) Describe Agency actions that must be taken to make each funding source available:	
e) When will each funding source be available?	
f) When will each funding source expire?	
Agency Fiscal Point of Contact: (*This is typically not the same person who submits the project.)*	
a) Name:	Lindsay Sessions
b) Title:	Controller
c) Phone:	775-673-7395

d) Email:	Lindsay.Sessions@dri.edu

Site Analysis – New construction only

Estimated land area to be acquired (acres):	
Will this project require new parking spaces?	
Are utilities available to site?	
Will the project require relocation of existing utilities?	
Are there any required off-site improvements or right-of-way dedications?	
Is the site in a flood plain?	
Is the site in an airport impact zone?	
Does the site contain any underground storage tanks?	
Does the site contain any adverse soil conditions?	
Will the site require an environmental assessment?	
Will rezoning or a special use permit be required?	
Will any utility connection fees need to be paid?	
Will any water rights need to be deeded?	
Will construction traffic degrade existing access or facilities?	
Will the site require any hazardous material abatement?	

Explain other important considerations that may affect cost and/or scope.	

Programming

New construction, building remodels, and building additions only

Has any architectural programming occurred? *(Programming is an architectural definition of the needs/problems that must be addressed by the project.)*	
Usable square footage required (including storage space):	
a) New construction:	
b) Remodel/Renovation:	
c) Addition:	
d) Total project:	
Occupancy Type: *(Assembly, business, educational, factory/industrial, high hazard, institutional, mercantile, residential, storage, utility/misc.)*	
Approximate number of staff to occupy the facility	
Approximate number of visitors per day:	
Furnishing, Fixtures and Equipment (FF&E):	
a) Will this project require FF&E?	
b) Describe what is required:	

How many years of future growth will this project accommodate?	
List of required facilities: *(e.g., laboratory space, classroom space, office space, security systems, conference rooms, cafeterias, maintenance shops, garages and any unusual equipment required for your project.)*	

CIP Evaluation Criteria

Institution: College of Southern Nevada

Project Name: CSN Northwest Campus Planning and Programming

State Funding Request: $3,400,000

Project Description: The scope of the project consists of planning and programming efforts for the first building and the site infrastructure for a new CSN campus in the northwest area of Las Vegas.

Institution Narrative:
Please describe how the project addresses each of the criteria (if the criteria does not apply indicate N/A):

- **While all proposals will be prioritized together, to position NSHE for better long-term success in securing capital funding, it is recommended that ultimately our priorities include at least two planning projects for the upcoming cycle (these would then be our top priorities for construction funding in the following biennium)**

- **Cost Savings – consider cost savings generated by eliminating or limiting deferred maintenance projects and/or operational savings**

  N/A, this is a new facility and area for CSN.

- **Industry or Student Demand – consider specialty classroom space required for courses to meet industry or student demand as well as the area needed to accommodate current and projected student enrollment**

  The NW part of Southern Nevada is under-represented in access to higher education. Transportation continues to be a significant challenge for students. This is a growing area of the Las Vegas Valley and lacks access to post-secondary education. Approximately 9,700 of CSN students reside within this service area.

- **Life Safety and Code Compliance – consider the priority of the project to meet the life, safety, and code compliance needs of mission-critical items, including lifecycle cost analysis or projects that support vital programs and initiatives**

  Initial building development and planning will incorporate ADA compliance and accessibility access.

- **Advancing Board Goals or System Strategic Initiatives – consider how the project directly advances one or more of the Board Goals or System Strategic Initiatives**

  This project aligns with multiple priorities of the Board of Regents Strategic Goals including Access, Student Success, and Workforce.

- **Recent State Capital Funding – consider when the institution last received state funding for a capital project**

  During the 19 Legislative Session, CSN received capital funding for project 19-C28 which included construction and furniture, fixtures, and equipment (FF&E) for the CSN/NSC Health & Sciences Building.

- **Leveraging Outside Funding – consider what external funding may be accessed if a portion of the project receives funding. Institution Capital Funds – consider the ability of the institution to access internal funds for the project, or does the institution have limited options outside of state funding**

  CSN has pledged a match of $1.1M.

Administrative Section

Project Name:	CSN Northwest Campus Planning and Programming
One Sentence Project Description:	The scope of the project consists of planning and programming efforts for the first building and the site infrastructure for a new CSN campus in the northwest area of Las Vegas.
Project Location:	N. Durango Drive and Elkhorn Road, Las Vegas
a) County:	Clark
b) City:	Las Vegas

Institution:	College of Southern Nevada (CSN)

Agency Point of Contact	
a) Name:	Patricia Charlton
b) Title:	Vice President, College of Southern Nevada
c) Phone:	(702) 651-3598
d) Email:	patty.charlton@csn.edu

Has this project been previously requested in a prior CIP?	Yes
For Existing Facilities *(use attached "List of State-Owned Buildings" spreadsheet)*:	
a) Site Number:	
b) Building Number:	
c) Facility Condition Analysis Project Number (If available):	
d) Is the Property State Owned?	Patent lease was granted by the BLM in 2018
e) Is the Facility State Owned?	

Prior Design Work:	
a) Has design work been completed on this project?	No
b) Explain what has been completed.	Master plan layout of the site was completed.

Narrative Section *(responses limited to 3-5 sentences/200 words)*

Project Justification: (What is the driving need and how will this need be met?)	There is no post-secondary education facility available in this area of the valley. CSN students are constrained by access to transportation. This project will support the expanding growth and development in this region of the valley and provide workforce development, transfer education, expand dual enrollment and concurrent enrollment programs and early college programming. About 10% of CSN's total enrollment lives within 5 miles of the NW campus. About 35% lives within 10 miles of the NW campus. So, we would expect between 3,500 and 12,000 students to be interested in attending the NW campus. As a reference for comparison, our Henderson campus has roughly 5,000 students.
Background Information: (What is the history?):	In 2006, the transfer of land from the City of Las Vegas to CSN was initiated. In 2018, the final land patent transfer was approved via the Bureau of Land Management.
Ramifications if not approved: (What will happen if not selected?)	CSN would not be able to meet the needs to the rapidly growing and developing communities in this area, including the development and expansion of the Skye Canyon and Providence master planned communities.
Health, life safety, and/or legal issues: (Does this project resolve these issues? Be specific as possible.)	

Mechanical and/or Electrical Equipment Replacement Projects

Type of Equipment to Replace:	None
Year Equipment Installed:	
Equipment Manufacturer:	

Equipment Model:	

Environmental Consideration

Are there known hazardous materials at this site? (e.g., Asbestos, lead paint)	No. This is a new campus, and the building and site development are new.
Describe what is known:	
Will abatement be required?	

Personnel Relocations

Will this project require personnel relocations or vacating a building for any period of time?	No
Please explain: (including temporary facility requirements)	

Project Schedule Impacts/Issues

What is the latest date this project could be completed without disrupting your program?	CSN requires appropriation from the State of Nevada, in order to advance the planning and programming through construction documents in the 2023 Legislative session. This is required in order to respond to expanding demand and support of our community's post-secondary education needs for Southern Nevada.
What is driving this date?	A new building and operations is necessary to meet this expanding area of the Las Vegas Valley. Any delay in the planning and programming effort will delay the next phases of development, including construction documents, permitting and construction and impact the deadline of compliance with new construction and operations required by the lease.

Preliminary Construction Cost Estimate and Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only.)

Land Cost:	
a) Must be purchased?	

b) Land Cost:	N/A – land transferred to CSN via a BLM transfer originated from a land patent from the City of Las Vegas. Updated land valuation can be provided.
c) Is an appraisal available?	
Offsite Construction:	Unknown
Onsite Development:	Unknown
Utility Connection Fees:	To be Determined (TBD)
Deeded Water Rights:	N/A
Furniture, Fixtures and Equipment:	TBD
Specialty Equipment: (Security systems, video equipment, CCTC)	TBD
Data and Network Equipment:	TBD
Telephone Equipment:	TBD
Moving:	TBD
Renovation of Vacated Space:	N/A
Correction of Known Deficiencies:	
a) Correction Cost:	No deficiencies exist as this is a new campus location.
b) Description	
Known Commitments:	
a) Commitment Cost:	None
b) Description:	
Hazardous Materials Abatement:	Not that the College of Southern Nevada is aware of at this time.
Other Costs not above:	
a) Other Cost:	$
b) Description:	
Total Project Cost:	$4,500,000

Preliminary Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only. *This section is not required if all funding is from State General Obligation Bonds.*)

Proposed Funding Breakdown:	
a) Agency *(State Agency funding outside of General Obligation Bonds)*	$1,100,000
b) Federal	$
c) Other/Donor:	$
d) State: *(State General Obligation Bonds. This is the default funding source if other sources are not identified.)*	$3,400,000
e) Total	$4,500,000
Proposed Funding Narrative:	
a) Describe each Source of Funding:	State request: $3,400,000
b) Describe State match requirements: (if applicable)	Agency (CSN): $1,100,000
c) Describe funding restrictions that may affect this project:	
d) Describe Agency actions that must be taken to make each funding source available:	
e) When will each funding source be available?	Agency (CSN) funding is available and on hand.
f) When will each funding source expire?	

Agency Fiscal Point of Contact: (*This is typically not the same person who submits the project.)*	
a) Name:	Mary Kaye Bailey
b) Title:	Vice President Finance & Administration, College of Southern Nevada
c) Phone:	(702) 651-7437
d) Email:	MaryKaye.Bailey@csn.edu

Site Analysis – New construction only

Estimated land area to be acquired (acres):	Patent lease was granted by the BLM in 2018
Will this project require new parking spaces?	Yes
Are utilities available to site?	Yes
Will the project require relocation of existing utilities?	No. All utility services will be new to the site.
Are there any required off-site improvements or right-of-way dedications?	Yes. Public vehicular drives and pedestrian access and development will be required in accordance with City of Las Vegas planning ordinances.
Is the site in a flood plain?	No
Is the site in an airport impact zone?	No
Does the site contain any underground storage tanks?	No
Does the site contain any adverse soil conditions?	Unknown. A geotechnical investigation and soils analysis have not been performed at this time.
Will the site require an environmental assessment?	Unknown. It will be determined during the course of this project.
Will rezoning or a special use permit be required?	Yes, in accordance with the requirements of the City of Las Vegas planning and zoning ordinances.
Will any utility connection fees need to be paid?	Yes. All utility services will be new.

Will any water rights need to be deeded?	No
Will construction traffic degrade existing access or facilities?	No
Will the site require any hazardous material abatement?	No
Explain other important considerations that may affect cost and/or scope.	Unknown. This project will be the first development on this site.

Programming

New construction, building remodels, and building additions only

Has any architectural programming occurred? *(Programming is an architectural definition of the needs/problems that must be addressed by the project.)*	No. This request is so programming efforts can be undertaken.
Usable square footage required (including storage space):	
a) New construction:	50,000sf
b) Remodel/Renovation:	
c) Addition:	
d) Total project:	50,000sf
Occupancy Type: *(Assembly, business, educational, factory/industrial, high hazard, institutional, mercantile, residential, storage, utility/misc.)*	Anticipate Occupancy Classifications of A, B and E (based on 2018 IBC)
Approximate number of staff to occupy the facility	TBD
Approximate number of visitors per day:	TBD

Furnishing, Fixtures and Equipment (FF&E):	
a) Will this project require FF&E?	Not at this time. This effort is for Planning and Programming efforts.
b) Describe what is required:	
How many years of future growth will this project accommodate?	
List of required facilities: *(e.g., laboratory space, classroom space, office space, security systems, conference rooms, cafeterias, maintenance shops, garages and any unusual equipment required for your project.)*	Classrooms and labs, offices, student services facilities, meeting rooms, storage, utility, support spaces.

CIP Evaluation Criteria

Institution: University of Nevada, Las Vegas

Project Name: Interdisciplinary Collaboration and Innovation Building (ICIB)

State Funding Request: $50,000,000

Project Description: New UNLV Interdisciplinary Collaboration and Innovation Building – planning, construction, and FF&E.

Institution Narrative:

Brief Description: The investment in the new Interdisciplinary Collaboration and Innovation Building will increase UNLV's capacity for cutting-edge interdisciplinary education and research focus that leads to solutions for our community's challenges and economic diversification and development. The space will support growth in interdisciplinary clusters in a variety of areas; initial areas of focus include urban sustainability, brain health, and disruptive technologies. Additional areas of focus include PK-12 education, water, solar power, ubiquitous data, and artificial intelligence.

- UNLV is significantly under-resourced in terms of available research space and will not be able to effectively fulfill our research potential without additional capacity. The completion of this building will support UNLV in continuing its journey to be a national leader in interdisciplinary theory and praxis.
- The lack of interdisciplinary research space limits UNLV's ability to compete for funding to address the challenges and support the needs of the community and state.
- There are few alternatives to investing in this new building. The available alternatives are far from ideal and will be far more costly in the long run.

The intended mix of academic and lab space will be convertible, modular, and mobile to allow the greatest flexibility for PIs and students across multiple disciplines to use the area collaboratively while minimizing duplication of research instrumentation and infrastructure. The continued industry demand for STEM skills has driven up demand among our students for programs that require this type of class and research lab spaces, an area that UNLV has been consistently short on in the NSHE space utilization survey. STEAM is the culmination of interdisciplinary work between STEM, social sciences, and arts and humanities fields. Demand is also acute for convening space to promote STEAM collaborations and explorations to enable creating 21st century solutions to complex multidimensional problems. The building will provide opportunities for creative interdisciplinary clusters that allow students and faculty to learn side-by-side and work together to solve our biggest problems.

Please describe how the project addresses each of the criteria (if the criteria does not apply indicate N/A):

Cost Savings – consider cost savings generated by eliminating or limiting deferred maintenance projects and/or operational savings

The investment in this new building to support research growth will cost less to enable the institution to achieve its goals than alternatives. Alternatives include leasing and building out rented space to suit these needs. This is difficult to do, considering the uniqueness of the space requirements, would be more costly in the long run and is far from an ideal approach for institutional research space.

It would also be very difficult and costly to renovate existing laboratory and research space for a number of reasons. Due to the shortfall in research space at UNLV, research capacity would be reduced even further if spaces were required to close down for renovations before additional space becomes available. The goal is to optimize the use of the space by building new space for new needs, and minimize renovations of existing space.

The other cost impact is lost revenues – the significant shortfall in research space leads to missed opportunities for grant funding to address the challenges and support the needs of the community and state.

Industry or Student Demand – consider specialty classroom space required for courses to meet industry or student demand as well as the area needed to accommodate current and projected student enrollment

Our community faces myriad complex real-world problems and challenges that require interdisciplinary collaborations to achieve solutions. As a public urban research university, UNLV embraces its responsibility to be a driver of economic and social progress in Nevada and is ideally situated to be a laboratory for these complex challenges due to its location within a large, diverse metropolitan area that reflects the future demography of the U.S. However, UNLV has been consistently short of space in which to conduct this research. This new space will bring students and faculty together to learn side-by-side and connect with policymakers and business leaders.

Life Safety and Code Compliance – consider the priority of the project to meet the life, safety, and code compliance needs of mission-critical items, including lifecycle cost analysis or projects that support vital programs and initiatives

This project, as with all of our projects, will be designed to meet or exceed all life safety, accessibility, and sustainability standards through excellent and efficient design. By applying standards for good design, we create energy-efficient spaces while ensuring that we address the vital needs of our programs without compromising safety or code standards. For this

building, these requirements will be built into the new structure, allowing us to provide labs and spaces that meet or exceed the safety and code requirements.

Advancing Board Goals or System Strategic Initiatives – consider how the project directly advances one or more of the Board Goals or System Strategic Initiatives

This new space will have an impact on all of the Board Goals.

Research to co-develop solutions to the critical issues facing 21st century Nevada and raise the overall research profile is a primary goal of NSHE and UNLV. As an R1 institution, UNLV puts substantial weight on hiring researchers whose work focuses on technologies supporting Nevada's economic diversity and growth. That requires offering new researchers (and existing ones) the right amount and type of space for their research to progress and support their inclusion of students in those efforts..

Access to post-secondary education requires the capacity to adequately train our students. To provide students the opportunity to garner 21st century skills, space that provides the opportunity to learn in new, creative, and collaborative ways allows our students opportunities they may not have had access to previously. This space will provide the opportunity to do so.

Success will be enhanced because students will have the space required to optimally perform experiential based work. This space will improve their skills necessary for their degree. Without this space, it will deprive students of the optimal circumstances for hands-on work required to ensure comprehension and to excel at understanding and mastering complex concepts.

The **Achievement Gap** will be addressed because there will be additional space for students to work with faculty as well as collaborative space to work with other students.

Workforce needs include improving the problem-solving ability of our students. The research, small group project based work, and teaching conducted in this space will help develop the communication, social, problem solving, and collaboration skills needed in our community and state workforce for existing industries as well as companies attracted to the state because of a more talented workforce.

Recent State Capital Funding – consider when the institution last received state funding for a capital project

UNLV last received state capital funding for the Advanced Engineering Building, presently under construction and being managed by the State Public Works Board. Funding for construction and FF&E was originally funded during the 2019 session; however, the appropriation was rescinded during the COVID-19 pandemic. Funding for construction and FF&E was restored in the 2021 session. The rescission resulted in a delay of over two years for completion of this project. This University is far behind in the capital investment needed to meet the demand for serving our students and community.

Leveraging Outside Funding – consider what external funding may be accessed if a portion of the project receives funding. Institution Capital Funds – consider the ability of the institution to access internal funds for the project, or does the institution have limited options outside of state funding

UNLV will commit $50M to this building (half of the funding required for the building). It will fund our half using a blend of philanthropy, internal capital funds, and financing. Given the multiple other space and building needs on our campus, we are not in a position to fund this entire building. If state funding is not allocated, we do not anticipate being able to proceed with this project.

Administrative Section

Project Name:	UNLV Interdisciplinary Collaboration and Innovation Building (formerly UNLV Interdisciplinary Sciences Academic & Research Building)
One Sentence Project Description:	New UNLV Interdisciplinary Science & Technology Building – planning, construction and FF&E.
Project Location:	UNLV Maryland Campus
a) County:	Clark
b) City:	Las Vegas

Institution:	UNLV

Agency Point of Contact	
a) Name:	David Frommer
b) Title:	Associate Vice President of Planning, Construction and Real Estate
c) Phone:	702-895-2873
d) Email:	David.frommer@unlv.edu

Has this project been previously requested in a prior CIP?	Yes
For Existing Facilities *(use attached "List of State-Owned Buildings" spreadsheet)*:	
a) Site Number:	N/A
b) Building Number:	N/A
c) Facility Condition Analysis Project Number (If available):	N/A
d) Is the Property State Owned?	
e) Is the Facility State Owned?	N/A

Prior Design Work:	
a) Has design work been completed on this project?	No
b) Explain what has been completed.	Pre-programming effort is underway.

Narrative Section *(responses limited to 3-5 sentences/200 words)*

Project Justification: (What is the driving need and how will this need be met?)	This project is focused on providing additional research, academic, class lab and other spaces to support UNLV academic and research programs, in light of significant existing space deficits that exist for UNLV for these programs/activities. UNLV, per the Fall 2017 Bi-Annual NSHE Space Inventory Study, has a significant space deficit, particularly related to classroom and class lab space. UNLV also has meaningful space deficits in contemporary quality research space.
Background Information: (What is the history?):	This project was submitted for consideration for planning funds in the 2019-2021 CIP – titled "UNLV Interdisciplinary Sciences Academic & Research Building – Planning"
Ramifications if not approved: (What will happen if not selected?)	UNLV will not have sufficient space and facilities that will be provided by the UNLV Interdisciplinary Science & Technology Building – to further support education, research and workforce development for science and technology needs in the Nevada community and associated industries.
Health, life safety, and/or legal issues: (Does this project resolve these issues? Be specific as possible.)	None. This project is focused on providing sufficient space and facilities to support science and technology related education, research and workforce development, for these needs in the Nevada community and associated industries.

Mechanical and/or Electrical Equipment Replacement Projects

Type of Equipment to Replace:	N/A
Year Equipment Installed:	N/A
Equipment Manufacturer:	N/A
Equipment Model:	N/A

Environmental Consideration

Are there known hazardous materials at this site? (e.g., Asbestos, lead paint)	Maybe
Describe what is known:	Existing items on site to be demolished or relocated may have asbestos and other hazardous materials to be addressed in some manner.
Will abatement be required?	Not certain. Site investigations have not been undertaken at this time to determine if any hazardous materials abatement will need to be undertaken at the anticipated project site.

Personnel Relocations

Will this project require personnel relocations or vacating a building for any period of time?	No
Please explain: (including temporary facility requirements)	N/A

Project Schedule Impacts/Issues

What is the latest date this project could be completed without disrupting your program?	July 1, 2025
What is driving this date?	July 1, 2025 completion date is to support full facility operations, including completion of FF&E installation and building being fully operation by this date, in advance of the Fall 2025 semester.

Preliminary Construction Cost Estimate and Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only.)

Land Cost:	
a) Must be purchased?	
b) Land Cost:	0
c) Is an appraisal available?	

Offsite Construction:	$ TBD (For SPWD online application, only allows a number. 0 submitted.)
Onsite Development:	$ TBD (For SPWD online application, only allows a number. 0 submitted.)
Utility Connection Fees:	$ TBD (For SPWD online application, only allows a number. 0 submitted.)
Deeded Water Rights:	$ 0
Furniture, Fixtures and Equipment:	$ TBD (For SPWD online application, only allows a number. 0 submitted.)
Specialty Equipment: (Security systems, video equipment, CCTC)	$ TBD (For SPWD online application, only allows a number. 0 submitted.)
Data and Network Equipment:	$ TBD (For SPWD online application, only allows a number. 0 submitted.)
Telephone Equipment:	$ TBD (For SPWD online application, only allows a number. 0 submitted.)
Moving:	$ TBD (For SPWD online application, only allows a number. 0 submitted.)
Renovation of Vacated Space:	$ 0
Correction of Known Deficiencies:	
a) Correction Cost:	$ 0
b) Description	N/A
Known Commitments:	
a) Commitment Cost:	$ 0
b) Description:	N/A
Hazardous Materials Abatement:	$ 0
Other Costs not above:	
a) Other Cost:	$
b) Description:	
Total Project Cost:	$100M ($90M construction and FF&E, $10M planning/design and pre-construction, subject to SPWD verification of estimated project costs)

Preliminary Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only. *This section is not required if all funding is from State General Obligation Bonds.*)

Proposed Funding Breakdown:	
a) Agency *(State Agency funding outside of General Obligation Bonds)*	$50M (planning/design/construction and FF&E costs) – subject to SPWD verification of estimated project costs. Note – Agency funding may include donor funding, and/or funds secured via a financing based on agency and/or donor funds.
b) Federal	$ 0
c) Other/Donor:	$ 0
d) State: *(State General Obligation Bonds. This is the default funding source if other sources are not identified.)*	$50M (planning/design/construction and FF&E costs) – subject to SPWD verification of estimated project costs.
e) Total	$100M (subject to SPWD verification of estimated project costs.)
Proposed Funding Narrative:	
a) Describe each Source of Funding:	Funding may include donor funding, financing, Capital Improvement Fee revenues (CIF) and other unrestricted institutional funds.
b) Describe State match requirements: (if applicable)	
c) Describe funding restrictions that may affect this project:	None currently stated
d) Describe Agency actions that must be taken to make each funding source available:	Should the institution choose to finance part of their portion of the funds, we will need to arrange for this. Note that the amount is within our current bond authority.
e) When will each funding source be available?	Donors make commitments with the caveat that the funds will only be made available once the project is approved and the state committed to their part. Financing will not be done until the state has committed its funds as well.
f) When will each funding source expire?	NA

Agency Fiscal Point of Contact: (*This is typically not the same person who submits the project.)*	
a) Name:	Rebecca T. Barber, Ph.D.
b) Title:	Associate Vice President and Chief Budget Officer
c) Phone:	702-895-5183
d) Email:	rebecca.barber@unlv.edu

Site Analysis – New construction only

Estimated land area to be acquired (acres):	0
Will this project require new parking spaces?	Unknown
Are utilities available to site?	Unknown
Will the project require relocation of existing utilities?	Unknown
Are there any required off-site improvements or right-of-way dedications?	Unknown
Is the site in a flood plain?	No
Is the site in an airport impact zone?	No
Does the site contain any underground storage tanks?	No
Does the site contain any adverse soil conditions?	Unknown
Will the site require an environmental assessment?	Unknown
Will rezoning or a special use permit be required?	No
Will any utility connection fees need to be paid?	Yes

Will any water rights need to be deeded?	No
Will construction traffic degrade existing access or facilities?	Yes
Will the site require any hazardous material abatement?	Unknown
Explain other important considerations that may affect cost and/or scope.	Unknown. Items such as dewatering and other site considerations need further investigation.

Programming

New construction, building remodels, and building additions only

Has any architectural programming occurred? *(Programming is an architectural definition of the needs/problems that must be addressed by the project.)*	No
Usable square footage required (including storage space):	
a) New construction:	80,000 – 100,000 +/- (For SPWD online application, only allows one number, does not allow a range. 90,000 submitted.)
b) Remodel/Renovation:	0
c) Addition:	0
d) Total project:	80,000 – 100,000 +- (For SPWD online application, only allows one number, does not allow a range. 90,000 submitted.)
Occupancy Type: *(Assembly, business, educational, factory/industrial, high hazard, institutional, mercantile, residential, storage, utility/misc.)*	Educational
Approximate number of staff to occupy the facility	100

Approximate number of visitors per day:	500
Furnishing, Fixtures and Equipment (FF&E):	
a) Will this project require FF&E?	Yes
b) Describe what is required:	
How many years of future growth will this project accommodate?	10
List of required facilities: *(e.g., laboratory space, classroom space, office space, security systems, conference rooms, cafeterias, maintenance shops, garages and any unusual equipment required for your project.)*	Research and academic facilities and equipment consistent with wet/dry labs, research support facilities, other items.

CIP Evaluation Criteria

Institution: University of Nevada, Reno

Project Name: Life Sciences Building Planning & Construction

State Funding Request: $45,000,000

Project Description: Build a new state-of-the-art Life Sciences Building.

Institution Narrative:
Please describe how the project addresses each of the criteria (if the criteria does not apply indicate N/A):

- **While all proposals will be prioritized together, to position NSHE for better long-term success in securing capital funding, it is recommended that ultimately our priorities include at least two planning projects for the upcoming cycle (these would then be our top priorities for construction funding in the following biennium)**

- **Cost Savings – consider cost savings generated by eliminating or limiting deferred maintenance projects and/or operational savings**

A comprehensive review by hired consultants found that the Fleischmann Agriculture Building (FAB) not only fails to meet the current teaching and research needs, but the ventilation system, benchtops, and room layouts do not even meet current teaching standards. The floor-to-floor height of 12 feet does not allow for needed renovations to HVAC and mechanical systems. Given its structural limitations, renovations and/or reassignment of space would be insufficient to bring the facility up to modern teaching and research standards. **The generally poor condition of the building and the limited possibility of renovation led the consultants to recommend that a new Life Sciences research facility be built as it is not cost effective to upgrade the existing building.**

- **Industry or Student Demand – consider specialty classroom space required for courses to meet industry or student demand as well as the area needed to accommodate current and projected student enrollment**

Fleischmann Agriculture Building (FAB), is home to the College of Agriculture, Biotechnology & Natural Resources (CABNR) and the Department of Biology. Both units currently train students who will comprise the workforce for high-demand jobs in critical sectors, such as medicine, nursing, biotechnology, agriculture, climate sciences, nutrition, environmental quality, water resource management, water quality, and food security. A new building will be the location where faculty and students can successfully conduct critical research and education activities to solve the urgent problems Nevadans face. It will also be the site for training Nevada's pre-medical students, initiating them into medical and drug discovery and developing essential medical devices.

- **Life Safety and Code Compliance – consider the priority of the project to meet the life, safety, and code compliance needs of mission-critical items, including lifecycle cost analysis or projects that support vital programs and initiatives**

The comprehensive review found that the FAB not only fails to meet the current teaching and research needs. Specifically, the ventilation system, benchtops, and room layouts do not meet current teaching standards. The floor-to-floor height of 12 feet does not allow for needed renovations to HVAC and mechanical systems. Given its structural limitations, renovations and/or reassignment of space would be insufficient to bring the facility up to modern teaching and research standards. **The generally poor condition of the building and the limited possibility of renovation led the consultants to recommend that a new Life Sciences research facility be built.**

- **Advancing Board Goals or System Strategic Initiatives – consider how the project directly advances one or more of the Board Goals or System Strategic Initiatives**

A new Life Sciences Building directly advances all of the Board Goals as it can provide competitive research and teaching infrastructure required for specialized activities that will enhance the already transformational research the University performs. A modern Life Sciences building will attract diverse and talented students and faculty and is required to meet the expectations of rigorous sponsored research and education programs. This additional cutting-edge space is essential for meeting UNR's goal of advancing as a Carnegie R1 University and for providing modern and safe teaching laboratories.

- **Recent State Capital Funding – consider when the institution last received state funding for a capital project**

William N. Pennington Engineering Building

2017 Appropriation - State: $41.5M; UNR Donor funds and bond proceeds: $50.5M

- **Leveraging Outside Funding – consider what external funding may be accessed if a portion of the project receives funding. Institution Capital Funds – consider the ability of the institution to access internal funds for the project, or does the institution have limited options outside of state funding**

State: $45M; UNR: $45M

A total of $90M is needed for the planning, construction, and FFE costs for the new Life Sciences Building. UNR is requesting $45M from the State, and an additional $45M from the University of Nevada, Reno. The campus portion will be sourced from philanthropy and capital improvement fee backed debt.

Planning:

The total cost of planning and design is estimated $6.8M.

Construction & FFE:

The total cost of construction and outfitting for the 80,000 square foot Life Sciences Building is estimated at $83.2M. UNR is requesting $41.6M from the State.

Administrative Section

Project Name:	Life Sciences Building Planning and Construction
One Sentence Project Description:	Build a new state-of-the-art Life Sciences Building
Project Location:	
a) County:	Washoe
b) City:	Reno

Institution:	University of Nevada, Reno

Agency Point of Contact	
a) Name:	Vic Redding
b) Title:	Vice President, Administration and Finance
c) Phone:	(775) 784-4031
d) Email:	vredding@unr.edu

Has this project been previously requested in a prior CIP?	Yes
For Existing Facilities *(use attached "List of State-Owned Buildings" spreadsheet)*:	
a) Site Number:	N/A
b) Building Number:	N/A
c) Facility Condition Analysis Project Number (If available):	N/A
d) Is the Property State Owned?	N/A
e) Is the Facility State Owned?	N/A

Prior Design Work:	
a) Has design work been completed on this project?	N/A
b) Explain what has been completed.	N/A

Narrative Section *(responses limited to 3-5 sentences/200 words)*

Project Justification: (What is the driving need and how will this need be met?)	A new Life Sciences Building will replace the aging, 128,297 square-foot, 1963-built Fleishmann Agriculture Building (FAB), home to the University's Life Sciences education and research programs. These programs train students who will comprise the workforce for high-demand jobs in critical sectors, such as medicine, nursing, biotechnology, agriculture, climate sciences, nutrition, environmental quality, water resource management, water quality, and food security. A new building will be the site where faculty and students can successfully conduct critical basic science to solve the urgent problems Nevadans face. It will be the site for training Nevada's pre-medical students, initiating them into medical and drug discovery and developing essential medical devices.
Background Information: (What is the history?):	With seven teaching labs making up 6,624 square feet, the per student assignable square feet (ASF) is only 30.4, which ranks at the bottom of a comparison set of 12 other universities. The FAB provides approximately 39,000 ASF of research space for 48 faculty members from four departments. The ASF per research team member is 135, significantly below the median of comparison universities (approx. 180). Additionally, only about 22% of the research space is dedicated to shared functions, such as cold rooms, tissue culture, microscopy, freezers, etc. This stands in stark contrast to the modern life-science research facilities of our comparison institutions, where approximately 50% of research space is dedicated to such shared services. The building's available research space includes a considerable amount that was converted to research usage from its original intent, such as offices and closets.
Ramifications if not approved: (What will happen if not selected?)	Continued use of the antiquated FAB would be the only option; ventilation systems, benchtops, and room layouts would remain inadequate and fail to meet modern teaching standards.

Health, life safety, and/or legal issues: (Does this project resolve these issues? Be specific as possible.)	N/A

Mechanical and/or Electrical Equipment Replacement Projects

Type of Equipment to Replace:	N/A
Year Equipment Installed:	N/A
Equipment Manufacturer:	N/A
Equipment Model:	N/A

Environmental Consideration

Are there known hazardous materials at this site? (e.g., Asbestos, lead paint)	No
Describe what is known:	N/A
Will abatement be required?	No

Personnel Relocations

Will this project require personnel relocations or vacating a building for any period of time?	No
Please explain: (including temporary facility requirements)	N/A

Project Schedule Impacts/Issues

What is the latest date this project could be completed without disrupting your program?	2025

What is driving this date?	UNR has a deficit in research space; require new space to support projected growth.

Preliminary Construction Cost Estimate and Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only.)

Land Cost:	
a) Must be purchased?	No
b) Land Cost:	N/A
c) Is an appraisal available?	N/A
Offsite Construction:	$0
Onsite Development:	$90M: estimated planning, construction, and FFE costs, escalated to August 2022
Utility Connection Fees:	$412,000
Deeded Water Rights:	$0
Furniture, Fixtures and Equipment:	$2.8M
Specialty Equipment: (Security systems, video equipment, CCTC)	Included in construction cost above
Data and Network Equipment:	Included in construction cost above
Telephone Equipment:	Included in construction cost above
Moving:	$334,000
Renovation of Vacated Space:	$0
Correction of Known Deficiencies:	
a) Correction Cost:	$0
b) Description	N/A
Known Commitments:	
a) Commitment Cost:	$0
b) Description:	N/A

Hazardous Materials Abatement:	$0
Other Costs not above:	
a) Other Cost:	$0
b) Description:	N/A
Total Project Cost:	$90M, includes design at $6.8M and $4.3M of other soft costs

Preliminary Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only. *This section is not required if all funding is from State General Obligation Bonds.*)

Proposed Funding Breakdown:	
a) Agency *(State Agency funding outside of General Obligation Bonds)*	$45M
b) Federal	$0
c) Other/Donor:	$0
d) State: *(State General Obligation Bonds. This is the default funding source if other sources are not identified.)*	$45M
e) Total	$90M
Proposed Funding Narrative:	
a) Describe each Source of Funding:	UNR will provide $45M from anticipated student fee funded bonds.
b) Describe State match requirements: (if applicable)	UNR is requesting $45M as a Capital Improvement Project to cover the balance of the construction and FFE costs.
c) Describe funding restrictions that may affect this project:	None

d) Describe Agency actions that must be taken to make each funding source available:	NSHE would allocate debt funding per approval of the project.
e) When will each funding source be available?	Debt for the project would be made available upon approval at the 23 Session.
f) When will each funding source expire?	N/A Debt will be issued upon approval of the project.
Agency Fiscal Point of Contact: (*This is typically not the same person who submits the project.)*	
a) Name:	Shawn Norman
b) Title:	Associate Vice President, Planning Budget and Analysis
c) Phone:	(775) 784-6516
d) Email:	norman@unr.edu

Site Analysis – New construction only

Estimated land area to be acquired (acres):	2.0 acres, already owned by agency
Will this project require new parking spaces?	No. A new parking complex will be complete in late 2022, which has capacity to serve this new building
Are utilities available to site?	Yes
Will the project require relocation of existing utilities?	No
Are there any required off-site improvements or right-of-way dedications?	No
Is the site in a flood plain?	No
Is the site in an airport impact zone?	No
Does the site contain any underground storage tanks?	No

Does the site contain any adverse soil conditions?	No
Will the site require an environmental assessment?	No
Will rezoning or a special use permit be required?	No
Will any utility connection fees need to be paid?	Yes
Will any water rights need to be deeded?	Will use UNR water rights currently banked with Truckee Meadows Water Authority; no additional water rights will need to be purchased
Will construction traffic degrade existing access or facilities?	No
Will the site require any hazardous material abatement?	No
Explain other important considerations that may affect cost and/or scope.	N/A

Programming

New construction, building remodels, and building additions only

Has any architectural programming occurred? *(Programming is an architectural definition of the needs/problems that must be addressed by the project.)*	Yes, pre-design study completed in 2019
Usable square footage required (including storage space):	
a) New construction:	80,000
b) Remodel/Renovation:	N/A
c) Addition:	N/A
d) Total project:	80,000

Occupancy Type: *(Assembly, business, educational, factory/industrial, high hazard, institutional, mercantile, residential, storage, utility/misc.)*	Assembly, Office, Education
Approximate number of staff to occupy the facility	110
Approximate number of visitors per day:	2,000
Furnishing, Fixtures and Equipment (FF&E):	
a) Will this project require FF&E?	Yes
b) Describe what is required:	Office furniture, classroom furniture, laboratory furniture and equipment, audio visual equipment
How many years of future growth will this project accommodate?	Project addresses existing shortfall
List of required facilities: *(e.g., laboratory space, classroom space, office space, security systems, conference rooms, cafeterias, maintenance shops, garages and any unusual equipment required for your project.)*	Teaching Laboratories, research laboratories, laboratory support space, 300 seat lecture hall, offices/cubicle/admin space for 110 personnel, mix of small, medium and large conference/collaboration space, building security system, break room/kitchenette

CIP Evaluation Criteria

Institution: Truckee Meadows Community College

Project Name: EastView

State Funding Request: $30,000,000

Project Description: EastView, a new 52,000 square foot building located on the Dandini Campus, will provide students with the opportunity to engage in integrated, experiential, and hands-on learning to master concepts and skills related to Engineering and Robotics, Coding, Culinary Arts, Hospitality & Tourism, and Performing Arts. Regional economic data supports EastView's program integration, identifying three of five top-demand occupations in the Reno-Sparks emerging sectors to be industrial engineers, software developers/coders, and management. The EastView opportunities will prepare students for the careers that are the backbone for growth and economic vitality in northern Nevada.

Institution Narrative:
Please describe how the project addresses each of the criteria (if the criteria does not apply indicate N/A):

- **While all proposals will be prioritized together, to position NSHE for better long-term success in securing capital funding, it is recommended that ultimately our priorities include at least two planning projects for the upcoming cycle (these would then be our top priorities for construction funding in the following biennium)**

  In 2018, the Board of Regents approved $1M for the planning and design of EastView. The planning and design have been finalized and once funding is secured, TMCC is ready to build.

- **Cost Savings – consider cost savings generated by eliminating or limiting deferred maintenance projects and/or operational savings**

  N/A

- **Industry or Student Demand – consider specialty classroom space required for courses to meet industry or student demand as well as the area needed to accommodate current and projected student enrollment**

  The EastView Building is designed around the need for specialty classroom and learning laboratory environments that provide training opportunities aligned to critical in-demand community employment needs in post-pandemic Nevada. The sectors that provided economic resilience and vitality in Northern Nevada throughout the pandemic continue to be the high growth industries, fueling a growing need for skilled individuals with hands-on experience to join the workforce pipeline. As these sectors are production constrained, meaning they are unable to spare the time or space for industry-specific training for incoming workers and/or those who are upskilling, additional learning laboratories and high-quality workforce programs are needed. TMCC's current training spaces are unable to meet the enrollment needs of the community.

- **Life Safety and Code Compliance – consider the priority of the project to meet the life, safety, and code compliance needs of mission-critical items, including lifecycle cost analysis or projects that support vital programs and initiatives**

  The EastView Building will meet all required life, safety and code compliance elements of the college and improve upon the strategic health of the campus by adding another educational environment while preventing the disruption of the current infrastructure for learning. The programs that will be served by the building require specialized equipment to provide the relevant learning. TMCC's existing buildings do not have adequate infrastructure to support this equipment. The electrical and mechanical infrastructure of EastView will be specifically designed to support these programmatic and equipment needs to ensure maximized program function.

- **Advancing Board Goals or System Strategic Initiatives – consider how the project directly advances one or more of the Board Goals or System Strategic Initiatives**

EastView supports the following Board of Regents goals:

1) Access (Increase participation in post-secondary education):
   Increase access/participation in post-secondary education through planning and improving campus access, functioning and infrastructure for campus/learning environments, campus appeal to promote student engagement/attendance, and increasing post-secondary education campus/facility capacity.

2) Success (Increase student success):
   Increase student success through planning and improvements to the quality of learning environments, capability of learning environment infrastructure, and increasing student engagement with academic and campus programs.

3) Close the Achievement Gap (Close the achievement gap among underserved student populations):
   Planning and improvements to increase the quality of the campus to support the recruitment, retention, and success of underserved student populations, and to strongly engage underserved student populations to inclusively be a part of the broad and diverse campus community.

4) Workforce (Collaboratively address the challenges of the workforce and industry education needs of Nevada):
   Plan and provide facilities, spaces, infrastructure, and environments that support workforce development for in-demand occupations consistent with State of Nevada and industry economic development goals and needs.

- **Recent State Capital Funding – consider when the institution last received state funding for a capital project**

  TMCC last received State Capital Funding in the 1990's.

- **Leveraging Outside Funding – consider what external funding may be accessed if a portion of the project receives funding. Institution Capital Funds – consider the ability of the institution to access internal funds for the project, or does the institution have limited options outside of state funding**

  Additional funding sources include up to $5M in TMCC contingency funds, $5M in funds raised by the TMCC Foundation, and up to $20M in bond financing.

Administrative Section

Project Name:	TMCC East View Building Construction
One Sentence Project Description:	The new EastView project, an innovative and collaborative space that will include new spaces for technology, culinary, arts, hospitality and tourism and the performing arts, the latter a unique degree that offers the student a holistic view of the human experience.
Project Location:	The proposed building will reside on the southside of the East Parking Lot of the TMCC Dandini Campus.
a) County:	Washoe
b) City:	Reno

Institution:	Truckee Meadows Community College

Agency Point of Contact	
a) Name:	Ayodele Akinola
b) Title:	Executive Director, Facilities Operations and Capital Planning
c) Phone:	775-674-7617
d) Email:	aakinola@tmcc.edu

Has this project been previously requested in a prior CIP?	No
For Existing Facilities *(use attached "List of State-Owned Buildings" spreadsheet)*:	
a) Site Number:	
b) Building Number:	
c) Facility Condition Analysis Project Number (If available):	
d) Is the Property State Owned?	
e) Is the Facility State Owned?	

Prior Design Work:	
a) Has design work been completed on this project?	Yes
b) Explain what has been completed.	A preliminary program design for elements of a building that will house the academic programs has been generated as well as a preliminary cost estimate.

Narrative Section *(responses limited to 3-5 sentences/200 words)*

Project Justification: (What is the driving need and how will this need be met?)	TMCC will construct a new educational instruction and training center, on the main Dandini Campus that will be carefully aligned to careers of the post-COVID "Next" Nevada, serving as a critical link between employers and those Nevadans who are displaced or unemployed. Serving as a hub for in-demand programs needed to retrain a skilled workforce, this $60M million, 52,000 square foot facility, located on 3.28 acres of land owned by the Nevada System of Higher Education, in care of TMCC, will offer non-traditional methods of teaching and learning, a need revealed by the pandemic. The educational instruction and training facility, dubbed "EastView," will serve as a 'living-learning laboratory" that will promote interdisciplinary learning and community collaboration in sectors predicted to be in high demand during post-COVID recovery such as information technology, automation/robotics, hospitality and entrepreneurialism.
Background Information: (What is the history?):	TMCC has been a provider of higher education and career training for 50 years and strives to meet the evolving business needs of the community along these fronts. TMCC serves northern Nevada in multiple skilled workforce educational programs and continues to improve the students' proficiency by providing interactive experiences for learning.
Ramifications if not approved: (What will happen if not selected?)	TMCC will not be able to provide the quantity of career training at the rate necessary for sustaining a pool of qualified candidates into the northern Nevada workforce.
Health, life safety, and/or legal issues: (Does this project resolve these issues? Be specific as possible.)	N/A

Mechanical and/or Electrical Equipment Replacement Projects

Type of Equipment to Replace:	No
Year Equipment Installed:	

Equipment Manufacturer:	
Equipment Model:	

Environmental Consideration

Are there known hazardous materials at this site? (e.g., Asbestos, lead paint)	No
Describe what is known:	
Will abatement be required?	No

Personnel Relocations

Will this project require personnel relocations or vacating a building for any period of time?	No
Please explain: (including temporary facility requirements)	

Project Schedule Impacts/Issues

What is the latest date this project could be completed without disrupting your program?	
What is driving this date?	

Preliminary Construction Cost Estimate and Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only.)

Land Cost:	N/A
a) Must be purchased?	
b) Land Cost:	
c) Is an appraisal available?	

Offsite Construction:	$TBD
Onsite Development:	$ Estimate $60,000,000 Construction and FF&E
Utility Connection Fees:	$TBD
Deeded Water Rights:	$TBD
Furniture, Fixtures and Equipment:	$TBD
Specialty Equipment: (Security systems, video equipment, CCTC)	$TBD
Data and Network Equipment:	$TBD
Telephone Equipment:	$TBD
Moving:	$TBD
Renovation of Vacated Space:	$TBD
Correction of Known Deficiencies:	
a) Correction Cost:	$N/A
b) Description	There are no known deficiencies in areas surrounding the new building site
Known Commitments:	
a) Commitment Cost:	$N/A
b) Description:	There are no known commitments for the new building
Hazardous Materials Abatement:	$N/A
Other Costs not above:	
a) Other Cost:	$
b) Description:	
Total Project Cost:	$60 million

Preliminary Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only. *This section is not required if all funding is from State General Obligation Bonds.*)

Proposed Funding Breakdown:	
a) Agency *(State Agency funding outside of General Obligation Bonds)*	$20 million
b) Federal	Will seek potential grants
c) Other/Donor:	$5 million donors, $5 million contingency
d) State: *(State General Obligation Bonds. This is the default funding source if other sources are not identified.)*	$30 million
e) Total	$60 million
Proposed Funding Narrative:	
a) Describe each Source of Funding:	Funding will include $30 million state support, no more than $20 million in debt (payment to be funded with Capital Improvement Fees), and the remaining funds from donors, TMCC Contingency Reserves and potential federal grants.
b) Describe State match requirements: (if applicable)	$30 million is being requested in state match.
c) Describe funding restrictions that may affect this project:	The college will need to look at Capital revenues and potentially need to realign the registration fee accordingly.
d) Describe Agency actions that must be taken to make each funding source available:	Reserves are currently available. The debt will be BOR approved once state match is secured.
e) When will each funding source be available?	Reserves are currently available. BOR has approved preliminary approval to seek bond financing, which allows the Foundation to begin the capital campaign.
f) When will each funding source expire?	n/a

Agency Fiscal Point of Contact: (*This is typically not the same person who submits the project.)*	
a) Name:	Elise Bunkowski
b) Title:	Interim Executive Director, Finance
c) Phone:	775-674-7544
d) Email:	ebunkowski@tmcc.edu

Site Analysis – New construction only

Estimated land area to be acquired (acres):	None
Will this project require new parking spaces?	No
Are utilities available to site?	Yes
Will the project require relocation of existing utilities?	Yes
Are there any required off-site improvements or right-of-way dedications?	Unknown
Is the site in a flood plain?	No
Is the site in an airport impact zone?	No
Does the site contain any underground storage tanks?	No
Does the site contain any adverse soil conditions?	Yes, Rocky, High Clay Soils
Will the site require an environmental assessment?	No
Will rezoning or a special use permit be required?	No
Will any utility connection fees need to be paid?	Yes

Will any water rights need to be deeded?	Unknown
Will construction traffic degrade existing access or facilities?	Unknown
Will the site require any hazardous material abatement?	Unknown
Explain other important considerations that may affect cost and/or scope.	Unknown

Programming

New construction, building remodels, and building additions only

Has any architectural programming occurred? *(Programming is an architectural definition of the needs/problems that must be addressed by the project.)*	Architectural programming for this new building has begun.
Usable square footage required (including storage space):	
a) New construction:	52,000
b) Remodel/Renovation:	
c) Addition:	
d) Total project:	52,000
Occupancy Type: *(Assembly, business, educational, factory/industrial, high hazard, institutional, mercantile, residential, storage, utility/misc.)*	Business
Approximate number of staff to occupy the facility	10
Approximate number of visitors per day:	300-600

Furnishing, Fixtures and Equipment (FF&E):	
a) Will this project require FF&E?	Yes
b) Describe what is required:	As this is new construction, this building will require office and educational furnishings and equipment in order to provide effective skill apparatus for the instruction of information technology, automation/robotics, hospitality and entrepreneurialism. Office and common area furnishings will also be necessary to occupy the building.
How many years of future growth will this project accommodate?	Unknown
List of required facilities: *(e.g., laboratory space, classroom space, office space, security systems, conference rooms, cafeterias, maintenance shops, garages and any unusual equipment required for your project.)*	1 300 Seat Theater 2 Locker Rooms 18 Classrooms and Interactive Labs 1 Restaurant and Kitchen 1 Demonstration Lab 2 Refrigerated Food Storage Rooms 1 Scene Shop 1 Conference Center 16 Offices 4 Facilities & Mechanical Spaces

Truckee Meadows Community College Foundation
Proposed Capital Campaign for

EastView

Truckee Meadows Community College (TMCC) is planning to build **EastView**—an innovative 52,000 sq foot space that promotes experiential learning and community collaboration. Located on the main Dandini Campus, EastView will integrate TMCC's hands-on training programs in technology, culinary arts, hospitality and tourism, and performing arts—all emerging sectors fueling the growth and economic vitality of northern Nevada.

With a projected cost of $60 million, TMCC plans to fund the project through a variety of sources, including bond finances, private foundation grants and state funding.

EastView: A Space that Moves Art and Tech

COVID-19 has revealed the need for academic institutions to offer non-traditional ways to teach and learn. At EastView, students will gain hands-on experience and in-demand skills in these industries:

- **Theater / Performing Arts**
- **Robotics / Coding / Engineering / App Development**
- **Culinary**
- **Hospitality and Tourism**

TMCC Supports the New Nevada

Truckee Meadows Community College promotes student success, academic excellence, and access to lifelong learning for residents of Reno, Sparks and surrounding communities in northern Nevada.

TMCC offers educational and professional development opportunities to more than 25,000 students each year. TMCC also partners with the Washoe County School District, state colleges and universities, local business, industry, and service providers to bring the most relevant and enriching programming for the benefit of all community residents.

Northern Nevada has become a thriving center of commerce with a business-friendly atmosphere, relatively low cost of living, and a vibrant cultural life. As a result, the region is experiencing strong population and job growth that far outpaces the state as a whole.

Today, rapidly accelerating fields include **technology, engineering, and entrepreneurial innovation**. TMCC offers robust programs in applied technology and advanced manufacturing and robotics, and partners with companies such as Panasonic and Tesla to promote apprenticeships and accelerated pathways to new careers.

Tourism, hospitality, entertainment, and culinary arts are core pillars of the Nevada economy. In northern Nevada, these sectors all intersect in casino hotels which struggle to find enough qualified workers. TMCC offers the region's only degree programs in Culinary Arts, and in Hospitality and Tourism Management, a partnership with the University of Nevada, Las Vegas. TMCC's Theater Arts department has long desired to expand certificate and degree offerings for skilled entertainment technicians but has lacked appropriate facilities.

With growth in commercial innovation comes a thriving and diverse arts scene. The City of Reno has identified the need for more regional **performing arts spaces** to host productions and events for residents and visitors. Since 2002, TMCC has used the Nell J. Redfield Performing Arts Center, located over six miles from the main campus, for its theater programs. Recently, safety and structural issues have prohibited its continued use.

50+ **Programs of study offered at TMCC**

160+ **Completion options available — degree, certificate, university transfer**

95% **Students who remain in Nevada after TMCC graduation**

32% **Hispanic students as part of entire student body — TMCC is a Hispanic-Serving Institution**

The growing call from these industries for skilled employees and entrepreneurs demands that TMCC respond with its own innovation— in the design of new curricula, new spaces, and non-traditional ways of teaching the students of tomorrow.

EastView is the answer. With 52,000 square feet, EastView will create a hub of state-of-the-art, hands-on learning labs that promote creative and collaborative teaching opportunities across multiple disciplines, while providing ample space to expand programs.

EastView Fosters Creativity and Innovation

EastView will feature four distinct areas connected through a commitment to the creative and entrepreneurial spirit:

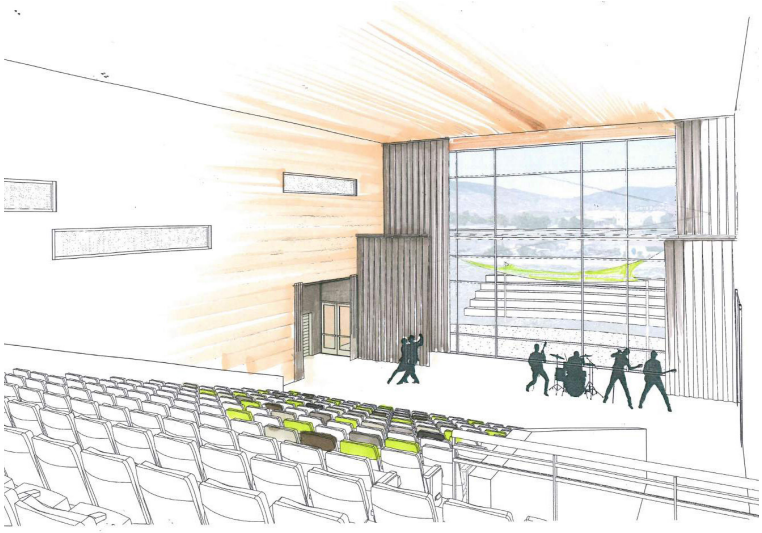
ActionLink Center

At the heart of this building will be the ActionLink Center, a flexible space designed to foster connections among TMCC programs, industry professionals, students and TMCC faculty. ActionLink is a hub for students pursuing careers in engineering and emerging technology fields such as robotics, as well as coding skills for careers in cybersecurity, financial technologies, and mobile app development. The center will feature open-concept tiered seating, a presentation floor and lecture hall, coding rooms and computer lab, engineering and robotics maker's lab, and collaboration spaces designed for capstone projects in mobile app development and robotics competition planning. ActionLink epitomizes the STEAM concept, in that real projects that require creativity, teamwork, and entrepreneurial mindsets are integrated with science and technology to ensure that students are career ready for a constantly evolving technology economy.

Theater for Performing Arts and Technology

EastView will provide a permanent home for TMCC's performing arts with a new theater. Features include a 300-seat thrust stage theater, outdoor amphitheater, scene shop, lighting lab, sound recording lab, green room and dressing rooms, a classroom, and offices. With the theater's location on the Dandini Campus, TMCC expects to double course enrollment in current Theater and Performing Arts programs as a result of easier access for all students.

The theater will support new certificate programs for stage and event technicians who manage and operate sound, lighting, broadcasting, mechanized scenic effects, and visualization software. TMCC will be the first and only provider of this type of training and certification in northern Nevada.



Sierra Culinary Institute

Representing a significant expansion of the existing Culinary Arts program, this state-of-the-art facility will include a 90-seat restaurant with advanced catering kitchen and terrace, a demonstration classroom/lab with tiered seating, a student study area and locker room, offices, and storage. With the EastView expansion, capacity in the Culinary Arts degree program will allow for additional degree offerings in Baking and Pastry, Advanced Culinary, and Food Science. The facility also will have the capacity to host regional competitions, social events, and seminars.

Hospitality & Tourism

EastView will dedicate space to teaching the business of hospitality and tourism. To support and grow the Hospitality and Tourism Management degree program, there will be classrooms and model hotel accommodations to give students hands-on practice in service, safety, and professional skills. An added benefit is the proximity to culinary and technology facilities, affording faculty the opportunity for interdisciplinary collaboration.

In all, EastView will contribute to the growth and vitality of northern Nevada. Access to outstanding higher education is the bedrock of a community. What the COVID-19 pandemic has illustrated, however, is the need for academic institutions to adapt quickly to new ways of teaching and learning.

EastView is designed as a non-traditional space, where students can experience hands-on instruction in small group and individuals settings. Students, including those from disadvantaged circumstances, will achieve competence and success. As future employees and employers, they will learn the practical skills and hone the entrepreneurial mindset that will be needed fuel the region's economic strength.

TMCC Foundation
Truckee Meadows Community College
7000 Dandini Boulevard, RDMT 200
Reno, Nevada 89512-3999
tmcc.edu/foundation

CIP Evaluation Criteria

Institution: College of Southern Nevada

Project Name: Sahara West Workforce Education & Training Center (specialized workforce labs)

State Funding Request: $4,500,000

Project Description: The scope of the project consists of upgrades of the facility to meet current building code requirements, mechanical systems, infrastructure, and utilities (HVAC, electrical, data, plumbing, etc.). The improvements will include classroom, laboratory upgrades to accommodate program development to meet the growing workforce needs in the community.

Institution Narrative:
Please describe how the project addresses each of the criteria (if the criteria does not apply indicate N/A):

- **While all proposals will be prioritized together, to position NSHE for better long-term success in securing capital funding, it is recommended that ultimately our priorities include at least two planning projects for the upcoming cycle (these would then be our top priorities for construction funding in the following biennium)**

- **Cost Savings – consider cost savings generated by eliminating or limiting deferred maintenance projects and/or operational savings**

  Increased costs will be realized the longer the project is delayed, due to the cost escalation for construction. Improvements in the facility infrastructure are anticipated to result in more efficient mechanical systems and should result in utility and operational savings.

- **Industry or Student Demand – consider specialty classroom space required for courses to meet industry or student demand as well as the area needed to accommodate current and projected student enrollment**

  Workforce training and support for displaced workers and underemployed individuals in the areas of manufacturing and logistics, information technology, and health care professions is supported at this facility. In addition, students have the opportunity for intrusive case management, adult basic education/high school equivalency, and English as a second language classes. Classrooms will support direct industry sector skilled certifications and student demand. The building is at capacity given current configuration and lacks the ability to leverage technology in support of demand.

- **Life Safety and Code Compliance – consider the priority of the project to meet the life, safety, and code compliance needs of mission-critical items, including lifecycle cost analysis or projects that support vital programs and initiatives**

  This project includes essential code and infrastructure improvements including life safety and existing code requirements. The facility was built in 1970's/1980's and has mechanical units, fire systems, and electrical, that is at end of life.

  The facility requires ADA improvements to meet student, community, and employee needs.

- **Advancing Board Goals or System Strategic Initiatives – consider how the project directly advances one or more of the Board Goals or System Strategic Initiatives**

  This project aligns with multiple priorities of the Board of Regents Strategic Goals, including Access, Student Success, and Workforce.

- **Recent State Capital Funding – consider when the institution last received state funding for a capital project**

  During the 19 Legislative Session, CSN received capital funding for project 19-C28 which included construction and furniture, fixtures, and equipment (FF&E) for the CSN/NSC Health & Sciences Building.

- **Leveraging Outside Funding – consider what external funding may be accessed if a portion of the project receives funding. Institution Capital Funds – consider the ability of the institution to access internal funds for the project, or does the institution have limited options outside of state funding**

  CSN has pledged a match for $1.5M.

Administrative Section

Project Name:	Sahara West Code and Facility Upgrades
One Sentence Project Description:	The scope of the project consists of classroom, laboratory upgrades to accommodate program development to meet the growing workforce needs in the community. It also includes upgrading building systems and infrastructure and utilities (HVAC, electrical, data, plumbing, etc.)
Project Location:	2401 and 2409 Las Verdes St., Las Vegas, NV 89102
a) County:	Clark
b) City:	Las Vegas

Institution:	College of Southern Nevada (CSN)

Agency Point of Contact	
a) Name:	Patricia Charlton
b) Title:	Vice President, College of Southern Nevada
c) Phone:	(702) 651-3598
d) Email:	patty.charlton@csn.edu

Has this project been previously requested in a prior CIP?	Yes
For Existing Facilities *(use attached "List of State-Owned Buildings" spreadsheet)*:	
a) Site Number:	None listed on spreadsheet
b) Building Number:	2063 and 2064
c) Facility Condition Analysis Project Number (If available):	N/A
d) Is the Property State Owned?	Yes
e) Is the Facility State Owned?	Yes

Prior Design Work:	
a) Has design work been completed on this project?	A full facility assessment including existing building systems and programming for laboratories have been done.
b) Explain what has been completed.	A new manufacturing lab renovation of 1,192sf was completed 3/2022

Narrative Section *(responses limited to 3-5 sentences/200 words)*

Project Justification: (What is the driving need and how will this need be met?)	Sahara West is the home of CSN's Workforce Center. The facility is outdated at a site of two buildings, which were originally constructed in 1973 and 1981 respectively. These buildings/facilities are in need of code compliance improvements, renovations to upgrade infrastructure, utilities, classrooms and laboratory to support the growing community demands and needs for program development, workforce and skills training and certifications.
Background Information: (What is the history?):	The existing facility was originally constructed in 1973 and 1981 and layout cannot support the growing needs and demands of the community and the students. The existing classroom and laboratory layouts cannot accommodate program needs, utility and infrastructure are outdated and undersized.
Ramifications if not approved: (What will happen if not selected?)	CSN would not be able to meet the demands and needs of the community for workforce and skills improvements. Moreover due to the age of the building, the building systems are beyond their useful life, the utilities and infrastructure are out of date and there are items that do not meet current codes and standards. This may result in the facilities being closed down for safety and accessibility issues, and inability to support critical community needs.
Health, life safety, and/or legal issues: (Does this project resolve these issues? Be specific as possible.)	There are several egress and accessibility issues that will be resolved as a result of this project. These issues will be brought up to current code requirements. In addition, outdated fire alarm panels and systems will be upgraded to current technology and mechanical and electrical equipment and panels, that are at end of useful life will be replaced.

Mechanical and/or Electrical Equipment Replacement Projects

Type of Equipment to Replace:	Mechanical equipment, electrical equipment and panels, ductwork, plumbing, low voltage (data and security, equipment rack) need to be replaced.
Year Equipment Installed:	varies
Equipment Manufacturer:	Varies

Equipment Model:	varies

Environmental Consideration

Are there known hazardous materials at this site? (e.g., Asbestos, lead paint)	At this time, we are uncertain of potential unknown conditions, as noted during programming and site evaluation review possible asbestos and other site accessibility and considerations may be realized.
Describe what is known:	We have discovered asbestos in the adhesives under the carpet and resilient flooring in the past, as expected due to the age of the buildings. Asbestos was discovered during the recent lab renovation
Will abatement be required?	Yes. If asbestos is discovered, as it has been in the past, we will need to abate it.

Personnel Relocations

Will this project require personnel relocations or vacating a building for any period of time?	Yes
Please explain: (including temporary facility requirements)	There is staff and programs and classes that are located in the facility. This facility is the main location for CSN's Workforce Center. This project will require the relocation of staff and programs and classes that are currently located and assigned to the facility for the duration of construction.

Project Schedule Impacts/Issues

What is the latest date this project could be completed without disrupting your program?	Seeking funding approval not later than the 2023 Legislative session. Construction would need to commence as soon as possible to support business operations.
What is driving this date?	The existing building equipment, such as mechanical units and electrical panels are at end of useful life. Other building systems such as the fire alarm system are functional but outdated and obsolete. Restrooms fixtures are failing and need to be replaced. Parking paving and pedestrian pathways need to be repaired and improved. We are operating on borrowed time with these building systems.

Preliminary Construction Cost Estimate and Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only.)

Land Cost:	
a) Must be purchased?	No. Property is owned
b) Land Cost:	
c) Is an appraisal available?	No
Offsite Construction:	$120,000
Onsite Development:	$250,000
Utility Connection Fees:	$15,000
Deeded Water Rights:	$0
Furniture, Fixtures and Equipment:	$250,000
Specialty Equipment: (Security systems, video equipment, CCTC)	$265,000
Data and Network Equipment:	$125,000
Telephone Equipment:	$
Moving:	$125,000
Renovation of Vacated Space:	$4,850,000
Correction of Known Deficiencies:	
a) Correction Cost:	$
b) Description	
Known Commitments:	
a) Commitment Cost:	$
b) Description:	
Hazardous Materials Abatement:	$
Other Costs not above:	
a) Other Cost:	$

b) Description:	
Total Project Cost:	$6,000,000

Preliminary Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only. *This section is not required if all funding is from State General Obligation Bonds.*)

Proposed Funding Breakdown:	
a) Agency *(State Agency funding outside of General Obligation Bonds)*	$1,500,000
b) Federal	$
c) Other/Donor:	$
d) State: *(State General Obligation Bonds. This is the default funding source if other sources are not identified.)*	$4,500,000
e) Total	$6,000,000
Proposed Funding Narrative:	
a) Describe each Source of Funding:	State funding requested of $4,500,000
b) Describe State match requirements: (if applicable)	Agency (CSN) to provide match of $1,500,000
c) Describe funding restrictions that may affect this project:	
d) Describe Agency actions that must be taken to make each funding source available:	
e) When will each funding source be available?	Agency (CSN) match is available and on hand.

f) When will each funding source expire?	
Agency Fiscal Point of Contact: (*This is typically not the same person who submits the project.)*	
a) Name:	Mary Kaye Bailey
b) Title:	Vice President Finance & Administration
c) Phone:	702-651-7437
d) Email:	Marykaye.bailey@csn.edu

Site Analysis – New construction only

Estimated land area to be acquired (acres):	
Will this project require new parking spaces?	
Are utilities available to site?	
Will the project require relocation of existing utilities?	
Are there any required off-site improvements or right-of-way dedications?	
Is the site in a flood plain?	
Is the site in an airport impact zone?	
Does the site contain any underground storage tanks?	
Does the site contain any adverse soil conditions?	
Will the site require an environmental assessment?	
Will rezoning or a special use permit be required?	

Will any utility connection fees need to be paid?	
Will any water rights need to be deeded?	
Will construction traffic degrade existing access or facilities?	
Will the site require any hazardous material abatement?	
Explain other important considerations that may affect cost and/or scope.	

Programming

New construction, building remodels, and building additions only

Has any architectural programming occurred? *(Programming is an architectural definition of the needs/problems that must be addressed by the project.)*	Yes. Preliminary architectural programming efforts has been done.
Usable square footage required (including storage space):	
a) New construction:	
b) Remodel/Renovation:	12,538sf (Building A); 8,553sf (Building B)
c) Addition:	
d) Total project:	12,538sf (Building A); 8,553sf (Building B)
Occupancy Type: *(Assembly, business, educational, factory/industrial, high hazard, institutional, mercantile, residential, storage, utility/misc.)*	Educational
Approximate number of staff to occupy the facility	15

Approximate number of visitors per day:	2500
Furnishing, Fixtures and Equipment (FF&E):	
a) Will this project require FF&E?	Yes. Furnishings, fixtures and equipment need to be replaced.
b) Describe what is required:	New desks, tables, chairs, instructional equipment are needed for the offices, classrooms and labs.
How many years of future growth will this project accommodate?	10 years
List of required facilities: *(e.g., laboratory space, classroom space, office space, security systems, conference rooms, cafeterias, maintenance shops, garages and any unusual equipment required for your project.)*	Staff and faculty offices Meeting rooms and conference rooms Classrooms Laboratories Storage Restrooms Breakroom

CIP Evaluation Criteria

Institution: Nevada State College

Project Name: STEAM (Science, Technology, Engineering, Arts and Math) Academic Building (planning)

State Funding Request: $6,622,000

Project Description: Nevada State College is requesting $6,622,000 in funds for the planning of a new 50,000 SF educational facility to expand physical and life sciences, math, and fine arts.

Institution Narrative:
Please describe how the project addresses each of the criteria (if the criteria does not apply indicate N/A):

- **While all proposals will be prioritized together, to position NSHE for better long-term success in securing capital funding, it is recommended that ultimately our priorities include at least two planning projects for the upcoming cycle (these would then be our top priorities for construction funding in the following biennium)**
    - This is a planning project to help us meet the needs of our physical and life sciences, stem and arts fields

- **Cost Savings – consider cost savings generated by eliminating or limiting deferred maintenance projects and/or operational savings**
    - NSC is currently facing aging labs and Air Handling Unit issues on the second floor of LAS labs due to over 80% utilization
    - Generators at LAS are undersized due to the reduction of the building during design and not adequate during power outage

- **Industry or Student Demand – consider specialty classroom space required for courses to meet industry or student demand as well as the area needed to accommodate current and projected student enrollment**
    - There is only one classroom for the emerging Art program.
    - Desired Art needed include 2-3D, specialty (ceramics, glass, paint). Visual Media outgrown current facilities
    - Current physical and life science course are limited as the current space does not accommodate the increased enrollment
    - Desire to merge digital discipline in the science field

- **Life Safety and Code Compliance – consider the priority of the project to meet the life, safety, and code compliance needs of mission-critical items, including lifecycle cost analysis or projects that support vital programs and initiatives**

  - Inadequate HVAC for the science labs
  - Inadequate chemical storage and chemical supplies in different buildings-need adequate ventilation, gas cabinet, flammable dispensing area with firewalls
  - No dedicated space for chemical waste storage
  - Fume hood and biosafety cabinets in open lab spaces where ideally should be in a dedicated space

- **Advancing Board Goals or System Strategic Initiatives – consider how the project directly advances one or more of the Board Goals or System Strategic Initiatives**

  - Access – with more lab space and more courses offered, there will be increased participation and enrollment
  - Success – with ample access, this will enable students to be successful
  - Closing the achievement gaps
  - Workforce development in critical fields
  - Research – this will provide more undergraduate research

- **Recent State Capital Funding – consider when the institution last received state funding for a capital project**

  - Planning for CEB in FY 2017 enabled NSC's enrollment to increase by 49%. Since that time annual FTE have grown. Planning for the STEAM building will enable additional enrollment and FTE status.

- **Leveraging Outside Funding – consider what external funding may be accessed if a portion of the project receives funding. Institution Capital Funds – consider the ability of the institution to access internal funds for the project, or does the institution have limited options outside of state funding**

  - As a small, young institution, there is still a growing need to develop the alumni base to secure additional donor funds. Without enrollment increase, the alumni base is minimal thus difficult to raise funds for this purpose.
  - NSC have traditionally not requested matching advance planning funds because of relative uncertainty of having those funds allocated.

Administrative Section

Project Name:	STEAM (Science, Technology, Engineering, Arts and Math) Academic Building
One Sentence Project Description:	Nevada State College is requesting $6,622,000 in funds for the planning of a new educational facility
Project Location:	North edge of the Nevada State College campus, adjacent to the Liberal Arts and Science Building
a) County:	Clark
b) City:	Henderson

Institution:	Board of Regent of the Nevada System of Higher Education on behalf of Nevada State College

Agency Point of Contact	
a) Name:	Lisa Schock
b) Title:	Associate Vice President – Campus Infrastructure
c) Phone:	702-992-2315
d) Email:	Lisa.Schock@nsc.edu

Has this project been previously requested in a prior CIP?	Yes. This project was requested in the 2021 session
For Existing Facilities *(use attached "List of State-Owned Buildings" spreadsheet)*:	N/A – this is a new building request
a) Site Number:	N/A
b) Building Number:	N/A
c) Facility Condition Analysis Project Number (If available):	N/A
d) Is the Property State Owned?	N/A
e) Is the Facility State Owned?	N/A

Prior Design Work:	
a) Has design work been completed on this project?	No
b) Explain what has been completed.	

Narrative Section *(responses limited to 3-5 sentences/200 words)*

Project Justification: (What is the driving need and how will this need be met?)	As the newest college in the NSHE system and the second fastest growing four-year public institution in the nation, Nevada State College has dramatically increased our total number of students and staff without proportionally increasing our physical space. The college has grown in headcount enrollment by 61.3% since Fall 2016, on pace to double enrollment every 7 years. With innovative and efficient use of our existing facilities, we have continued to thrive and grow, but even with the addition of a new School of Education building in 2021, we do not have the physical resources required to educate our students with anticipated enrollment gains, particularly in the physical and life sciences. These programs require laboratories, specialized equipment, and secure storage. By supporting the planning for this building now, NSHE will help to ensure that Nevada State can meet the needs of its students and support the infrastructure needed to train these students to enter high-demand STEM fields. The proposed 50,000 SF facility will provide classroom, laboratory, and office space required to meet our escalating demand for classes in STEAM fields, particularly physical and life sciences including biology and chemistry.
Background Information: (What is the history?):	The building will be located near the Liberal Arts and Sciences building constructed in 2008 with State funding in order to cluster science labs, maximizing space efficiency and providing convenience to students.
Ramifications if not approved: (What will happen if not selected?)	Given the growth rate of the college, there will be a shortage of classroom and instructional support space if additional building space is not constructed. This could result in capping enrollment or reducing the number of academic programs offered, equating to fewer Nevadans being served by the college.
Health, life safety, and/or legal issues: (Does this project resolve these issues? Be specific as possible.)	N/A

Mechanical and/or Electrical Equipment Replacement Projects

Type of Equipment to Replace:	N/A
Year Equipment Installed:	N/A
Equipment Manufacturer:	N/A
Equipment Model:	N/A

Environmental Consideration

Are there known hazardous materials at this site? (e.g., Asbestos, lead paint)	No
Describe what is known:	N/A
Will abatement be required?	N/A

Personnel Relocations

Will this project require personnel relocations or vacating a building for any period of time?	No
Please explain: (including temporary facility requirements)	N/A

Project Schedule Impacts/Issues

What is the latest date this project could be completed without disrupting your program?	July 2025
What is driving this date?	Enrollment trends indicate that the college will need to double its campus space every 7 years in order to keep pace with the growing number of students it serves. When the Education Academic Building, currently being constructed, is completed in Fall of 2021, the college will again be out of academic space and need to start planning for additional classrooms and support space.

Preliminary Construction Cost Estimate and Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only.)

Land Cost:	
a) Must be purchased?	No
b) Land Cost:	$0
c) Is an appraisal available?	N/A
Offsite Construction:	$300,000
Onsite Development:	$42,542,336
Utility Connection Fees:	$750,000
Deeded Water Rights:	$0
Furniture, Fixtures and Equipment:	$4,500,000
Specialty Equipment: (Security systems, video equipment, CCTC)	$4,500,000
Data and Network Equipment:	$2,500,000
Telephone Equipment:	$100,000
Moving:	$100,000
Renovation of Vacated Space:	$300,000
Correction of Known Deficiencies:	N/A
a) Correction Cost:	$0
b) Description	N/A
Known Commitments:	N/A
a) Commitment Cost:	$0
b) Description:	N/A
Hazardous Materials Abatement:	$0
Other Costs not above:	
a) Other Cost:	$6,662,000

b) Description:	Planning (Architect/Engineering)
Total Project Cost:	$54,054,336

Preliminary Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only. *This section is not required if all funding is from State General Obligation Bonds.*)

Proposed Funding Breakdown:	
a) Agency *(State Agency funding outside of General Obligation Bonds)*	N/A
b) Federal	N/A
c) Other/Donor:	N/A
d) State: *(State General Obligation Bonds. This is the default funding source if other sources are not identified.)*	$6,662,000
e) Total	$6,662,000 is requested for planning at this time.
Proposed Funding Narrative:	
a) Describe each Source of Funding:	N/A
b) Describe State match requirements: (if applicable)	N/A
c) Describe funding restrictions that may affect this project:	N/A
d) Describe Agency actions that must be taken to make each funding source available:	N/A
e) When will each funding source be available?	N/A

f) When will each funding source expire?	N/A
Agency Fiscal Point of Contact: (*This is typically not the same person who submits the project.)*	
a) Name:	Kevin Butler
b) Title:	Senior VP Finance and Business Operations
c) Phone:	702-992-2312
d) Email:	Kevin.butler@nsc.edu

Site Analysis – New construction only

Estimated land area to be acquired (acres):	None
Will this project require new parking spaces?	Yes
Are utilities available to site?	Yes
Will the project require relocation of existing utilities?	Yes
Are there any required off-site improvements or right-of-way dedications?	Yes
Is the site in a flood plain?	No
Is the site in an airport impact zone?	No
Does the site contain any underground storage tanks?	No
Does the site contain any adverse soil conditions?	Site may contain naturally occurring asbestos in native soils
Will the site require an environmental assessment?	No
Will rezoning or a special use permit be required?	No

Will any utility connection fees need to be paid?	Yes
Will any water rights need to be deeded?	No
Will construction traffic degrade existing access or facilities?	No
Will the site require any hazardous material abatement?	No
Explain other important considerations that may affect cost and/or scope.	None

Programming

New construction, building remodels, and building additions only

Has any architectural programming occurred? *(Programming is an architectural definition of the needs/problems that must be addressed by the project.)*	No
Usable square footage required (including storage space):	
a) New construction:	50,000
b) Remodel/Renovation:	None
c) Addition:	None
d) Total project:	50,000
Occupancy Type: *(Assembly, business, educational, factory/industrial, high hazard, institutional, mercantile, residential, storage, utility/misc.)*	B (Higher Education)
Approximate number of staff to occupy the facility	60 FTE

Approximate number of visitors per day:	10,000
Furnishing, Fixtures and Equipment (FF&E):	
a) Will this project require FF&E?	Yes
b) Describe what is required:	Furnishings, technology equipment, science equipment (i.e. fume hoods, biosafety cabinets, etc.)
How many years of future growth will this project accommodate?	5
List of required facilities: *(e.g., laboratory space, classroom space, office space, security systems, conference rooms, cafeterias, maintenance shops, garages and any unusual equipment required for your project.)*	Science Lab fixtures and equipment Computer Lab equipment

CIP Evaluation Criteria

Institution: Desert Research Institute

Project Name: Advance Planning Rogers Science & Technology Building, Atomic Testing Museum Space

State Funding Request: $250,000

Project Description: Advance planning for space currently leased to the National Nuclear Security Administration for the National Atomic Testing Museum, to be used for DRI education offices, advancement offices, engineering laboratories, and auditorium.

Institution Narrative:
Please describe how the project addresses each of the criteria (if the criteria does not apply indicate N/A):

- **While all proposals will be prioritized together, to position NSHE for better long-term success in securing capital funding, it is recommended that ultimately our priorities include at least two planning projects for the upcoming cycle (these would then be our top priorities for construction funding in the following biennium)**

- **Cost Savings – consider cost savings generated by eliminating or limiting deferred maintenance projects and/or operational savings**

Repurposing the space currently leased to the National Nuclear Security Administration allows room for continued growth of programs on DRI's Las Vegas campus without the need to construct a new building.

- **Industry or Student Demand – consider specialty classroom space required for courses to meet industry or student demand as well as the area needed to accommodate current and projected student enrollment**

If the need is identified during planning, specialty classroom space may be included as part of the design for retrofitting the leased space.

- **Life Safety and Code Compliance – consider the priority of the project to meet the life, safety, and code compliance needs of mission-critical items, including lifecycle cost analysis or projects that support vital programs and initiatives**

Re-use of the leased space by DRI will allow program growth without the need to construct a new building.

- **Advancing Board Goals or System Strategic Initiatives – consider how the project directly advances one or more of the Board Goals or System Strategic Initiatives**

Use of the leased space by DRI allows continued growth of existing and new research programs on DRI's Las Vegas campus.

- **Recent State Capital Funding – consider when the institution last received state funding for a capital project**

DRI has not received Capital funding since the 2007 Legislature.

- **Leveraging Outside Funding – consider what external funding may be accessed if a portion of the project receives funding. Institution Capital Funds – consider the ability of the institution to access internal funds for the project, or does the institution have limited options outside of state funding**

Diverting internal funds raised through research project ICR reduces DRI's ability to stay competitive in the Research Marketplace.

Administrative Section

Project Name:	Advance Planning Rogers Science & Technology Building, Atomic Testing Museum Space
One Sentence Project Description:	Advance planning for space currently leased to the National Nuclear Security Administration for the National Atomic Testing Museum, to be used for DRI education offices, advancement offices, engineering laboratories, and auditorium
Project Location:	755 E. Flamingo Road
a) County:	Clark
b) City:	Las Vegas

Institution:	Desert Research Institute

Agency Point of Contact	
a) Name:	Peter Ross
b) Title:	AVP Campus Planning & Physical Plant
c) Phone:	775-673-7388
d) Email:	pross@dri.edu

Has this project been previously requested in a prior CIP?	Yes
For Existing Facilities *(use attached "List of State-Owned Buildings" spreadsheet)*:	
a) Site Number:	9791
b) Building Number:	3220
c) Facility Condition Analysis Project Number (If available):	
d) Is the Property State Owned?	Yes
e) Is the Facility State Owned?	Yes

Prior Design Work:	
a) Has design work been completed on this project?	No
b) Explain what has been completed.	Preliminary Cost Analysis

Narrative Section *(responses limited to 3-5 sentences/200 words)*

Project Justification: (What is the driving need and how will this need be met?)	DRI currently leases space in the Rogers Science & Technology Building to the U.S. General Service Administration for use by the National Nuclear Security Administration (NNSA), National Atomic Testing Museum (NATM). The current lease term ends in 2023. The NATM, supported by the City of Las Vegas, wishes to relocate to Downtown Las Vegas after the current lease term ends. Further, the State Legislature appropriated $1M to fund planning for a new museum building. If the museum moves, DRI will need to remodel the space to allow re-use. This project will provide planning money to develop a preliminary plan and cost estimate.
Background Information: (What is the history?):	The Rogers Science & Technology Building located on DRI's Las Vegas Campus was constructed in 2003. 43,110 gross square feet of the building was designed specifically for the tenant's use. This space must be modified to allow use by DRI programs.
Ramifications if not approved: (What will happen if not selected?)	Failure to fund this project may delay reconstructing the space to meet DRI program needs.
Health, life safety, and/or legal issues: (Does this project resolve these issues? Be specific as possible.)	Reconstructing the space will allow development of new laboratories needed for DRI program growth. Many DRI programs require space specifically designed to mitigate potential health hazards. For example, ventilated laboratory space with chemical fume hoods installed.

Mechanical and/or Electrical Equipment Replacement Projects

Type of Equipment to Replace:	N/A
Year Equipment Installed:	
Equipment Manufacturer:	
Equipment Model:	

Environmental Consideration

Are there known hazardous materials at this site? (e.g., Asbestos, lead paint)	No
Describe what is known:	
Will abatement be required?	

Personnel Relocations

Will this project require personnel relocations or vacating a building for any period of time?	TBD - unlikely
Please explain: (including temporary facility requirements)	

Project Schedule Impacts/Issues

What is the latest date this project could be completed without disrupting your program?	2024
What is driving this date?	End of current GSA lease.

Preliminary Construction Cost Estimate and Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only.)

Land Cost:	N/A
a) Must be purchased?	
b) Land Cost:	
c) Is an appraisal available?	
Offsite Construction:	$
Onsite Development:	$
Utility Connection Fees:	$

Deeded Water Rights:	$
Furniture, Fixtures and Equipment:	$
Specialty Equipment: (Security systems, video equipment, CCTC)	$
Data and Network Equipment:	$
Telephone Equipment:	$
Moving:	$
Renovation of Vacated Space:	$
Correction of Known Deficiencies:	
a) Correction Cost:	$
b) Description	
Known Commitments:	
a) Commitment Cost:	$
b) Description:	
Hazardous Materials Abatement:	$
Other Costs not above:	
a) Other Cost:	$250000
b) Description:	
Total Project Cost:	$250000

Preliminary Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only. *This section is not required if all funding is from State General Obligation Bonds.*)

Proposed Funding Breakdown:	
a) Agency	$

(State Agency funding outside of General Obligation Bonds)	
b) Federal	$
c) Other/Donor:	$
d) State: *(State General Obligation Bonds. This is the default funding source if other sources are not identified.)*	$250,000
e) Total	$250,000
Proposed Funding Narrative:	
a) Describe each Source of Funding:	
b) Describe State match requirements: (if applicable)	
c) Describe funding restrictions that may affect this project:	
d) Describe Agency actions that must be taken to make each funding source available:	
e) When will each funding source be available?	
f) When will each funding source expire?	
Agency Fiscal Point of Contact: (*This is typically not the same person who submits the project.)*	
a) Name:	Lindsay Sessions
b) Title:	Controller
c) Phone:	775-673-7395

d) Email:	Lindsay.Sessions@dri.edu

Site Analysis – New construction only

Estimated land area to be acquired (acres):	
Will this project require new parking spaces?	
Are utilities available to site?	
Will the project require relocation of existing utilities?	
Are there any required off-site improvements or right-of-way dedications?	
Is the site in a flood plain?	
Is the site in an airport impact zone?	
Does the site contain any underground storage tanks?	
Does the site contain any adverse soil conditions?	
Will the site require an environmental assessment?	
Will rezoning or a special use permit be required?	
Will any utility connection fees need to be paid?	
Will any water rights need to be deeded?	
Will construction traffic degrade existing access or facilities?	
Will the site require any hazardous material abatement?	

Explain other important considerations that may affect cost and/or scope.	

Programming

New construction, building remodels, and building additions only

Has any architectural programming occurred? *(Programming is an architectural definition of the needs/problems that must be addressed by the project.)*	
Usable square footage required (including storage space):	
a) New construction:	
b) Remodel/Renovation:	
c) Addition:	
d) Total project:	
Occupancy Type: *(Assembly, business, educational, factory/industrial, high hazard, institutional, mercantile, residential, storage, utility/misc.)*	
Approximate number of staff to occupy the facility	
Approximate number of visitors per day:	
Furnishing, Fixtures and Equipment (FF&E):	
a) Will this project require FF&E?	
b) Describe what is required:	

How many years of future growth will this project accommodate?	
List of required facilities: *(e.g., laboratory space, classroom space, office space, security systems, conference rooms, cafeterias, maintenance shops, garages and any unusual equipment required for your project.)*	

CIP Evaluation Criteria

Institution: Nevada State College

Project Name: Water Infrastructure

State Funding Request: $6,248,000

Project Description: Nevada State College is requesting $6,248,000 in funds for the planning of a new water infrastructure

Institution Narrative:
Please describe how the project addresses each of the criteria (if the criteria does not apply indicate N/A):

- **While all proposals will be prioritized together, to position NSHE for better long-term success in securing capital funding, it is recommended that ultimately our priorities include at least two planning projects for the upcoming cycle (these would then be our top priorities for construction funding in the following biennium)**
  - NSC requested both planning and/or construction in each of previous four legislative sessions which increases the certainty of construction funds

- **Cost Savings – consider cost savings generated by eliminating or limiting deferred maintenance projects and/or operational savings**
  - Resolve the issue of low water pressure in fire pumps and domestic water lines
  - Cost savings to mitigate frequent water pressure test
  - Loss of water pressure as the areas around us continues development
  - Mitigate cost to install Booster Pumps in all buildings to achieve domestic water pressure to restrooms
  - Cost for weekly 30 minute fire pump test

- **Industry or Student Demand – consider specialty classroom space required for courses to meet industry or student demand as well as the area needed to accommodate current and projected student enrollment**
  - Only about 15% of the Nevada State College campus' 512 acres has sufficient water pressure needed for fire suppression and domestic water supply. Because of this, the college is only able to build where adequate pressure exists, instead of following its campus master plan.
  - Restricts the ability to cluster similar purposed facilities

- **Life Safety and Code Compliance – consider the priority of the project to meet the life, safety, and code compliance needs of mission-critical items, including lifecycle cost analysis or projects that support vital programs and initiatives**

  - Diesel pump less dependable than properly pressured utility lines
  - Storage of diesel reservoir tanks inside each building
  - Fire flammable materials are not dependable
  - Difficulties maintaining desired levels and have experienced inspection failure as a result

- **Advancing Board Goals or System Strategic Initiatives – consider how the project directly advances one or more of the Board Goals or System Strategic Initiatives**

  - Access, success, and integrity of having a safe campus environment

- **Recent State Capital Funding – consider when the institution last received state funding for a capital project**

  - Asked for the last 4 years and is critical infrastructure to a state campus

- **Leveraging Outside Funding – consider what external funding may be accessed if a portion of the project receives funding. Institution Capital Funds – consider the ability of the institution to access internal funds for the project, or does the institution have limited options outside of state funding**

  - Sought and will continue to seek grant funding opportunities as well as partnerships with other agencies.

Administrative Section

Project Name:	Water Infrastructure
One Sentence Project Description:	Nevada State College is requesting $6,248,000 in funds for the planning of a new educational facility
Project Location:	A one million (1,000,000) gallon reservoir would be constructed near the southern border of the Nevada State College campus with water lines connecting to City of Henderson water infrastructure via a pump station on the northern edge of campus.
a) County:	Clark
b) City:	Henderson

Institution:	Board of Regent of the Nevada System of Higher Education on behalf of Nevada State College

Agency Point of Contact	
a) Name:	Lisa Schock
b) Title:	Associate Vice President – Campus Infrastructure
c) Phone:	702-992-2315
d) Email:	Lisa.Schock@nsc.edu

Has this project been previously requested in a prior CIP?	Yes. This project was requested in the 2015, 2017, and 2021 session. Water pressure remains an obstacle to building out the Nevada State College campus.
For Existing Facilities *(use attached "List of State-Owned Buildings" spreadsheet)*:	N/A – this is a new infrastructure request
a) Site Number:	N/A
b) Building Number:	N/A
c) Facility Condition Analysis Project Number (If available):	N/A
d) Is the Property State Owned?	N/A

e) Is the Facility State Owned?	N/A
Prior Design Work:	
a) Has design work been completed on this project?	No
b) Explain what has been completed.	N/A

Narrative Section *(responses limited to 3-5 sentences/200 words)*

Project Justification: (What is the driving need and how will this need be met?)	Only about 15% of the Nevada State College campus' 512 acres has sufficient water pressure needed for fire suppression and domestic water supply. Because of this, the college is only able to build where adequate pressure exists, instead of following its campus master plan. When fully built out, this will result in an inefficient and confusing campus. In addition, the buildings that we can build require expensive booster pumps to support fire, life, safety and domestic water systems. The enrollment trends at the college indicate that we will need to double in square footage every 7 years. This will require construction at elevations that not only have insufficient water pressure, but pumps will be ineffective due to cavitation. An investment in campus infrastructure now will save significant resources related to future construction projects.
Background Information: (What is the history?):	This project was proposed in the 2015, 2017, and 2021sessions. It remains a hurdle for the growth of Nevada State College.
Ramifications if not approved: (What will happen if not selected?)	As the college continues to grow in enrollment and services to all Nevadans, it will eventually not be able to build on approximately 85% of its campus. In addition, current construction is incurring hundreds of thousands of dollars in avoidable costs of booster pumps, not to mention the ongoing operational cost to test and maintain booster pumps and the countless gallons of water wasted during the weekly tests.
Health, life safety, and/or legal issues: (Does this project resolve these issues? Be specific as possible.)	N/A

Mechanical and/or Electrical Equipment Replacement Projects

Type of Equipment to Replace:	N/A

Year Equipment Installed:	N/A
Equipment Manufacturer:	N/A
Equipment Model:	N/A

Environmental Consideration

Are there known hazardous materials at this site? (e.g., Asbestos, lead paint)	No
Describe what is known:	N/A
Will abatement be required?	N/A

Personnel Relocations

Will this project require personnel relocations or vacating a building for any period of time?	No
Please explain: (including temporary facility requirements)	N/A

Project Schedule Impacts/Issues

What is the latest date this project could be completed without disrupting your program?	July 2025
What is driving this date?	Enrollment trends indicate that the college will need to double its campus space every 7 years in order to keep pace with the growing number of students it serves. When the Education Academic Building currently being constructed is complete in Fall of 2021, the college will again be out of academic space and need to start planning for additional classrooms and support space. Without reliable water pressure, each new building will need to include approximately $150,000 of avoidable cost related to fire suppression and domestic water pumps.

Preliminary Construction Cost Estimate and Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only.)

Land Cost:	
a) Must be purchased?	No
b) Land Cost:	$0
c) Is an appraisal available?	N/A
Offsite Construction:	$450,000
Onsite Development:	$5,448,000
Utility Connection Fees:	$350,000
Deeded Water Rights:	$0
Furniture, Fixtures and Equipment:	$0
Specialty Equipment: (Security systems, video equipment, CCTC)	$0
Data and Network Equipment:	$0
Telephone Equipment:	$0
Moving:	$0
Renovation of Vacated Space:	$0
Correction of Known Deficiencies:	N/A
a) Correction Cost:	$0
b) Description	N/A
Known Commitments:	N/A
a) Commitment Cost:	$0
b) Description:	N/A
Hazardous Materials Abatement:	$0
Other Costs not above:	
a) Other Cost:	$0

b) Description:	
Total Project Cost:	$6,248,000

Preliminary Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only. *This section is not required if all funding is from State General Obligation Bonds.*)

Proposed Funding Breakdown:	
a) Agency *(State Agency funding outside of General Obligation Bonds)*	N/A
b) Federal	N/A
c) Other/Donor:	N/A
d) State: *(State General Obligation Bonds. This is the default funding source if other sources are not identified.)*	$6,248,000
e) Total	$6,248,000
Proposed Funding Narrative:	
a) Describe each Source of Funding:	N/A
b) Describe State match requirements: (if applicable)	N/A
c) Describe funding restrictions that may affect this project:	N/A
d) Describe Agency actions that must be taken to make each funding source available:	N/A
e) When will each funding source be available?	N/A

f) When will each funding source expire?	N/A
Agency Fiscal Point of Contact: (*This is typically not the same person who submits the project.)*	
a) Name:	Kevin Butler
b) Title:	Senior VP Finance and Business Operations
c) Phone:	702-992-2312
d) Email:	Kevin.butler@nsc.edu

Site Analysis – New construction only

Estimated land area to be acquired (acres):	None
Will this project require new parking spaces?	No
Are utilities available to site?	Yes
Will the project require relocation of existing utilities?	Yes
Are there any required off-site improvements or right-of-way dedications?	Yes
Is the site in a flood plain?	No
Is the site in an airport impact zone?	No
Does the site contain any underground storage tanks?	No
Does the site contain any adverse soil conditions?	Site may contain naturally occurring asbestos in native soils
Will the site require an environmental assessment?	No
Will rezoning or a special use permit be required?	No

Will any utility connection fees need to be paid?	Yes
Will any water rights need to be deeded?	No
Will construction traffic degrade existing access or facilities?	No
Will the site require any hazardous material abatement?	No
Explain other important considerations that may affect cost and/or scope.	None

Programming

New construction, building remodels, and building additions only

Has any architectural programming occurred? *(Programming is an architectural definition of the needs/problems that must be addressed by the project.)*	Yes, but will need to be revised
Usable square footage required (including storage space):	
a) New construction:	None
b) Remodel/Renovation:	None
c) Addition:	None
d) Total project:	None
Occupancy Type: *(Assembly, business, educational, factory/industrial, high hazard, institutional, mercantile, residential, storage, utility/misc.)*	N/A
Approximate number of staff to occupy the facility	The infrastructure will serve approximately 800 current employees and more as the college continues to grow.

Approximate number of visitors per day:	The college is master planned to serve 25,000 students. This infrastructure will provide the capacity to serve that population.
Furnishing, Fixtures and Equipment (FF&E):	
a) Will this project require FF&E?	No
b) Describe what is required:	N/A
How many years of future growth will this project accommodate?	30
List of required facilities: *(e.g., laboratory space, classroom space, office space, security systems, conference rooms, cafeterias, maintenance shops, garages and any unusual equipment required for your project.)*	Water Reservoir Pump Station Water Distribution Piping

CIP Evaluation Criteria

Institution: University of Nevada, Las Vegas

Project Name: UNLV Fine Arts Building (formerly UNLV Grant Hall Replacement)

State Funding Request: $50,000,000

Project Description: New UNLV Fine Arts Building

Institution Narrative:

Brief Description: The investment in the new Fine Arts Building will replace end-of-life Fine Arts facilities in Grant Hall, and to provide additional research/discovery, academic, class lab, and other spaces to support UNLV academic and research programs, and subsequent workforce development for UNLV Fine Arts graduates who are ultimately employed in areas such as performing arts, graphic design and other areas that support Southern Nevada's core hospitality industry. Over the last decade enrollment in the College of Fine Arts has grown by 22% and is unable to meet demand in some of the programs due to limitations in the quantity and quality of the space

Please describe how the project addresses each of the criteria (if the criteria does not apply indicate N/A):

Cost Savings – consider cost savings generated by eliminating or limiting deferred maintenance projects and/or operational savings

The construction of this new building is needed to replace a campus building that is well beyond its useful life and is not suitable for renovation. The building was originally constructed in 1959 as a gymnasium and has been retrofitted numerous times over the years as needs and occupants changed.

State public works first included this building on the list of those to be demolished and replaced in approximately 1998. The replacement would eliminate the need to invest significant deferred maintenance projects for Grant Hall (currently estimated at over $2.6M) and reduce deferred maintenance in the adjacent Alta Ham Fine Arts building (currently estimated at an additional $10.8M).

Industry or Student Demand – consider specialty classroom space required for courses to meet industry or student demand as well as the area needed to accommodate current and projected student enrollment

Given the centrality of arts and entertainment to the Nevada economy (surpassing gaming as the reason why people come here), continuing to provide graduates with the dance, music, design, and artistic skills necessary to create some of the largest and most complex shows in the world is necessary for supporting the Nevada economy.

Over the last decade, enrollment in the College of Fine Arts has grown by 22%. The college has added 450 students, growing from 2040 in fall 2011 to 2,490 in fall 2021. UNLV's ability to increase enrollments in all programs would be addressed by this new building. The graphic design program has high-demand and our ability to serve these students is severely limited by space constraints and inadequate infrastructure.

Fine arts requires specialized classrooms that differ substantially from the other types of instructional spaces on campus. The demands of our industry partners drive our need for spaces equal in quality and equipment to their organizations to compete in today's competitive educational recruitment.

Life Safety and Code Compliance – consider the priority of the project to meet the life, safety, and code compliance needs of mission-critical items, including lifecycle cost analysis or projects that support vital programs and initiatives

This project, as with all of our projects, will be designed to meet or exceed all life safety, accessibility, and sustainability standards through excellent and efficient design. By applying standards for good design, we create energy-efficient spaces while ensuring that we address the vital needs of our programs without compromising safety or code standards. For this building, these requirements will be built into the new structure, allowing us to provide labs and spaces that meet or exceed the safety and code requirements.

While UNLV has prioritized ensuring that the current building meets all life safety requirements, the building is far beyond its useful lifespan and is not up to the current codes in ways that are not safety related. Bringing the building fully to current code would be as expensive as replacing it.

Advancing Board Goals or System Strategic Initiatives – consider how the project directly advances one or more of the Board Goals or System Strategic Initiatives

This new space will have an impact on advancing the following Board Goals.

Workforce needs Nevada: Hospitality is a core industry of southern Nevada, that is supported by a strong entertainment industry that is only growing - and which graduates of the UNLV College of Fine Arts trains the workforce, be it in graphic design, performing arts, music, architecture or other fine arts programs. Further, its use of technology is constantly expanding.

Access will be enhanced because UNLV is unable to meet current student demand for programs in the Fine Arts due to limitations in the amount of and quality of space.

Success will be enhanced because our students will be able to learn and collaborate in an environment that sets them up for success. Our students will be more competitive for jobs when educated in classrooms designed with current technology.

The **Achievement Gap** will be addressed more effectively because the design of the building includes spaces specific to increasing interaction between faculty and students, especially first generation and minority students who may not have the cultural capital needed to recognize that need. These types of spaces reduce the achievement gap and put all students on an equal footing.

Recent State Capital Funding – consider when the institution last received state funding for a capital project

UNLV last received state capital funding for the Advanced Engineering Building, presently under construction and being managed by the State Public Works Board. Funding for construction and FF&E was originally funded during the 2019 session; however, the appropriation was rescinded during the COVID-19 pandemic. Funding for construction and FF&E was restored in the 2021 session. The rescission resulted in a delay of over two years for completion of this project. This University is far behind in the capital investment needed to meet the demand for serving our students and community.

Leveraging Outside Funding – consider what external funding may be accessed if a portion of the project receives funding. Institution Capital Funds – consider the ability of the institution to access internal funds for the project, or does the institution have limited options outside of state funding

UNLV will commit $50M to this building (half of the funding required for the building). It will fund our half using a blend of philanthropy, internal capital funds, and financing. Given the multiple other space and building needs on our campus, we are not in a position to fund this entire building. If state funding is not allocated, we do not anticipate being able to proceed with this project.

Administrative Section

Project Name:	UNLV Fine Arts Building (formerly UNLV Grant Hall Replacement)
One Sentence Project Description:	New UNLV Fine Arts Building
Project Location:	UNLV Maryland Campus
a) County:	Clark
b) City:	Las Vegas

Institution:	UNLV

Agency Point of Contact	
a) Name:	David Frommer
b) Title:	Associate Vice President of Planning, Construction and Real Estate
c) Phone:	702-895-2873
d) Email:	David.frommer@unlv.edu

Has this project been previously requested in a prior CIP?	Yes
For Existing Facilities *(use attached "List of State-Owned Buildings" spreadsheet)*:	N/A
a) Site Number:	N/A
b) Building Number:	N/A
c) Facility Condition Analysis Project Number (If available):	N/A
d) Is the Property State Owned?	N/A
e) Is the Facility State Owned?	N/A

Prior Design Work:	
a) Has design work been completed on this project?	No
b) Explain what has been completed.	Pre-programming effort is underway.

Narrative Section *(responses limited to 3-5 sentences/200 words)*

Project Justification: (What is the driving need and how will this need be met?)	The UNLV College of Fine Arts currently resides in a variety of campus facilities. Many of these existing Fine Arts facilities do not provide facilities that are adequate in size, sufficient or of a contemporary quality level commensurate with a Fine Arts School at a Carnegie R1 institution, and some are inadequate outside of an R1 standard. Furthermore, UNLV, per the Fall 2017 Bi-Annual NSHE Space Inventory Study, has a significant space deficit, particularly related to classroom and class lab space. UNLV also has meaningful space deficits in contemporary quality academic and research space. This project is focused on providing additional research/discovery, academic, class lab and other spaces to support UNLV academic and research programs, in light of significant existing space deficits that exist for UNLV for these programs/activities.
Background Information: (What is the history?):	State CIP requests for a similar new Fine Arts Facility (previously titled "UNLV Grant Hall Replacement") were submitted in the 2007-2009 CIP, the 2009-2011 CIP, the 2013-2015 CIP and 2021-2023 CIP, but did not receive any CIP funding or approvals associated with past CIP requests.
Ramifications if not approved: (What will happen if not selected?)	UNLV will not have sufficient space and facilities that will be provided by the UNLV Fine Arts Building – to further support education, research and workforce development – for needs related to Fine Arts education, training, research and discovery for the Nevada community and industries.
Health, life safety, and/or legal issues: (Does this project resolve these issues? Be specific as possible.)	None. This project is focused on providing sufficient space and facilities to support fine arts related education, research and workforce development for these needs in the Nevada community and industries.

Mechanical and/or Electrical Equipment Replacement Projects

Type of Equipment to Replace:	N/A
Year Equipment Installed:	N/A
Equipment Manufacturer:	N/A

Equipment Model:	N/A

Environmental Consideration

Are there known hazardous materials at this site? (e.g., Asbestos, lead paint)	No
Describe what is known:	N/A
Will abatement be required?	Not certain. Site investigations have not been undertaken at this time to determine if any hazardous materials abatement will need to be undertaken at the anticipated project site.

Personnel Relocations

Will this project require personnel relocations or vacating a building for any period of time?	No
Please explain: (including temporary facility requirements)	N/A

Project Schedule Impacts/Issues

What is the latest date this project could be completed without disrupting your program?	July 1, 2025
What is driving this date?	July 1, 2025 completion date is to support fully facility operations, including completion of FF&E installation and building being fully operation by this date, in advance of the Fall 2025 semester.

Preliminary Construction Cost Estimate and Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only.)

Land Cost:	
a) Must be purchased?	No
b) Land Cost:	$0

c) Is an appraisal available?	No
Offsite Construction:	$TBD (For SPWD online application, only allows a number. 0 submitted.)
Onsite Development:	$ TBD (For SPWD online application, only allows a number. 0 submitted.)
Utility Connection Fees:	$ TBD (For SPWD online application, only allows a number. 0 submitted.)
Deeded Water Rights:	$0
Furniture, Fixtures and Equipment:	$ TBD (For SPWD online application, only allows a number. 0 submitted.)
Specialty Equipment: (Security systems, video equipment, CCTC)	$ TBD (For SPWD online application, only allows a number. 0 submitted.)
Data and Network Equipment:	$ TBD (For SPWD online application, only allows a number. 0 submitted.)
Telephone Equipment:	$ TBD (For SPWD online application, only allows a number. 0 submitted.)
Moving:	$ TBD (For SPWD online application, only allows a number. 0 submitted.)
Renovation of Vacated Space:	$0
Correction of Known Deficiencies:	
a) Correction Cost:	$0
b) Description	N/A
Known Commitments:	
a) Commitment Cost:	$0
b) Description:	N/A
Hazardous Materials Abatement:	$0
Other Costs not above:	
a) Other Cost:	N/A
b) Description:	N/A
Total Project Cost:	$100M (planning/pre-construction phase only, project cost estimate subject to SPWD verification)

Preliminary Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only. *This section is not required if all funding is from State General Obligation Bonds.*)

Proposed Funding Breakdown:	
a) Agency *(State Agency funding outside of General Obligation Bonds)*	$50M (50% of planning/design and pre-construction costs) – project cost estimate subject to SPWD verification. Note – Agency funding may include donor funding, and/or funds secured via a financing based on agency and/or donor funds.
b) Federal	$0
c) Other/Donor:	$0
d) State: *(State General Obligation Bonds. This is the default funding source if other sources are not identified.)*	$50M (50% of planning/design and pre-construction costs) – project cost estimate subject to SPWD verification.
e) Total	$100M (planning/design/pre-construction, project cost estimate subject to SPWD verification)
Proposed Funding Narrative:	
a) Describe each Source of Funding:	Pre-programming efforts are funded by past state funding. Construction funding may include donor funding, financing, Capital Improvement Fee revenues (CIF) and other unrestricted institutional funds.
b) Describe State match requirements: (if applicable)	
c) Describe funding restrictions that may affect this project:	None currently stated
d) Describe Agency actions that must be taken to make each funding source available:	Should the institution choose to finance part of their portion of the funds, we will need to arrange for this. Note that the amount is within our current bond authority.
e) When will each funding source be available?	Donors make commitments with the caveat that the funds will only be made available once the project is approved and the state committed to their part. Financing will not be done until the state has committed its funds as well.

f) When will each funding source expire?	NA
Agency Fiscal Point of Contact: (*This is typically not the same person who submits the project.)*	
a) Name:	Rebecca T. Barber, Ph.D.
b) Title:	Associate Vice President and Chief Budget Officer
c) Phone:	702-895-5183
d) Email:	rebecca.barber@unlv.edu

Site Analysis – New construction only

Estimated land area to be acquired (acres):	0
Will this project require new parking spaces?	Unknown
Are utilities available to site?	Unknown
Will the project require relocation of existing utilities?	Unknown
Are there any required off-site improvements or right-of-way dedications?	Unknown
Is the site in a flood plain?	No
Is the site in an airport impact zone?	No
Does the site contain any underground storage tanks?	No
Does the site contain any adverse soil conditions?	Unknown
Will the site require an environmental assessment?	Unknown
Will rezoning or a special use permit be required?	No

Will any utility connection fees need to be paid?	Yes
Will any water rights need to be deeded?	No
Will construction traffic degrade existing access or facilities?	Yes
Will the site require any hazardous material abatement?	Unknown
Explain other important considerations that may affect cost and/or scope.	Unknown. Items such as dewatering and other site considerations need further investigation.

Programming

New construction, building remodels, and building additions only

Has any architectural programming occurred? *(Programming is an architectural definition of the needs/problems that must be addressed by the project.)*	Yes
Usable square footage required (including storage space):	
a) New construction:	80,000 – 100,000 +/- (For SPWD online application, only allows one number, does not allow a range. 95,000 submitted.)
b) Remodel/Renovation:	0
c) Addition:	0
d) Total project:	80,000 – 100,000 +/- (For SPWD online application, only allows one number, does not allow a range. 95,000 submitted.)
Occupancy Type: *(Assembly, business, educational, factory/industrial, high hazard, institutional, mercantile, residential, storage, utility/misc.)*	Educational

Approximate number of staff to occupy the facility	100
Approximate number of visitors per day:	750
Furnishing, Fixtures and Equipment (FF&E):	
a) Will this project require FF&E?	Yes
b) Describe what is required:	
How many years of future growth will this project accommodate?	10
List of required facilities: *(e.g., laboratory space, classroom space, office space, security systems, conference rooms, cafeterias, maintenance shops, garages and any unusual equipment required for your project.)*	Research and academic facilities and equipment consistent with fine arts studios/labs/discovery spaces, research support facilities, other items.

CIP Evaluation Criteria

Institution: Nevada State College

Project Name: Student Wellness Center (planning)

State Funding Request: $7,000,000

Project Description: Nevada State College is requesting $7,000,000 in funds for the planning of the new wellness center

Institution Narrative:
Please describe how the project addresses each of the criteria (if the criteria does not apply indicate N/A):

- **While all proposals will be prioritized together, to position NSHE for better long-term success in securing capital funding, it is recommended that ultimately our priorities include at least two planning projects for the upcoming cycle (these would then be our top priorities for construction funding in the following biennium)**
  - Planning grant requested
  - NSC has no comprehensive wellness center due to limited resources for mental health and having to source to a third party

- **Cost Savings – consider cost savings generated by eliminating or limiting deferred maintenance projects and/or operational savings**
  - Eliminate third party services
  - Can add additional square footage to the Academic village
  - Affordable modular construction

- **Industry or Student Demand – consider specialty classroom space required for courses to meet industry or student demand as well as the area needed to accommodate current and projected student enrollment**
  - Medical services for students and staff are needed. It is no longer optional to not have on campus
  - Expanded services on mental wellness and counseling

- **Life Safety and Code Compliance – consider the priority of the project to meet the life, safety, and code compliance needs of mission-critical items, including lifecycle cost analysis or projects that support vital programs and initiatives**

  - Adding to health and well-being helps to reduce safety concerns on campus

- **Advancing Board Goals or System Strategic Initiatives – consider how the project directly advances one or more of the Board Goals or System Strategic Initiatives**

  - Access, closing the achievement gaps, provide equal access help ensure healthy/positive to all low cost healthcare options for faculty, staff and students.

- **Recent State Capital Funding – consider when the institution last received state funding for a capital project**

  - Planning for CEB in FY 2017 enabled NSC's enrollment to increase by 49%. Since that time annual FTE have grown. Planning for the wellness building will enable additional services for the increased student enrollment and FTE faculty and staff.

- **Leveraging Outside Funding – consider what external funding may be accessed if a portion of the project receives funding. Institution Capital Funds – consider the ability of the institution to access internal funds for the project, or does the institution have limited options outside of state funding**

  - As a small, young institution, there is still a growing need to develop the alumni base to secure additional donor funds. Without enrollment increase, the alumni base is minimal thus difficult to raise funds for this purpose.
  - NSC have traditionally not requested matching advance planning funds because of relative uncertainty of having those funds allocated.

Administrative Section

Project Name:	Student Wellness Center
One Sentence Project Description:	Nevada State College is requesting $7,000,000 in funds for the planning of the new wellness center
Project Location:	Northeastern edge of the Nevada State College campus, adjacent to the Student Housing
a) County:	Clark
b) City:	Henderson

Institution:	Board of Regent of the Nevada System of Higher Education on behalf of Nevada State College

Agency Point of Contact	
a) Name:	Lisa Schock
b) Title:	Associate Vice President – Campus Infrastructure
c) Phone:	702-992-2315
d) Email:	Lisa.Schock@nsc.edu

Has this project been previously requested in a prior CIP?	No
For Existing Facilities *(use attached "List of State-Owned Buildings" spreadsheet)*:	N/A – this is a new building request
a) Site Number:	N/A
b) Building Number:	N/A
c) Facility Condition Analysis Project Number (If available):	N/A
d) Is the Property State Owned?	N/A
e) Is the Facility State Owned?	N/A

Prior Design Work:	
a) Has design work been completed on this project?	No
b) Explain what has been completed.	N/A

Narrative Section *(responses limited to 3-5 sentences/200 words)*

Project Justification: (What is the driving need and how will this need be met?)	The Student Wellness is focused on student wellness and recreation. This will establish a mental health facility with Nevada State's own licensed counselor, faculty and staff treatment center, student health center (including labs), recreation (small gym, group classes), holistic healing, and substance counseling for a growing need. The wellness center is to assess, discuss, and recommend intervention to the appropriate campus departments, divisions or persons in response to significant campus situations and events such as: issues of bias, student death or significant trauma, problematic student situations involving medical or psychological concerns, and campus emergency situations that directly affect the well-being of students and the campus community at large.
Background Information: (What is the history?):	To maintain a safe and secure learning environment at Nevada State College by addressing the physical and psychological issues that impact students, faculty and staff in the pursuit of the educational process. Currently, NSC offers limited mental health services through a contract with All About You, a third-party provider. Due to increased demand for mental health support in 2020, the College allocated additional funding to contract with AAY for more service days to shorten waitlist times. A building to house a wellness center would provide a centralized location for the food pantry, individual and group therapy, and other wellness services, and would help address the issues raised in the survey. We would also be able to provide expanded service hours beyond normal business hours.
Ramifications if not approved: (What will happen if not selected?)	NSC does not have an established student wellness department. NSC's RealCollege survey results showed that more than half of students did not know how to access the wellness services that are available. This will cause undue stress to a highly racially and ethnically diverse group who are disproportionately returning students who care for children and/or balance classes with employment in the local community.
Health, life safety, and/or legal issues: (Does this project resolve these issues? Be specific as possible.)	N/A

Mechanical and/or Electrical Equipment Replacement Projects

Type of Equipment to Replace:	N/A
Year Equipment Installed:	N/A
Equipment Manufacturer:	N/A
Equipment Model:	N/A

Environmental Consideration

Are there known hazardous materials at this site? (e.g., Asbestos, lead paint)	No
Describe what is known:	N/A
Will abatement be required?	N/A

Personnel Relocations

Will this project require personnel relocations or vacating a building for any period of time?	No
Please explain: (including temporary facility requirements)	N/A

Project Schedule Impacts/Issues

What is the latest date this project could be completed without disrupting your program?	July 2026
What is driving this date?	N/A

Preliminary Construction Cost Estimate and Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only.)

Land Cost:	
a) Must be purchased?	No
b) Land Cost:	$0
c) Is an appraisal available?	N/A
Offsite Construction:	N/A
Onsite Development:	N/A
Utility Connection Fees:	N/A
Deeded Water Rights:	N/A
Furniture, Fixtures and Equipment:	N/A
Specialty Equipment: (Security systems, video equipment, CCTC)	N/A
Data and Network Equipment:	N/A
Telephone Equipment:	N/A
Moving:	N/A
Renovation of Vacated Space:	N/A
Correction of Known Deficiencies:	N/A
a) Correction Cost:	N/A
b) Description	N/A
Known Commitments:	N/A
a) Commitment Cost:	N/A
b) Description:	N/A
Hazardous Materials Abatement:	N/A
Other Costs not above:	N/A
a) Other Cost:	$7,000,000

b) Description:	Planning (Architect/Engineering)
Total Project Cost:	$7,000,000

Preliminary Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only. *This section is not required if all funding is from State General Obligation Bonds.*)

Proposed Funding Breakdown:	
a) Agency *(State Agency funding outside of General Obligation Bonds)*	N/A
b) Federal	N/A
c) Other/Donor:	N/A
d) State: *(State General Obligation Bonds. This is the default funding source if other sources are not identified.)*	$$7,000,000
e) Total	$$7,000,000
Proposed Funding Narrative:	
a) Describe each Source of Funding:	N/A
b) Describe State match requirements: (if applicable)	N/A
c) Describe funding restrictions that may affect this project:	N/A
d) Describe Agency actions that must be taken to make each funding source available:	N/A

e) When will each funding source be available?	N/A
f) When will each funding source expire?	N/A
Agency Fiscal Point of Contact: (*This is typically not the same person who submits the project.)*	
a) Name:	Kevin Butler
b) Title:	Senior VP Finance and Business Operations
c) Phone:	702-992-2312
d) Email:	Kevin.butler@nsc.edu

Site Analysis – New construction only

Estimated land area to be acquired (acres):	None
Will this project require new parking spaces?	Yes
Are utilities available to site?	Yes
Will the project require relocation of existing utilities?	Yes
Are there any required off-site improvements or right-of-way dedications?	Yes
Is the site in a flood plain?	No
Is the site in an airport impact zone?	No
Does the site contain any underground storage tanks?	No
Does the site contain any adverse soil conditions?	Site may contain naturally occurring asbestos in native soils
Will the site require an environmental assessment?	No

Will rezoning or a special use permit be required?	No
Will any utility connection fees need to be paid?	Yes
Will any water rights need to be deeded?	No
Will construction traffic degrade existing access or facilities?	No
Will the site require any hazardous material abatement?	No
Explain other important considerations that may affect cost and/or scope.	None

Programming

New construction, building remodels, and building additions only

Has any architectural programming occurred? *(Programming is an architectural definition of the needs/problems that must be addressed by the project.)*	No
Usable square footage required (including storage space):	
a) New construction:	None
b) Remodel/Renovation:	None
c) Addition:	None
d) Total project:	None
Occupancy Type: *(Assembly, business, educational, factory/industrial, high hazard, institutional, mercantile, residential, storage, utility/misc.)*	B (Higher Education)

Approximate number of staff to occupy the facility	N/A
Approximate number of visitors per day:	The college is master planned to serve 25,000 students. This infrastructure will provide the capacity to serve that population.
Furnishing, Fixtures and Equipment (FF&E):	
a) Will this project require FF&E?	No
b) Describe what is required:	N/A
How many years of future growth will this project accommodate?	30
List of required facilities: *(e.g., laboratory space, classroom space, office space, security systems, conference rooms, cafeterias, maintenance shops, garages and any unusual equipment required for your project.)*	N/A

CIP Evaluation Criteria

Institution: College of Southern Nevada

Project Name: CSN Accessibility – North Las Vegas Seismic Retrofit

State Funding Request: $3,400,000

Project Description: The project is essential as it addresses critical life safety and code compliance. The NLV Campus Library and Student Affairs wing was built in the 1980's. Code requirements, particularly in the area of safety addressing seismic activity have been greatly enhanced since the original construction occurred.

Institution Narrative:
Please describe how the project addresses each of the criteria (if the criteria does not apply indicate N/A):

- **While all proposals will be prioritized together, to position NSHE for better long-term success in securing capital funding, it is recommended that our priorities ultimately include at least two planning projects for the upcoming cycle (these would then be our top priorities for construction funding in the following biennium)**

- **Cost Savings – consider cost savings generated by eliminating or limiting deferred maintenance projects and/or operational savings**

  Provided funding is received for this request, savings will be realized in construction pricing and would alleviate cost escalation.

- **Industry or Student Demand – consider specialty classroom space required for courses to meet industry or student demand as well as the area needed to accommodate current and projected student enrollment**

  This project does not include classroom retrofit but is a key life safety and code requirement in support of students. This project will enable CSN to maintain critical educational support services for all educational disciplines and programs at CSN.

- **Life Safety and Code Compliance – consider the priority of the project to meet the life, safety, and code compliance needs of mission-critical items, including lifecycle cost analysis or projects that support vital programs and initiatives**

  This project is essential as it addresses critical life safety and code compliance. The NLV Campus Library and Student Affairs wing was built in the 1980's. Code requirements, particularly in the area of safety addressing seismic activity and associated safety have been greatly enhanced since the original construction occurred. The Campus Library and Student Services is a foundation of post-secondary education and supports all programs, services, educational and community support.

- **Advancing Board Goals or System Strategic Initiatives – consider how the project directly advances one or more of the Board Goals or System Strategic Initiatives**

  This project aligns with multiple priorities of the Board of Regents Strategic Goals including Access, Closing the Achievement Gap, Student Success, and Workforce.

- **Recent State Capital Funding – consider when the institution last received state funding for a capital project**

  During the 19 Legislative Session, CSN received capital funding for project 19-C28 which included construction and furniture, fixtures, and equipment (FF&E) for the CSN/NSC Health & Sciences Building.

- **Leveraging Outside Funding – consider what external funding may be accessed if a portion of the project receives funding. Institution Capital Funds – consider the ability of the institution to access internal funds for the project, or does the institution have limited options outside of state funding**

  Contributions of $500,000 of institutional funding are estimated to support this project.

Administrative Section

Project Name:	CSN North Las Vegas Library Seismic Retrofit
One Sentence Project Description:	The scope of the project consists of phased seismic retrofit of the NLV E Building, where the Library and Student Services resides, to shore up lateral structural supports.
Project Location:	3200 E. Cheyenne Avenue
a) County:	Clark
b) City:	North Las Vegas

Institution:	College of Southern Nevada (CSN)

Agency Point of Contact	
a) Name:	Patricia Charlton
b) Title:	Vice President, College of Southern Nevada
c) Phone:	(702) 651-3598
d) Email:	patty.charlton@csn.edu

Has this project been previously requested in a prior CIP?	Yes
For Existing Facilities *(use attached "List of State-Owned Buildings" spreadsheet)*:	
a) Site Number:	9799
b) Building Number:	0373 (need to confirm – can't tell from list)
c) Facility Condition Analysis Project Number (If available):	
d) Is the Property State Owned?	Yes
e) Is the Facility State Owned?	Yes

Prior Design Work:	
a) Has design work been completed on this project?	No
b) Explain what has been completed.	

Narrative Section *(responses limited to 3-5 sentences/200 words)*

Project Justification: (What is the driving need and how will this need be met?)	This is a continuation of the request previously submitted to proceed with the next phases of the retrofit effort.
Background Information: (What is the history?):	A structural analysis indicated the seismic structure for lateral support in the building does not meet current codes, due to the age of the building and ought to shored up to meet current seismic codes. Although there isn't a danger or a building collapse, a seismic event may seriously damage the structure.
Ramifications if not approved: (What will happen if not selected?)	If the building is damaged during a seismic event, it would severely impact the students CSN serves since it would impact the Library and Student Services (registration, counseling, cashiers, testing, etc.) that are located in this building.
Health, life safety, and/or legal issues: (Does this project resolve these issues? Be specific as possible.)	A seismic event may damage the structure severely impacting CSN operations and its ability to safely provide services to students. This project will mitigate the lateral support issues reported by the engineer.

Mechanical and/or Electrical Equipment Replacement Projects

Type of Equipment to Replace:	None
Year Equipment Installed:	
Equipment Manufacturer:	
Equipment Model:	

Environmental Consideration

Are there known hazardous materials at this site? (e.g., Asbestos, lead paint)	At this time, we are uncertain of potential unknown conditions , however asbestos has been discovered in the past.

Describe what is known:	We have discovered asbestos in the adhesives under the carpet and resilient flooring in the past, as expected due to the age of the building.
Will abatement be required?	Yes. If asbestos is discovered, as it has been in the past, we will need to abate it.

Personnel Relocations

Will this project require personnel relocations or vacating a building for any period of time?	Yes
Please explain: (including temporary facility requirements)	Library and Student Services Departments operate in this building and certain areas will need be vacated and staff relocated in order to perform the needed structural seismic retrofit.

Project Schedule Impacts/Issues

What is the latest date this project could be completed without disrupting your program?	Seeking funding approval not later than the 2023 Legislative session. Construction would need to commence as soon as possible to support business operations.
What is driving this date?	The risk of property damage during a seismic event is driving the urgency to shore up the lateral structure in as timely manner as possible.

Preliminary Construction Cost Estimate and Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only.)

Land Cost:	
a) Must be purchased?	No. Property is owned
b) Land Cost:	
c) Is an appraisal available?	
Offsite Construction:	$0
Onsite Development:	$0
Utility Connection Fees:	$0
Deeded Water Rights:	$0

Furniture, Fixtures and Equipment:	TBD
Specialty Equipment: (Security systems, video equipment, CCTC)	TBD
Data and Network Equipment:	TBD
Telephone Equipment:	TBD
Moving:	TBD
Renovation of Vacated Space:	$3,500,000
Correction of Known Deficiencies:	
a) Correction Cost:	
b) Description	
Known Commitments:	
a) Commitment Cost:	
b) Description:	
Hazardous Materials Abatement:	Not that the College of Southern Nevada is aware of at this time.
Other Costs not above:	
a) Other Cost:	$
b) Description:	
Total Project Cost:	$3,500,000

Preliminary Funding Sources Section

(The SPWD will prepare all final estimates. This is for preliminary purposes only. *This section is not required if all funding is from State General Obligation Bonds.*)

Proposed Funding Breakdown:	
a) Agency *(State Agency funding outside of General Obligation Bonds)*	

b) Federal	$
c) Other/Donor:	$
d) State: *(State General Obligation Bonds. This is the default funding source if other sources are not identified.)*	$3,500,000
e) Total	$3,500,000
Proposed Funding Narrative:	
a) Describe each Source of Funding:	State request – $3,500,000
b) Describe State match requirements: (if applicable)	
c) Describe funding restrictions that may affect this project:	
d) Describe Agency actions that must be taken to make each funding source available:	
e) When will each funding source be available?	
f) When will each funding source expire?	
Agency Fiscal Point of Contact: (*This is typically not the same person who submits the project.)*	
a) Name:	Mary Kaye Bailey
b) Title:	Vice President Finance & Administration, College of Southern Nevada
c) Phone:	(702) 651-7437
d) Email:	MaryKaye.Bailey@csn.edu

Site Analysis – New construction only

Estimated land area to be acquired (acres):	
Will this project require new parking spaces?	
Are utilities available to site?	
Will the project require relocation of existing utilities?	
Are there any required off-site improvements or right-of-way dedications?	
Is the site in a flood plain?	
Is the site in an airport impact zone?	
Does the site contain any underground storage tanks?	
Does the site contain any adverse soil conditions?	
Will the site require an environmental assessment?	
Will rezoning or a special use permit be required?	
Will any utility connection fees need to be paid?	
Will any water rights need to be deeded?	
Will construction traffic degrade existing access or facilities?	
Will the site require any hazardous material abatement?	
Explain other important considerations that may affect cost and/or scope.	

Programming

New construction, building remodels, and building additions only

Has any architectural programming occurred? *(Programming is an architectural definition of the needs/problems that must be addressed by the project.)*	Yes. Preliminary investigation and detailing is currently taking place.
Usable square footage required (including storage space):	
a) New construction:	
b) Remodel/Renovation:	43,320sf
c) Addition:	
d) Total project:	43,320sf
Occupancy Type: *(Assembly, business, educational, factory/industrial, high hazard, institutional, mercantile, residential, storage, utility/misc.)*	Occupancy Classifications of A, B and E (based on 2018 IBC)
Approximate number of staff to occupy the facility	
Approximate number of visitors per day:	
Furnishing, Fixtures and Equipment (FF&E):	
a) Will this project require FF&E?	Yes
b) Describe what is required:	Desks, chairs, computers
How many years of future growth will this project accommodate?	
List of required facilities: *(e.g., laboratory space, classroom space, office space,*	Library, offices, student services facilities, meeting rooms, storage, utility, support spaces.

security systems, conference rooms, cafeterias, maintenance shops, garages and any unusual equipment required for your project.)