

## **Capital Projects**

**FY22**

### **Capital Projects – Maintenance Reserve Funded**

Douglas Roof Project:

The Douglas Roof project has been approved by the Department of General Services. In addition, the Contractor has been brought on board through the Design-Bid-Build state procedure. Upon construction, resources will be transferred from the museum's maintenance reserve budget to fund these two projects.

Total Estimated Costs: \$551,000

### **Capital Projects – VMNH-Foundation Funded**

Jean S. Adams Education Pavilion:

Update:

Jean S. Adams Education Pavilion project has been approved by the Department of General Services. The delays up to this point are due mostly to the unique nature of the project. The plans for the Pavilion contain several features uncommon in most state construction project.

We have initiated the process to bring on a contractor to complete the project. During the month of October the agency held the pre-bid conference. The turnout at the meeting was very promising, and there are several firms excited to take on the project. Bids for the project will be submitted on the 18<sup>th</sup> of and opened on the 19<sup>th</sup> of November.

Total Estimated Costs: N/A Pending Construction Contact

## Capital Projects – Federal Funded

Energy Service Companies Proposal:

Update:

We received approval from the DGS Department of General Services and ARB the Art and Architectural Review Board has approved the project to move forward. However, the agency is still awaiting feedback from the Department of Historic Resources.

Scope of the Final Project:

ECM Description	ECM Scope
Strategic LED Retrofit (ARRA)	1,049 LED Retrofits, 57 Enlighted Sensors
Insulation and Weatherization	Repair/replace door weather-strips, sweeps, astragals & garage door seal. Inspect & seal exterior windows & vents. 697 linear feet. Insulate window wall 525 sf.
HVAC/ BAS Recommission (ARRA Compliant)	Inspect & repair & recommission HVAC including 25 AHU, 2 Chillers, 2 boilers, 81 VAVs, 17 humidifiers, BAS, sensors & controls.
IceCold Refrigerant Catalyst - 130 ton	Add 80 ounces of refrigerant catalyst.
IceCold Refrigerant Catalyst - 270 ton	Add 130 ounces of refrigerant catalyst.
Generator Heat Pump	Install generator block heater HP in parallel with existing heater.
59.6 kW Solar (Metal Roof Only)	Install 59.6 kW solar array (142 panels, two inverters) on the metal roof & grid-tie behind the meter.
Two Level 3 DC Fast EV Chargers	Install 2 EVgo Delta 25 kW Fast DCF Chargers to be supplied by VMNH

Energy service companies (ESCOs) develop, design, build and arrange to finance for projects that save energy, reduce energy costs, and decrease operations and maintenance costs at their customers' facilities. In general, ESCOs act as project developers for a comprehensive range of energy conservation measures (ECMs) and assume the technical and performance risks associated with a project.

The Department of Mines Minerals and Energy has confirmed that Buy American/Bacon-Davis pricing was used for the entire EPC (Energy Performance Contract), not just for the Solar PV portion of the proposal. Because our Solar Enhanced EPC funding program is Federal, the requirement is that every ECM (Energy Conservation Measure) and the entire project must adhere to Buy American/Bacon-Davis.

### **Capital Projects – Pool Funded**

#### VMNH-Waynesboro – New Facility Construction

Authorization was granted to infuse an additional \$ of x,xxx,xxx CCPF Funds (09650) into this project such that the total funds available are now \$x,xxx,xxx. Authorization is further granted to prepare the schematic design in accordance with the current Construction and Professional Services Manual. The total Detailed Planning cost shall not exceed \$x,xxx,xxx. This action supersedes that of CO-2 dated July 9, 2019 and approved August 12, 2019 only concerning the infusion of funds, total funds available, and project budget breakdown. Mike Coppa - DGS (Department of General Services)

The Department of Planning and Budget is working internally on a schedule for releasing funds to begin the Schematic phase of the project. The Request for Proposal has been reviewed by the Department of General Service and approved. The Capital Outlay Form 02 has been submitted to the Department of General Services.

We have met with the facilities department of James Madison University and plan to bring them on to act as the agency's project manager. We are taking steps to bring them on once determined which A/E firm will be given the contract to complete the project.