Nevada State Public Works

Prime Architect – Engineer Selection

for the

2015 Capital Improvement Program

INFORMAL SELECTION PROCESS

Date: June 18, 2015

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STATE PUBLIC WORKS DIVISION REQUEST FOR STATEMENT OF QUALIFICATIONS FOR PROFESSIONAL SERVICES

The State Public Works Division (SPWD) is requesting Statements of Qualifications (SOQs) for providing design and possible construction administration services. The primary services shall include studies, preparing schematic design, design development and construction documents, including plans, specifications, cost estimates, and construction administration services.

The design activities of the selected prime consultant must all be performed under the direction of and be sealed and signed by a registered professional in accordance with the Nevada Revised Statutes. The statement of qualifications submitted in the SOQ shall not include sub-consultants. The Prime Consultant, after selected and if applicable, will produce a team of necessary consultants for the State to review. The State reserves the right to add, or substitute any proposed firms according to the best interest of the project and the State. Only one statement of qualifications document will be accepted in response to this RFQ. Any projects an applicant wishes to be considered for should be included within that document. Please email your firm's statement of qualifications to wpatrick@admin.nv.gov for the State's review (limited to 5 MB).

After the Statements of Qualifications are evaluated for each project, the screening committee will establish a "prioritized list" of qualified and experienced firms. The SPWD management will then review the list and select the firms for contracting.

The SOQ evaluation will include, but is not limited to:

- 1. Technical competence and specialization of the applying firm only, and the ability of the individuals assigned to the project(s).
- 2. Past performance, including meeting project schedules, staying within budgets, change orders, and providing quality projects, on several recent projects.
- 3. Past experience with projects for the same State agency as the project(s) being considered. Or, if no experience with the same agency, experience on similar projects for other state agencies or other governmental agencies.
- 4. Proximity to, and familiarity with, the area in which the project(s) is (are) located.
- 5. Equitable distribution of the work.

Questions about this request may be made to Ward Patrick at wpatrick@admin.nv.gov or 775.684.4102.

Proposals must be received before the date and time listed on the schedule portion of this web page.

Statement of Qualifications of Prospective Designers

The Statement of Qualifications (SOQ) shall consist of four parts as outlined below: a cover letter, an organizational chart, resumes, and the current workload and capacity. The SOQ shall be submitted in an 8 1/2" x 11" format.

Part A COVER LETTER (maximum 1 page) The cover letter shall include the following:

- Introduction of the Design Firm's major members and their role.
- A list of 5 references with telephone numbers from the most recent 5 projects completed by the Prime Consultant.
- Point of contact, firm name, address, phone number, fax number, email address, web page (if available)
- Project name(s) and project number(s), the firm wishes to be considered for. This **<u>shall</u>** also be included on the cover of the SOQ.
- Part B ORGANIZATIONAL CHART (maximum 1 page) This part of the SOQ shall include the overall organization chart.

Part C RESUMES (maximum 5 pages) This part of the SOQ shall include resumes of the individuals that are planned to conduct the work on the project.

Part D CURRENT WORK LOAD AND CAPACITY (maximum 1 page) Provide a list of the current work load and statement as to how the State of Nevada work if awarded would fit into the work plan of the firm. 2015 CIP AE Selection Schedule

INFORMAL - SOQ's Due Date July 9, 2015

July 9, 2015

Statement of Qualifications Submittal Due (1:00 pm)

APPENDIX

Proj. No.:15-C03Remodel Administration Building to Accommodate Executions (Ely StateAgency:Ely State PrisonLocation:Ely

Detail Description:

The scope of this project is to design and construct tenant improvements in the current Ely State Prison Administration Building to accommodate an execution chamber. Tenant improvements will include remodeling of approximately 1,900 square feet of Ely State Prison Administration Building's Visitation and Court Room areas.

Project Justification:

The current execution facility is located at the now closed Nevada State Prison. Relocation of the execution facility to an active prison and to a location adjacent to the existing death row at the Ely State Prison is critical to the operation of the correctional system.

Background Information:

Tenant improvements are to be based on the proposed Prison 8 model and the San Quentin, California model and include an architectural program and construction documents acceptable to the 9th District Court. The State Public Works Division has developed a conceptual design and cost estimate for the facility remodel to accommodate the execution chamber. This project was requested in the 2013 CIP.

Construction Cost Detail:

1 Remodel (1,900 sf @ \$184/sf)

349,600

Proj. No.:15-C07Security Fence Addition (Stead Training Center)Agency:Nevada Army National GuardLocation:Reno

Detail Description:

The scope of this project is to design and install a perimeter security fence and replacing fencing that is not in compliance with the Department of Defense anti-terrorism standards.

The funding for this project is 100% federal. In addition, state funds are being requested to cover project management, inspection, plan checking, advertising and printing.

Project Justification:

This project is required to protect military property and to keep the public from accessing military training areas. This fence enclosure provides an additional level of force protection during Guard training exercises and drills. This fence would help ensure that live fire, small arms training could be conducted within a more secure controlled environment.

Background Information:

This project will ensure that the security fencing around these four facilities will be in compliance with the Department of Defense anti-terrorism standards for buildings under UFC 4-010-01 dated February 2012 .

Construction Cost Detail:

1 Security Fencing & Gates (3,800 lf @ \$35/lf)	133,000
2 Fence Demolition	11,000

Total 144,000

 Proj. No.:
 15-M06
 Replace Heat Exchangers (Lovelock Correctional Center)

 Agency:
 Lovelock Correctional Center

 Location:
 Lovelock

Detail Description:

This project will replace the existing domestic hot water heat exchangers that serve various buildings at the Lovelock Correctional Center. The heat exchangers are located in Buildings 1, 2, 3, 4, and 5 and in Housing Units 3 & 4.

Project Justification:

The existing heat exchangers are more than 20 years old and have reached the end of their useful life.

Background Information:

The domestic hot water heat exchangers in Housing Units 1 and 2 were replaced in a previous CIP. This project will replace the remainder of the heat exchangers across the prison campus.

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1 Heat Exchangers - Bldg 1 (2 ea @ \$30,000/ea)		60,000
2 Heat Exchangers - Bldg 2 (2 ea @ \$30,000/ea)		60,000
3 Heat Exchangers - Bldg 3 (2 ea @ \$30,000/ea)		60,000
4 Heat Exchangers - Bldg 4 (2 ea @ \$30,000/ea)		60,000
5 Heat Exchangers - Bldg 5 (2 ea @ \$30,000/ea)		60,000
6 Heat Exchangers - Housing 3 (2 ea @ \$30,000/ea)		60,000
7 Heat Exchangers - Housing 4 (2 ea @ \$30,000/ea)		60,000
8 HW Storage Tank - Culinary		90,000
9 Pump & Piping Modifications		70,000
10 Temperature Control System Modifications		70,000
11 Electrical Modifications		14,000
12 Testing, Balancing, & Commissioning		14,000
	Total	678,000

Proj. No.:15-M07Replace Door Locks (FMWCC)Agency:Florence McClure Womens Correctional CenterLocation:Las Vegas

Detail Description:

Replace 330 electric locks that are wearing out. This includes locks on cell doors, area gates, and sallyports in the main building at the Florence McClure Women's Correctional Center.

Project Justification:

The staff and inmates will not be properly secured if the locks are not functioning. The lock housings are breaking and wearing out, rendering them inoperable on both cell and area doors. Several have been welded to perform a temporary repair. This presents a safety hazard to both staff and inmates.

Background Information:

This facility was opened in 1997 by Corrections Company of America. The State took possession in 2003. This project was previously requested in 2009, 2011, and 2013. The door controls were upgraded in Project 07-M24. This facility was previously known as the Southern Nevada Women's Correctional Center.

1 Electric Locks (330 ea @ \$1,200/ea)		396,000
2 Wiring Harnesses (330 ea @ \$100/ea)		33,000
3 Door Repair (330 ea @ \$150/ea)		49,500
	Total	478,500

Proj. No.:15-M08Replace Warehouse Freezers and Coolers (SDCC)Agency:Southern Desert Correctional Center

Location: Indian Springs

Detail Description:

The scope of this project is to remove and replace the 35 year old warehouse freezers and commodity coolers at the Southern Desert Correctional Center.

The new walk-in freezers will be located on the east side of the facility and provide an access door by saw cutting the existing CMU block wall.

Project Justification:

The existing freezers and coolers are frequently requiring repair work. The 35 year old freezers and coolers are not well insulated and the condensing units are becoming unreliable. Equipment failures are affecting the ability to preserve food shipments.

Background Information:

This is the initial request for this CIP.

Hearing Notes:

LCB: The project description indicates that the new freezers will be located on the east side of the facility. Where are the existing freezer units, and how will the work be coordinated as to not disrupt operations at the facility?

SPWD: The existing freezers are located on the east side of the building warehouse. The new freezers and coolers will be first built on the west side of the building warehouse, while existing ones are running. Once completed, the old ones will be demolished.

1 Demolition		100,000
2 Sawcut CMU		50,000
3 Freezers, Piping & Electrical (3 ea @ \$100,000/ea)		300,000
4 Coolers, Piping & Electrical (2 ea @ \$100,000/ea)		200,000
5 New 12" Thick Concrete Slab (2,016 sf @ \$30/sf)		60,480
	Total	710,480

Proj. No.:15-M09Replace Boilers and Water Heaters (Stewart Conservation Camp)Agency:Stewart Conservation CampLocation:Carson City

Detail Description:

This project will replace the existing hot water boilers and water heaters serving the five housing units at the Stewart Conservation Camp in Carson City. The new water heaters will utilize an indirect heat exchanger, served with hot water by the new boilers. The new boilers will be sized to provide for both space heating and domestic hot water requirements.

Project Justification:

The existing boilers and water heaters are approximately 20 years old and have reached the end of their useful life. The replacement boilers, water heaters, and pumps will have a significantly lower operating cost and will be much more reliable.

Background Information:

The five housing units are all essentially identical construction.

1 Boilers (hot water - 400 mbh) (10 ea @ \$18,000/ea)		180,000
2 Water Heaters (400 mbh-200 gal) (5 ea @ \$18,000/ea) 3 Pump & Piping Modifications		90,000 75,000
4 Gas Piping Modifications		25,000
5 Flue & Combustion Air Modifications		50,000
6 Temperature Control System Modifications		50,000
7 Electrical Modifications		25,000
8 Chemical Treatment		10,000
9 Testing, Balancing, & Commissioning		8,000
10 Removal & Disposal of Existing Equipment		5,000
	Total	518,000

Proj. No.:15-M10Replace Central Warehouse and Culinary Refrigeration Units (LCC)Agency:Lovelock Correctional CenterLocation:Lovelock

Detail Description:

This project will replace the existing walk-in cooler and walk-in freezer condensing units and evaporator coils at the Lovelock Correctional Center.

Project Justification:

The existing condensing units and evaporator coils are more than 20 years old and have reached the end of their useful life.

Background Information:

The existing refrigeration systems utilize R-22 which is relatively expensive and is being phased out due to environmental concerns.

 Refrigerator Condensing Unit (6 ton) (12 ea @ \$14,000/ea) Refrigerator Evaporator Coil (12 ea @ \$9,000/ea) Refrigerant & Condensate Piping Electrical Modifications Temperature Control System Modifications Testing, Balancing, & Commissioning Demolition/Disposal of Existing Equipment 		168,000 108,000 48,000 36,000 36,000 12,000 8,000
 8 9 Freezer Condensing Unit (10 ton) (5 ea @ \$18,000/ea) 10 Freezer Evaporator Coil (5 ea @ \$12,000/ea) 11 Refrigerant & Condensate Piping 12 Electrical Modifications 13 Temperature Control System Modifications 14 Testing, Balancing, & Commissioning 15 Demolition/Disposal of Existing Equipment 		90,000 60,000 30,000 18,000 18,000 5,000 4,000
	Total	641,000

Proj. No.: 15-M11 Chiller Replacement (SNCAS)

Agency: Southern Nevada Child & Adolescent Services

Location: Las Vegas

Detail Description:

This project would replace the chiller at the Desert Willow Treatment Center.

Project Justification:

The existing chiller is approximately 20 years old and has reached the end of its service life. The heat exchanger components inside the chiller have fouled due to scale and some corrosion on the tubes is present also. A new chiller will provide greater reliability and an improvement in energy efficiency.

Background Information:

The Desert Willow Treatment Center was constructed in 1995 and is approximately 58,400 square feet. The cooling tower and associated pump for this facility was replaced in 2008 and the cooling tower structural support was replaced in 2011. This facility houses inpatient clients and administrative staff.

1 Chiller (210 ton) 2 Primary Pumps (5 hp) (2 ea @ \$12,000/ea) 3 Secondary Pumps (10 hp) (2 ea @ \$17,000/ea) 4 Piping Modifications 5 Piping Insulation 6 Testing & Balancing 7 Demolition/Rigging 8 Electrical 9 Commissioning 10 Temperature Controls 11 Water Treatment		300,000 24,000 34,000 10,000 6,000 15,000 12,000 4,000 6,000 3,500
10 Temperature Controls 11 Water Treatment	Total	3,500
	Total	454,500

Proj. No.:15-M13Replace Central Warehouse Refrigeration Units (NNCC)Agency:Northern Nevada Correctional CenterLocation:Carson City

Detail Description:

This project will replace the existing walk-in cooler and walk-in freezer condensing units and evaporator coils in the Central Warehouse at the Northern Nevada Correctional Center.

Project Justification:

The existing condensing units and evaporator coils are more than 20 years old and have reached the end of their useful life.

Background Information:

The existing refrigeration systems utilize R-22 which is relatively expensive and is being phased out due to environmental concerns.

 Refrigerator Condensing Unit (10 ton) (4 ea @ \$20,000/ea) Refrigerator Evaporator Coil (4 ea @ \$12,000/ea) Refrigerant & Condensate Piping Electrical Modifications Temperature Control System Modifications Testing, Balancing, & Commissioning Demolition/Disposal of Existing Equipment 		80,000 48,000 16,000 12,000 12,000 4,000
o 9 Freezer Condensing Unit (15 ton) 10 Freezer Evaporator Coil (2 ea @ \$16,000/ea) 11 Refrigerant & Condensate Piping 12 Electrical Modifications 13 Temperature Control System Modifications 14 Testing, Balancing, & Commissioning 15 Demolition/Disposal of Existing Equipment		$\begin{array}{c} 26,000\\ 32,000\\ 8,000\\ 6,000\\ 6,000\\ 1,000\\ 1,000\\ 1,000\\ \end{array}$
	Total	256,000

Proj. No.: 15-M15 Replace Switchgear and Panels (Lake's Crossing)

Agency: Lakes Crossing Center

Location: Sparks

Detail Description:

This project is to replace the electrical switchgear and panel boards in the older part of this

Project Justification:

The existing Zinsco switchgear, panel boards and breakers have become unreliable. It was installed in 1976, and has had several issues over its life. It has reached the end of its useful

Background Information:

This facility was built in 1976.

1 800 Amp Main Switchboard & Breakers 2 480 Volt Panelboards (4 ea @ \$11,000/ea)		30,000 44,000
3 208 Volt Panelboards (6 ea @ \$11,000/ea)		44,000
4 400 Amp 208 Volt Switchboard		24,000
	Total	146,000

Proj. No.:15-M16Electrical System Upgrades (NYTC)Agency:Nevada Youth Training CenterLocation:Elko

Detail Description:

This project will replace the electrical feeders to four buildings, replace electrical panels and lighting controls in six buildings, and replace the fire alarm systems in all of the occupied

Project Justification:

The electrical distribution system consists of direct-buried cable that connects the various buildings on this campus. The distribution system is over 50 years old and has reached the end of its useful life. Portions of the distribution system have failed in the past, leaving parts of the campus without power and HVAC.

Replacement of the electrical panels and lighting controls will eliminate the current scenario where maintenance staff is switching lighting at live electrical panels with exposed wiring.

Background Information:

During the past 10 years electrical feeders serving two buildings have required replacement. Construction of this campus began in 1960, with the various buildings being constructed at various times during the 1960s.

1 Replace Feeders (3,000 lf @ \$175/lf)		525,000
2 Replace Electrical Panels (6 ea @ \$25,000/ea)		150,000
3 Repair Landscaping & Pavement		14,000
4 Replace Lighting Controls (6 ea @ \$10,000/ea)		60,000
5 Fire Alarm Replacement (104,804 sf @ \$3.25/sf)		340,613
	Total	1,089,613

Proj. No.: 15-M17 Emergency Power System Upgrades (NNAMHS Campus)

Agency: Northern Nevada Adult Mental Health Services

Location: Sparks

Detail Description:

This project is to replace the back-up generator master control unit.

Project Justification:

The Dini-Townsend Hospital is a 24 hour certified facility that is required to have back-up electrical generator power to supply the facility in the event of an interruption of normal power.

The 4160 volt backed-up underground service is presently serving the whole campus, including the Dini-Townsend facility. The controls for the two existing 500 KW back-up generators are antiquated and replacement parts are difficult or impossible to obtain.

Background Information:

The 4160 volt backed-up underground service is presently serving the whole campus, including the Dini-Townsend Hospital. Failures of the 4160 volt private power distribution system have left the whole campus, including Dini-Townsend Hospital, without power for several hours. Providing reliable back-up generator systems, including switching, will improve power system reliability.

1 Replace Generator Paralleling Switchgear		550,000
2 Replace Transfer Switch		60,000
3 Pad and Conductor Modifications		50,000
4 Demolition of Existing Switchgear		20,000
	Total	680,000

Proj. No.:15-M18HVAC Replacement (DRC)Agency:Desert Regional CenterLocation:Las Vegas

Detail Description:

This project would replace the HVAC units serving buildings no. 1301, 1302, 1303, 1304, and 1306 at the Desert Regional Center.

Project Justification:

The HVAC units are approximately 15 years old and have reached the end of their useful service life. The buildings house staff and clients that would have to be relocated in the event the equipment fails. Replacing these units would improve occupant comfort conditions, energy efficiency, and provide greater reliability.

Background Information:

These buildings were constructed in 1976 with the exception of building 1306 which was constructed in 1981. The total square footage of all five buildings is approximately 22,293 (1301 is 2,494 square feet, 1302 and 1303 are 5,104 square feet each, 1304 is 4,685 square feet, and 1306 is 4,906 square feet). These buildings house inpatient clients and administrative

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1 Rooftop AC Unit (5 ton) (2 ea @ \$14,000/ea)		28,000
2 Split System AC Unit (5 ton) (8 ea @ \$14,000/ea)		112,000
3 Split System AC Unit (4 ton)		9,000
4 Rooftop AC Unit (3.5 ton) (4 ea @ \$7,000/ea)		28,000
5 Rooftop AC Unit (2.5 ton)		6,000
6 Rooftop AC Unit (1.5 ton) (2 ea @ \$5,000/ea)		10,000
7 Ductwork Modifications		60,000
8 Plumbing Modifications		18,000
9 Electrical Modifications		12,000
10 Demolition/Rigging		12,000
11 Temperature Controls		9,000
12 Testing & Balancing		6,000
13 Commissioning		3,000
14 Roofing		12,000
-	Total	325,000

Proj. No.: 15-M19 HVAC Renovation (NNAMHS Building No. 2)

Agency: Northern Nevada Adult Mental Health Services

Location: Sparks

Detail Description:

This project will replace four air handling units that serve Building No. 2.

Project Justification:

The HVAC systems serving this building are more than 50 years old and have reached the end of their useful service life. The facility is currently subject to extreme temperature swings due to the aging HVAC and temperature control systems.

Background Information:

Building No. 2 is approximately 9,800 square feet and was constructed 1961.

1 AHU (4,000 cfm) (2 ea @ \$16,000/ea)		32,000
2 AHU Multi-Zone (4,000 cfm) (2 ea @ \$30,000/ea)		60,000
3 Ductwork Modifications		25,000
4 Piping Modifications		16,000
5 Insulation		4,000
6 Demolition/Rigging		12,000
7 Electrical		5,000
8 Testing & Balancing		4,000
9 Commissioning		12,000
10 Temperature Controls		120,000
	Total	290,000

Proj. No.:15-M22Replace Chillers and Boilers (Supreme Court Building)Agency:Buildings & Grounds

Location: Carson City

Detail Description:

This project will replace the existing water-cooled chillers and the existing gas-fired boilers at the Supreme Court Building in Carson City.

Project Justification:

The existing chillers, boilers, and pumps are more than 20 years old and have reached the end of their useful life.

Background Information:

Chiller room code modifications include updated exhaust and make-up air provisions, refrigerant leak detection/alarming, and sealing of chiller room wall penetrations.

 Water-Cooled Chillers (100 ton) (2 ea @ \$90,000/ea) Dual Cell Cooling Tower Plate Heat Exchanger Chiller Room Code Modifications Gas-Fired Boilers (750 mbh) (3 ea @ \$20,000/ea) Boiler Flue & Combustion Air Modifications Pump & Piping Modifications Temperature Control System Modifications Electrical Modifications Chemical Treatment Testing & Balancing Commissioning Demolition of Existing Equipment Crane/Rigging 		$\begin{array}{c} 180,000\\ 60,000\\ 35,000\\ 20,000\\ 60,000\\ 20,000\\ 60,000\\ 30,000\\ 15,000\\ 10,000\\ 9,000\\ 5,000\\ 7,000\\ 5,000\\ 5,000\\ \end{array}$
14 Crane/Rigging	Total	7,000 5,000 516,000
		,

Proj. No.: 15-M23 Replace Chiller and Boilers (NHP Headquarters Building) **Agency:** Buildings & Grounds

Location: Reno

Detail Description:

This project will replace the existing water-cooled chiller, plate heat exchanger, boilers, and pumps at the NHP Headquarters Building in Reno.

The funding for this project is 100% Highway Funds.

Project Justification:

The existing chiller, heat exchanger, boilers, and pumps are more than 20 years old and have reached the end of their useful life.

Background Information:

Chiller room code modifications include updated exhaust and make-up air provisions, refrigerant leak detection/alarming, and sealing of chiller room wall penetrations. A new cooling tower is not being requested because it has been recently replaced.

1 Water-Cooled Chiller (30 ton)		60,000
2 Chiller Room Code Modifications		20,000
3 Gas-Fired Boilers (300 Mbh) (2 ea @ \$15,000/ea)		30,000
4 Plate Heat Exchanger		20,000
5 Pump & Piping Modifications		20,000
6 Temperature Control System Modifications		10,000
7 Boiler Flue & Combustion Air Modifications		8,000
8 Electrical Modifications		5,000
9 Chemical Treatment		8,000
10 Testing & Balancing		5,000
11 Commissioning		3,000
-	Total	189,000

Proj. No.:15-M24Replace Air Handling Unit (Blasdel Building)Agency:Buildings & Grounds

Location: Carson City

Detail Description:

This project will replace the existing air handling unit that serves the entire Blasdel Building in Carson City. A chilled water system buffer tank is also included as part of this project.

Project Justification:

The existing air handling unit is more than 30 years old and has reached the end of its useful life. The chilled water system buffer tank is a necessary addition due to the relatively small size of the chilled water distribution system (serves only the air handling unit chilled water coil). The buffer tank is intended to minimize chiller short cycling.

Background Information:

The existing air handling unit is not only inefficient by today's standards, but the original air handling unit did not include a heating coil to allow for tempering the supply air during cold

 Air Handling Unit (25,700 cfm) Fan Motor (20 hp) & Variable Frequency Drive Ductwork Modifications HW Pump & Piping Modifications Temperature Control System Modifications Electrical Modifications Testing & Balancing Commissioning Crane/Rigging O Chilled Water System Buffer Tank 		165,000 40,000 20,000 40,000 15,000 8,000 4,000 5,000 35,000
10 Chilled Water System Buffer Tank	Total	35,000 352,000

Proj. No.:15-M25Replace Rooftop Units (Education Building)Agency:Buildings & GroundsLocation:Carson City

Detail Description:

This project will replace the existing rooftop heating and air conditioning units that serve the Education Building in Carson City and will also include a direct digital control system upgrade (to allow monitoring and control of space temperatures and occupancy schedules).

Project Justification:

The existing rooftop heating and air conditioning units are more than 20 years old and have reached the end of their useful life. Control of the existing rooftop heating and air conditioning units is currently accomplished by manually adjustable electronic room thermostats.

1 Rooftop Units (5 ton capacity) (8 ea @ \$14,000/ea)		112,000
2 Rooftop Units (4 ton capacity) (2 ea @ \$12,000/ea)		24,000
3 Rooftop Units (3 ton capacity) (5 ea @ \$9,000/ea)		45,000
4 Rooftop Unit (2 ton capacity)		7,000
5 Roof Curb & Duct Modifications		16,000
6 Gas & Condensate Piping		8,000
7 Crane/Rigging		3,000
8 Temperature Control System Modifications		45,000
9 Electrical Modifications		8,000
10 Testing & Balancing		6,000
11 Commissioning		3,000
-	Total	277,000

Proj. No.:15-M27Replace Emergency Generator (Blasdel Building)Agency:Buildings & GroundsLocation:Carson City

Detail Description:

This project will replace the 26 year old 37 kW diesel-powered emergency generator at the Blasdel Building in Carson City with a new 50 kW natural gas emergency generator with a new automatic transfer switch.

Project Justification:

The existing generator is 26 years old and has reached the end of its useful life. Also, the existing equipment is no longer supported and parts are not available.

Background Information:

The building was constructed in 1959.

1 Install 50kw Generator & Transfer Switch	44,000
2 Coolant & Exhaust Modifications	10,000
3 Electrical Modifications	7,500
Total	61,500

Proj. No.:15-M29Building Upgrades (Flamingo DMV)Agency:Buildings & GroundsLocation:Las Vegas

Detail Description:

The scope of this project is to renovate the Flamingo DMV and it includes the remodel of the public restrooms, replacement of counters in employee restrooms, painting the interior of the building, replacing the carpet and tile, removal of spray-acoustic ceiling, acoustical treatment in the lobby, new casework in the break room, replacing storefront glass doors/glazing in selective areas, miscellaneous electrical and plumbing.

Project Justification:

The Flamingo DMV is a high use facility and the areas listed in the project description above are exhibiting signs of wear/tear and deterioration. The removal of the spray-acoustic ceiling in the lobby will eliminate the unsightly blackened ceilings and the acoustical treatment will assist with the noise factor for the public as well as the employees.

1 Public Restroom Remodels (2 ea @ \$90,000/ea) 2 Remove Existing Spray-Acoustic Ceiling (8,100 sf @ \$4/sf)		180,000 32,400
3 Gyp Board/Texture/Paint (8,100 sf @ \$6.28/sf)		50,868
4 Acoustical Treatment (5,740 sf @ \$15/sf) 5 Glass Entrance Doors/Storefront (201 sf @ \$190/sf)		86,100 38,190
6 Carpet (1,282 sy @ \$52/sy)		66,664
7 Patch/Paint (100,000 sf @ \$1.5/sf)		150,000
8 Remove & Replace Vct (16,180 sf @ \$6.5/sf) 9 Miscellaneous Electrical/Mechanical/Plumbing		105,170 30.000
10 Demolition		60.000
	Total	799,392

Proj. No.:15-M31Replace Flooring (Decatur, Donovan & Henderson DMV's)Agency:Buildings & Grounds

Location: Las Vegas

Detail Description:

The scope of this project is to replace worn out floor finishes at the DMV in Decatur, Donovan and Henderson.

Project Justification:

The floor finishes identified have reached the end of their service life. The tile floor on the Decatur DMV has multiple cracks and represents a safety hazard. Replacing the worn out areas of the flooring will insure a safe and clean environment for staff and visitors.

1 Decatur DMV 2 Donovan DMV 3 Henderson DMV	Total	245,444 36,375 24,772 306,591
	TOTAL	306,591

Proj. No.:15-M33Security, Safety and Drainage Improvements (Nevada Historical SocietyAgency:Historical Society

Location: Reno

Detail Description:

The scope of this project is to provide Security, Life Safety and Drainage Improvements for the Nevada Historical Society Building in Reno. This project would include the installation of an exit door awning, exit stairway landings, exit sign replacement, roof hatch replacement, replacement of the main entry door assembly, and a night-time motion sensor lighting system on west side of the building for building security.

Project Justification:

The roof canopy over the east exit door will prevent accumulation of snow and ice from impeding the operation of the exit door. There are five exterior exit doors that do not currently have code compliant concrete exit landings. These doors present an unsafe situation and they are not in compliance with the current building code. The current roof hatch was installed in 1981 and is no longer functioning properly and needs to be replaced to provide safe access to the roof deck. The south main entry doors and window sidelights are damaged from years of usage, have exceeded there usable lifespan, and are prone to water infiltration. The west side of the building has areas that are hidden from public view due to the construction design as well

as the secluded landscape and incline of North Virginia Street. The homeless sleep in these areas, and are often discovered by UNR groundskeepers that are responding to alarm calls caused by detection of movement at the exit door. People are apparently attempting to gain access during the night. Also, the west side of the building has been tagged with graffiti. It is an ideal location for unsavory and/or unsafe nighttime activities. The past two winters, the copper piping for the sprinkler system has been cut and removed. The safety of the building and collections would benefit from having an outdoor roof-mounted motion light system installed on the west side and back side of the collections storage building. It is essential to be proactive to prevent future damage and theft.

Background Information:

The roof hatch is original to the construction of the building, is the only access to the roof and the HVAC system, and has become difficult to close. Problems will continue to occur if the exit door is not covered to prevent inclement weather from causing tripping and slipping hazards. The exit stairway bottom landings need to be installed to prevent hazards to personnel and the general public exiting the building. If the overall scope of this project is not completed the exterior doors will continue to operate incorrectly, compromising the weather tightness of the front door system and the overall security of the facility. Exit sign replacement is essential to

1 Demolition 2 Concrete Stair Landings 3 Exit Door Canopy 4 Roof Hatch & Roof Repairs 5 Replace Metal Doors		6,000 12,000 45,000 8,000 7,500
6 Electrical 7 Drainage Improvements		32,000 45,000
	Total	155,500

Proj. No.:15-M35Install Destratification Fans (Various Locations)Agency:Military

Location: Various

Detail Description:

This project will provide high-bay destratification fans in the shop areas in the affected facilities. The facilities involved include shop areas at the Floyd Edsall Training Center in Las Vegas, the Combined Support Maintenance Shop (CSMS) in Carson City, and the Field Maintenance Shop (FMS) in Yerington.

The is a 100% federal funded project. In addition, state funds are being requested to cover project management, inspection, plans checking, advertising and printing.

Project Justification:

Destratification fans are becoming increasingly popular due to their effectiveness in moving conditioned air down to the occupied area in spaces with high bay ceilings.

1 Destratification Fans (10 ea @ \$6,000/ea)		60,000
2 Electrical Power & Control Modifications		40,000
3 Testing & Balancing		5,000
4 Fire Sprinkler Head Relocation		5,000
	Total	110,000

Proj. No.: 15-M37 HVAC Replacement (Wildlife - Las Vegas)

Agency:WildlifeLocation:Las Vegas

Detail Description:

This project would replace five HVAC units that serve the Department of Wildlife building in Las Vegas.

Project Justification:

The equipment serving this building is over 25 years old and has reached the end of its service

Background Information:

The Department of Wildlife's original building was constructed in 1967 and is approximately 1,600 square feet. An approximately 5,100 sf addition to this building was constructed in 1988.

1 Heat Pump (7.5 ton)		17,500
2 Split System Heat Pump (6 ton)		16,000
3 Heat Pump (5 ton)		14,000
4 Split System Heat Pump (4 ton)		12,000
5 Split System Heat Pump (2.5 ton)		9,000
6 Ductwork Modifications/Cleaning		25,000
7 Gas Piping		2,500
8 Insulation		3,500
9 Demolition/Rigging		8,000
10 Electrical		15,000
11 Commissioning		3,500
12 Temperature Controls		75,000
13 Roofing		3,000
14 Testing & Balancing		8,000
	Total	212,000

Proj. No.:15-M38Upgrade Basement Heating and Ventilation (Nevada State Museum, CarsonAgency:Museums and HistoryLocation:Carson City

Detail Description:

This project includes replacement of the existing heating and ventilating equipment that serves portions of the Old Mint Building basement area at the Nevada State Museum in Carson City.

Project Justification:

The existing equipment is more than 25 years old and has reached the end of its useful life.

Background Information:

The basement area is often occupied by staff and gets cold during the winter months. The new equipment will provide both ventilation air and heating. The northern part of the affected basement area is utilized to store historical collections and the southern part of the affected area is utilized as a shop. Recent test results indicated a higher than desired radon level in the basement area. The elevated radon concentration would be mitigated by installing the new ventilation provisions included in this project.

	12,000
	16,000
	5,000
	4,000
	6,000
	1,000
	2,000
	5,000
Total	51,000
	Total

Proj. No.:15-M39Install Gas Furnaces (Nevada Youth Training Center)Agency:Nevada Youth Training CenterLocation:Elko

Detail Description:

This project will install new gas-fired furnaces in four of the circular dormitories and in the administration building at the Nevada Youth Training Center. Also, two gas-fired unit heaters will be installed in the Mountaineer dormitory to provide freeze protection for the building's

Project Justification:

The dormitories and the administration building are heated by a failing underground hot water heating system. The piping system is well past its expected life and sections have been failing with regularity, requiring costly repairs. This project will provide natural gas heating units in these buildings, thereby eliminating the need for the underground hot water piping serving

Background Information:

The administration building was built in 1962 and is approximately 3,850 square feet. The circular dormitories were built between 1962 and 1964 and are approximately 3,850 square feet each. The Mountaineer dormitory is not included in the furnace upgrade portion of this project.

1 Gas-Fired Furnaces (200 mbh) (15 ea @ \$12,000/ea)		180,000
2 Unit Heaters (100 Mbh) (2 ea @ \$5,500/ea)		11,000
3 Flue & Combustion Air Modifications		45,000
4 Ductwork Modifications		60,000
5 Gas Piping		30,000
6 Demolition/Rigging		8,000
7 Testing & Balancing		25,000
8 Commissioning		6,000
9 Direct Digital Temperature Controls		70,000
10 Electrical		30,000
11 Ceiling/Soffit Demolition/Repair		45,000
	Total	510,000

Proj. No.:15-M40Central Plant Improvements (Nevada Youth Training Center)Agency:Nevada Youth Training CenterLocation:Elko

Detail Description:

This project will replace the central plant equipment at both the Education and Multi-Purpose Buildings at the Nevada Youth Training Center in Elko. The air handling unit, fan coil units, and air distribution system serving the Education Building will also be replaced as part of this

Project Justification:

The existing equipment (boiler, chiller, fan coil units, and air handling unit) serving the Education Building are approximately 40 years old and have reached the end of their useful service life. The existing steam boilers at the Multi-Purpose Building are approximately 50 years old and have also reached the end of their useful service life. Additionally, the existing boilers at the Multi-Purpose Building distribute steam to various other buildings across the campus. The heating equipment for the other buildings have previously, or are currently planned for conversion to natural gas equipment, and the underground steam system will no longer be required. The new equipment at both buildings will have significantly increased reliability and will be have a significantly higher energy efficiency.

Background Information:

The Education Building was constructed in 1972 and is approximately 20,500 square feet. The Multi-Purpose Building was constructed in 1962 and is approximately 15,850 square feet.

An occupied facility allowance was not applied to this project as it is planned that the classroom building can be vacated while the interior mechanical work is being performed. The hazardous materials abatement costs in this project cost estimate are for removal of asbestos-containing pipe fittings and contamination in the pipe chase at the classroom building.

The pipe chase is also utilized as a supply air plenum.

 Education Bldg Air-Cooled Chiller (60 ton) Education Bldg Boilers (1250 mbh) (2 ea @ \$50,000/ea) Education Bldg Flue/Combustion Air Modifications Education Bldg Air Handling Unit (20,000 cfm) Education Bldg Fan Coil Units (40 ea @ \$3,000/ea) Education Bldg Ductwork/Air Distribution Modifications Education Bldg Pump & Piping Modifications Electrical & Direct Digital Temperature Controls Education Bldg Testing/Balancing/Commissioning Equipment Demolition/Disposal 		$\begin{array}{c} 70,000\\ 100,000\\ 30,000\\ 90,000\\ 120,000\\ 120,000\\ 120,000\\ 270,000\\ 40,000\\ 20,000\end{array}$
0 1		-)
0 0 0		- /
		- /
11 MP Bldg Boilers (1250 mbh) (2 ea @ \$50,000/ea)		100,000
12 MP Bldg Flue/Combustion Air Modifications		30,000
13 MP Bldg Pump & Piping Modifications		80,000
14 Electrical & Direct Digital Temperature Controls		90,000
15 MP Bldg Testing/Balancing/Commissioning		20,000
16 Cap/Seal Exterior Steam & Condensate Piping		10,000
	Total	1,310,000

Proj. No.: 15-M41 Building Exterior Energy Retrofit (NYTC)

Agency: Nevada Youth Training Center Location: Elko

Detail Description:

The scope of this project is to retrofit the exterior envelope of the Administration Building, four Dormitories, the Education Building, and the Multipurpose Building. The retrofit work includes replacing the exterior single pane windows with new thermally insulated window frames and insulated dual pane windows, replacing steel and glass doors with insulated doors, painting the Multipurpose Building, and increasing the insulation values at the exterior walls of the Administration Building and the four Dormitories by applying an exterior insulating finish system (EIFS) to the un-insulated concrete and CMU walls.

Project Justification:

These buildings at the Nevada Youth Training Center were constructed over 40 years ago and the doors and windows in these buildings are original single pane un-insulated glass in metal frames. The new tempered glass dual pane windows will provide a safer environment for the staff and youth and will reduce energy costs associated with heating and cooling the buildings. Application of an insulating finish to the exterior will also improve the energy efficiency of these

Background Information:

The existing windows are single pane construction, original to the buildings, are not energy efficient, and some have been damaged over the years. The window and door replacement portions of this project were previously requested in 2011.

1 Demolition/Disposal		65,000
2 Thermal Window Frames (4,800 sf @ \$50/sf)		240,000
3 Insulated Polycarbonite Glazing (1,280 sf @ \$85/sf)		108,800
4 Insulated Glazing (3,520 sf @ \$30/sf)		105,600
5 Exterior Storefront Doors (12 ea @ \$3,600/ea)		43,200
6 Exterior Steel Doors (37 ea @ \$1,800/ea)		66,600
7 CMU Repair		40,000
8 Patching, Painting & Sealing		125,000
9 Exterior Insulating Finish System (10,000 sf @ \$25/sf)		250,000
	Total	1,044,200

Proj. No.: 15-S01 Statewide Roofing Program

Agency:AdministrationLocation:Statewide

Detail Description:

This project would provide for a weather proofing system on various state owned buildings throughout the state: PRIORITY ONE: 1. Health and Human Services, Caliente Youth Center, Phase 3 of 3, 5614; 2. Department of Correction, Building 1, LLC, on-going phases, 5048; 3. Health and Human Services, Building 1, NNAMHS, 5138; 4. Health and Human Services Buildings 7, 8, 9, 10, SNCCAS 5628; 5. Health and Human Services, Administration Building, NNCAS, 5207; 6. Department of Conservation and Natural Resources, Comfort Station, 5408; 7. Department of Natural Resources, Residence & Machine Shop, Berlin Ichthyosaur, 5022; 8. Nevada Department of Wildlife, Wildlife Headquarters, Las Vegas, 5420; 9. Department of Health and Human Services, Sierra Regional Center, 5147; 10. Department of Administration, State Library Rain Gutters, 553; 11. Department of Conservation and Natural Resources, Ft. Churchill Ramada & Adobe Brick Storage, 5021; 12. Department of Administration, Emergency Roof Repairs, various state buildings,

Project Justification:

The scope of these projects is to remove and replace the failed roofing system that has gone beyond its useful life. The new roofing will insure a water tight roofing system.

Background Information:

The State Public Works Division requires that all low sloped (membrane) roofs be covered under a No Dollar Limit Warranty developed by the SPWED staff. The membrane manufacture must agree to the provisions of the NDL warranty prior to acceptance of the roof submittal. Additional, the SPWD requires an annual inspection of all new roofs by the manufacturer and SPWD personnel as part of the Preventative Maintenance Agreement.

1 Caliente Youth Center, 5614		282,840
2 Lovelock Correctional Center Building 1, 5048 & 5094		383,750
3 NNAMHS, Building 1, 5138		361,998
4 SNACAS Buildings 7, 8, 9 10, 5628		383,250
5 NNCAS, Administration, 5207		105,500
6 Spooner Lake, Comfort Station, 5408		10,750
7 Berlin Ichthyosaur Residence & Machine Shop,5022/5038		152,400
8 Wildlife Headquarters, Las Vegas , 5420		119,700
9 Sierra Regional Center, 5147		168,337
10 State Library Rain Gutters, 5503		138,400
11 Ft Churchill Ramada & Adobe Brick Storage, 5021		61,200
12 Emergency Repairs		100,000
	Total	2.268.125

Proj. No.: 15-S01g Statewide Roofing Program (Military)

Agency:Nevada Army National GuardLocation:Various

Detail Description:

This project would provide for a single ply roofing system.

Project Justification:

The scope of this project is to remove and replace the failed roofing system that has gone beyond its useful life. The new roofing will insure a water tight roofing system.

Background Information:

The State Public Works Division requires that all low sloped (membrane) roofs be covered under a No Dollar Limit (NDL) Warranty developed by the SPWD staff. The membrane manufacture must agree to the provisions of the NDL warranty prior to acceptance of the roof submittal. Additionally, the SPWD requires an annual inspection of all new roofs by the manufacturer and SPWD personnel as part of the Preventative Maintenance Agreement.

1 Elko Readiness Center, 5244		235,000
2 Henderson Armory, 5243		235,613
	Total	470,613

Proj. No.: 15-S02 Statewide ADA Program

Agency: State Public Works Division

Location: Statewide

Detail Description:

The scope of this program is to provide Statewide Accessibility under Title II, program accessibility, of the Americans with Disabilities Act for the removal of barriers. ADASAD/CABO-ANSI.

1. This project will construct ADA retrofits to the interior and exterior of Lakes Crossing. Remodels will occur in the visitor and client restrooms, client rooms and client showers. Drinking fountains, break room casework, and signage will be replaced. The project will also provide teletypewriter (TTY) phone. The exterior work includes life safety upgrades for client exiting, parking striping and signage.

2. This project will construct ADA retrofits to the interior and exterior of building #13 at the Southern Nevada Child Adolescent Services (SNCAS). Remodel will occur in the kitchens and bathrooms. Door hardware, casework and appliances will be replaced. The exterior work will remove existing site stairs and install a new accessible ramp.

3. This project will construct ADA retrofits to the interior and exterior of the Boulder City Veteran's Cemetery Chapel. The interior work consists of replacing casework, sink, faucets, door hardware and drinking fountains. The exterior work consists of new sidewalks.

4. This project will remove and replace pavilion concrete and landscaping at the Veterans Cemetery in Fernley.

5. This Project will construct ADA retrofits to the exterior of the State Capitol Building. The exterior work will include removing and replacing the accessible ramp.

6. This project will replace deteriorating concrete throughout the Stewart Complex and add one new ramp.

7. This Project will construct ADA retrofits to the interior and exterior of Building 2 at the Child and Family Services (CFS). Remodels will occur in the kitchen and bathrooms. Door hardware, casework and appliances will be replaced and interior signage will be installed. The exterior work will include removing and replacing sidewalks, ramps and exterior signage.

Project Justification:

The Statewide ADA program is prioritized in accordance with the following decision matrix: All Department of Justice directives are given the highest priority. Next, state agencies are given the following priority order:

Mental Health, Administration, Museums, Parks, Wildlife, Prisons, and then all others based on the programs that they offer to the public. This priority order is based on the accessibility needs of the clientele and the programs offered at these facilities, with the intent being to decrease the State's exposure to accessibility liabilities.

Background Information:

Title II of the Americans with Disabilities Act is a civil rights law and under that law all states are required to provide program access. Based on past experience with this program these types of small multi-dimensional retrofit projects yield higher than average architectural and engineering fees.

1 Lake's Crossing Building #13 (5142)		343,980
2 SNCAS Building #13 (5202/5203)		259,440
3 Veteran's Cemetery Boulder City (5299/5396)		40,850
4 Veteran's Cemetery Fernley (5232)		150,800
5 Capitol Building Ramp (5532)		50,500
6 B&G Stewart Site (5509)		118,000
7 NNCAS Unit 2 & Site (5206)		164,800
	Total	1,128,370

Proj. No.: 15-S03 Statewide Fire & Life Safety

Agency:State Public Works DivisionLocation:Statewide

Detail Description:

The following is a brief summary of the projects scope of work. The project details are provided in the individual 2015 CIP Project Cost Estimates.

5133 Boulder City Veterans Home: Replace the existing fire alarm system.

5208 NNCAS: Install fire sprinklers in the Administration building and replace the fire alarm system in the Administration and the two residential housing buildings. This work will require the asbestos abatement of approximately 4,000 sq ft of asbestos ceiling spray in the Administration Building.

5422 FMWCC: Replace the existing fire alarm with a new addressable system.

5644 EITS Computer and Communication Server Rooms: Upgrade the fire detection system from a passive system to an active system.

Project Justification:

This work is required to maintain existing fire and life safety systems that have been installed per building codes when the structures were originally constructed and renovated per Building Codes and the State Fire Marshal office - NAC Chapter 477.

Background Information:

The prioritization of Fire and Life Safety projects is a coordinated effort from the following offices State Fire Marshal, Risk Management, State of Nevada insurance company (currently Global Risk), and SPWD.

1 NSVH Fire Alarm Boulder City Vets (5133)		278,370
2 DHHS Fire Alarms & Sprinklers NNCAS Admin (5208)		311,950
3 NDOC Fire Alarm FMWCC (5422)		465,000
4 EITS Active Fire Alarm Upgrade (5644)		128,500
5 Emergency Repairs		50,000
	Total	1,233,820

Proj. No.: 15-S05 Statewide Paving Program

Agency:State Public Works DivisionLocation:Statewide

Detail Description:

Statewide slurry seal, overlay and new paving.

Project Justification:

The purpose of this Statewide Paving Program is to optimize paving life cycle costs, extend the pavement longevity and create safe paving surfaces for employees and the public. Crack seal and slurry seal is a preferred method meeting these goals. When the asphalt is in need of repair or an overlay this can be accomplished as well. If the asphalt has deteriorated to the point it cannot be repaired, then replacement is recommended. New paving construction projects are also considered to be within the scope of this statewide program. These projects also make paving improvements to bring facilities up to ADA requirements and to comply with current codes.

The budget constraints of the 2013 CIP have made it necessary to obtain the funding for a final phase of work at the Northern Nevada Correctional Center in order to complete the parking lot rehabilitation. This project will also address some of the paving issues within the prison to provide proper ADA accessibility in needed areas.

Background Information:

The goal of this program is to bring the asphalt parking areas and access roads to an adequate service level so it will become more economical to do cyclical maintenance rather than replace the paving prematurely. This program has consistently been upgrading deteriorated parking lots and access roads and intends to keep the areas from deteriorating to a point where it would be necessary to replace the paving prematurely.

1 Vetsvcs/NNVMC- Fernley 5250 (Replace)		220,006
2 NDOC-NNCC Ph 2- Carson 5080 (Rehab/Replace)		253,000
3 NSRM- Carson City 5310 (Slurry)		45,679
4 NNCAS Reno 5206B (Slurry)		42,975
	Total	561,660

Proj. No.: 15-S05g Statewide Paving Program (NNG Stead Training Center)

Agency: State Public Works Division

Location: Stead

Detail Description:

This project will provide crack seal and slurry for the paved areas at the Stead Training Center.

This project is 100% Federally funded.

Project Justification:

The pavement has reached its cyclical time for maintenance, and has begun to spall in several areas. These surfaces should be maintained so that further deterioration does not happen.

Background Information:

This is the first request for this project.

Construction Cost Detail:

1 Stead Training Center 5362 (Slurry)

42,500

Proj. No.: 15-S05g1 Statewide Paving, Nevada National Guard **Agency:** State Public Works Division

Agency: State Public Works Divi Location: Statewide

Detail Description:

Statewide slurry seal, overlay, and new paving.

These projects are 50% Federally funded and 50% State funded.

Project Justification:

The purpose of this Statewide Paving Program is to optimize paving life cycle costs, extend the pavement longevity and create safe paving surfaces for employees and the public. Crack seal and slurry seal is a preferred method meeting these goals. When the asphalt is in need of repair or an overlay this can be accomplished as well. If the asphalt has deteriorated to the point it cannot be repaired, then replacement is recommended. New paving construction projects are also considered to be within the scope of this statewide program. These projects also make paving improvements to bring facilities up to ADA requirements and to comply with current

Background Information:

The goal of this program is to bring the asphalt parking areas and access roads to an adequate service level so it will become more economical to do cyclical maintenance rather than replace the paving prematurely. This program has consistently been upgrading deteriorated parking lots and access roads and intends to keep the areas from deteriorating to a point where it would be necessary to replace the paving prematurely.

The Fallon Readiness Center rear lot was replaced as a part of the 2007 CIP.

1 Fallon Readiness Center 5353 (Replace)		92,500
2 Washoe Readiness Center- Stead 5358 (Slurry/Repair)		68,250
	Total	160.750

Proj. No.: 15-S05h Statewide Paving Program (Highway Funded Projects)

Agency: State Public Works Division

Location: Carson City

Detail Description:

This project will involve minor replacement of failed pavement, replacement of non-compliant ADA parking spaces and signs, replace broken curbing and perform preventative maintenance throughout the parking lot to include re-striping.

This project will be funded with 70% Highway Funds and 30% State Funds.

Project Justification:

The ADA parking is incorrectly sloped and the signs are not at the correct height. In some areas the asphalt is beginning to fail, and there are a couple of areas where the curbing needs replacement. The rest of the parking lot is due for cyclical maintenance.

Construction Cost Detail:

1 DPS Training- Carson City 5626.A (Repair/Slurry)

62,500

Proj. No.: 15-S05h1 Statewide Paving, Highway Funded Projects

Agency: State Public Works Division

Location: Statewide

Detail Description:

This project will perform preventative maintenance on the AC paving in the front parking lot at the Donovan DMV. It will also install the proper ADA parking signage.

The Henderson DMV project will add a series of sidewalks, raised pedestrian crosswalks and a landscape planter.

This project is 100% Highway Funded.

Project Justification:

The pavement at the Donovan DMV has reached the cyclical limit for resealing.

Pedestrian circulation has been a challenge at the Henderson DMV. The proposed project will increase the safety for pedestrians from the south parking lot.

Background Information:

The front and rear AC pavements at the Donovan DMV were last sealed as a part of the 2007 CIP. The rear AC pavement was resealed in 2013 due to a change in CDL course design.

1 DMV Donovan- Las Vegas 5539 (Slurry)		46,000
2 DMV - Henderson 5683 (ADA)		190,000
	Total	236,000

Proj. No.:15-P03aStewart Master PlanAgency:Indian AffairsLocation:Stewart

Detail Description:

A Master Plan would be prepared for the Campus Buildings. The intent being to develop a Program analysis of the buildings to determine the best use and function and associated costs to restore the buildings ,both interior and exterior, back to their original Architectural significance. This would also involve developing costs to seismically rehabilitate the buildings as well as enhance the buildings with new infrastructure requirements including heating ventilation and air conditioning , fire alarm, and suppression systems, lighting, and code compliance requirements.

Project Justification:

The development of a Campus Master Plan and Program for the Campus buildings will provide a roadmap for the eventual restoration of the Stewart Indian School and provide a cultural and activities campus for future generations and ensure that an important part of the Native American history and experience in Nevada is preserved. Future native and non-native generations will benefit from the completion of this project.

Background Information:

The Stewart Indian School District is a National Register of Historic Places property.