

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 this project.

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 plans for the Pavilion contain several features which increased the total cost well above the fund available for construction.

The A/E firm is currently working with the Department of General to right size the project to fit the budget. Parameters which are also affecting budget include inflation and increasing labor rates.

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 the Art and Architectural Review Board has approved the project to move forward. We have officially kicked off the project moving forward to address the HVAC and Lighting portions of the projects.

Summary:

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.

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

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 has release the initial portion of the funds required to start the Detail Planning process. The RFP has been posted on Electronic Virginia (eVA). The deadline for submissions is 2 PM on March 2nd with review, scoring and interviews to follow.

We have signed the MOU with James Madison University and plan to bring them on to act as the agency's project manager. They will join the team as part of the selection committee and participate in the interviews.

Next Steps:

Open Proposals - On March 3rd

Evaluate - Rank / Score, Proposals

Verification - Verify the minimum Top 3 candidates are licensed A/E professionals

Interview - Minimum Top 2 but 3 is suggested in case #1 and #2 pull out

Negotiations - Negotiate fees with the A/E ranked first as to overall in suitability and qualifications.

Once Selected - Award Process

1. Recommend the selected A/E to the Agency Head or his Designee for approval.
2. The terms of the agreement shall be recorded in a written and signed MOU and attached to the Form CO-3 signed by the Agency Contracting Officer and the A/E.
3. Post a Notice of Award on eVA
4. Issue a Purchase Order on eVA referencing the Contract CO-3. Forward a copy of the Contract, Form CO-3, and the MOU to DEB. The Agency shall also post the Contract on eVA in accordance with the requirements of the Division of Purchases and Supply (DPS).