**Capital Projects**

**FY23**

**Capital Projects – Maintenance Reserve Funded**

Douglas Roof Project:

Complete -

Total Costs: $578,660

**Capital Projects – VMNH-Foundation Funded**

Jean S. Adams Education Pavilion:

Update:

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

This project will include the installation of a multifunctional three season canopy to the rear of the building. Also, the stairs exiting the building down to Oakdale Street will be renovated to meet code.

Total Estimated Costs: N/A Pending Construction Contact

**Capital Projects – Federally Funded**

Energy Service Companies Proposal:

Update:

We have completed several Energy Conservation Measures (ECMS) to date. The lighting throughout the building has been upgraded to LEDs. Solar panels have been installed on the roof of the Starling Avenue building. Refrigerant Catalyst has been add to the heating and cooling system and the insulation and weatherization portions of the project have been completed.

ECMs that remain to be completed include the installation of the generator heat pump the finalization of the HVAC recommissioning, and the installation of the 2 Fast EV charging stations.

**Project 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 $1,148,000 Funds (09650) into this project such that the total funds available are now $1,148,000.  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 $1,148,000. 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 - $1,148,000 required to start the Detail Planning process.

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.

**Update:**

VMNH finalized the negotiation process with one of the top candidates to take on the role of lead Architect on the VMNH-Waynesboro Campus project. Since the hourly rates of the A/E firm and subcontractors are discussed the process happens internally and is kept confidential until the contract is awarded. As of July 25th 2022 DGS has the proposed contract and MOU to be review for approval. The museum needs final approval from the Department of General Services before signing the documents.

**A/E Proposed Timeline\*\*\***

**The following schedule shall apply to the A/E’s Services:**

Program Verification & Concept Design: August 15, 2022 – October 12, 2022

Schematic Design Phase: October 13, 2022 – December 15, 2022

Preliminary Design Phase: January 1, 2023 – May 19, 2023

Working Drawings: July 3, 2023 – Feb 14, 2024

Construction Phase: March 15, 2024 – August 1, 2025

**DATES AND TIMES SUBJECT TO CHANGE\*\*\***