

LATE MATERIAL

Item # 21 D & E

Meeting Date: 06/02/16

Request for Proposal 1415-123

Carson City, Nevada Performance Contract for Energy/Operating Cost Saving Measures

Status Update: June 2, 2016



Explanation

- Getting authority to move forward obtaining project financing.
- Multiple options based on amounts of QECB financing received.
- All options are self funding.
- The resolution is requesting approval to move forward at the maximum project value.
- Final project value is based on amount of Qualified Energy Conservation Bonds received.
- This will return to the Board for final approval in July.

Project Development Schedule Milestones

- RFP 1415-123 Performance Contract for Energy Savings January 9, 2015
- RFP Responses Due February 12, 2015
- Short List Interviews / Ameresco Selected..... April 21-23, 2015
- 3rd Party Engineer Contract – Pre Audit Kick-off July 22,2015
- Audit Agreement Approval October 1,2015
- 30% Audit Report Delivered to City November 16, 2015
- 60% Audit Report Sent to Governor’s Office of Energy December 21, 2015
- 90% Audit Report Delivered to City February 29, 2016
- 100% Audit Report and Contracts to Board May 19, 2016
- Energy Savings Performance Contract Negotiations Complete [May 27, 2016](#)
- BOS: Meeting on Financing and QECB Resolutions [June 2, 2016](#)
- 100% Audit Report Submitted to Governor’s Office of Energy [June 27, 2016](#)
- BOS: Energy Savings Performance Contract Approval [July 21, 2016](#)
- Financing Closing Date [August 5, 2016](#)
- Notice to Proceed Date (Estimated) [September 1, 2016](#)
- Targeted Construction Completion Date [May 15, 2017](#)

Project Scope and Investment Depend on Finance Rate

- Base Scenario Financed Amount @ 3.5% Interest Rate: **\$3,695,946**
- Scenario 2 Financed Amount @ 2.0% Interest Rate: **\$4,367,605**
- Scenario 3 Financed Amount @ 1.0% Interest Rate: **\$5,373,393**

- **Note: Interest Rate and Self-funded Project Size Improves Proportional to the Amount of Qualified Energy Conservation Bond Financing Secured**
- **Scenario 2 Assumes \$3.1M of QECCB's**
- **Scenario 3 Assumes \$5.1M of QECCB's**

- **The Resolution is Asking for Approval of A Maximum Project Value Sized to Fund the Maximum Project**

Proposed ECM Matrix for 2% and 1% QECB Financing

X = Base Scenario at 3.5% - Project Financing of \$3,695,946

X = Scenario #2 at 2.0% - Estimated Project Cost \$4,367,605

X = Scenario #3 at 1.0% - Estimated Project Cost \$5,373,393

Note: **X** is incremental to Black Xs' and Red X's are Incremental to Black X's

	Aquatic Facility	Building Resource Innovation Center	Cemetery	City Hall	Community Center	Corporate Yard: Public Works A-D	Corporate Yard: Building 2 (Fleet)	Corporate Yard: Building 3 (Sand Barn)	Corporate Yard: Building 7	Corporate Yard: Building 9	Corporate Yard: Building 11	Corporate Yard: Building 13	Court House Complex	Fire Station 51	Fire Station 52 and Fire Training Building	Fire Station 53	Health and Human Resources	Juvenile Administration Building	Juvenile Annex	Juvenile Detention Center and Juvenile Court	Carson City Library	Senior Center	Sheriff's Administration Building	Sheriff's Dispatch	Mills Park Complex / Mary Teixeira Pavilion	Centennial Park Complex	Pete Livermore Sports Complex	Fairview Drive Street Lighting	MAC		
ECM 1: Interior & Exterior Lighting Retrofits																															
1.1	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
1.2	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
1.3													X																		
ECM 2: Boiler Replacement																															
2.1	X			X										X																	
ECM 3: Energy Management System Upgrades & Retro-Commissioning																															
3.1	X			X										X																	
3.2	X			X	X									X	X	X		X				X			X						
3.3	X			X	X									X	X	X	X	X	X			X	X	X	X						
3.4	X			X	X									X	X	X	X	X	X			X	X	X	X						
3.5																													X		
3.6	X													X																	
3.7																															
ECM 4: Building Envelope																															
4.1		X	X	X	X	X			X	X	X		X	X	X		X				X	X	X	X							
4.2	X				X										X							X									
4.3	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
4.4									X					X		X							X								
4.5		X																													
4.6	X																														
ECM 5: City Hall HVAC Retrofit																															
5.1																															
ECM 7: Building Dynamics																															
7.1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		

X Incremental Addition in 2% Scenario = City Hall Air Conditioning Replacement

X Main Incremental Addition in 1% Scenario = Court House Boiler Replacement

Thank You

Steve Frost P.E., C.E.M.
Senior Business
Development Engineer

602.881.1313

sfrost@ameresco.com

