

**Town of Coventry
School Energy and Building Efficiency Committee Meeting
Minutes of the meeting March 15, 2017**

1. Meeting called to order at 7:00 by Chairman Tom Kolodziej. In attendance were Committee members Mary Kortmann, Cheryl Trudon and Danielle Kloster. Also in attendance were John Elsesser; Town Manager, Beth Bauer; Town Finance Director, Robert Carroll; BOE Fiscal Services Director and Bill Trudelle; BOE Director of Facilities.
2. **Approval of February 15 2017 meeting minutes: – Cheryl Trudon moved to approve the minutes, seconded by Danielle Kloster. All voted in favor.**
3. **Review of Project Priorities and Timing: –** The committee discussed the project priorities as established at the last meeting.
 - **Code work plus the heaters – eligible for 58% reimbursement**
 - **CGS and GHR boiler replacements – need energy savings costs**
 - **Mechanical replacement/upgrades**
 - **Misc work**
 - **Security entry modifications**

The committee revised the project listing to include code work as the top priority, followed by projects with more return from energy savings, and then to reduce disruption, by school. The High School/Middle School complex would be first, followed by CGS and then GHR. The list of projects was reviewed and priority assignments were given to each item (see attached). The committee agreed to plan for a presentation to the Town Council on 4/17/17. Bill Trudelle and Bob Carroll will prepare a power point emphasizing the project priorities, anticipated payback and other rationale for the committee to review at a special meeting on 4/12/17.

4. **Approval of invoices: Danielle Kloster moved to approve payment of MJDaly invoice 500501 for \$35328.67 and invoice 500502 for \$166,552.88. Mary Kortmann 2nd. All voted in favor.**
5. **Other Business:** Tom Kolodziej asked for a volunteer to serve as secretary for the committee, Danielle Kloster volunteered.
6. **Mary Kortmann moved to adjourn at 8:31pm, Cheryl Trudon 2nd. All voted in favor.**

Respectfully submitted,



Beth Bauer
Recording Secretary

Schematic Design Cost Estimates - BL Companies
Amended 3/15/17

Category	School	Description	Cost	O&P	Contingency	Total	
Code Upgrades	CHS	Fire Wall	\$ 94,000.00	\$ 14,100.00	\$ 9,400.00	\$ 117,500.00	1
Code Upgrades	CHS	Eye Wash/Tepid Water	\$ 163,476.00	\$ 24,521.40	\$ 16,347.60	\$ 204,345.00	1
Code Upgrades	CHS	ADA Lab Casework	\$ 40,000.00	\$ 6,000.00	\$ 4,000.00	\$ 50,000.00	1
Code Upgrades	CHS	Oil Tank Removal	\$ 21,500.00	\$ 3,225.00	\$ 2,150.00	\$ 26,875.00	1
Code Upgrades	CNH	Fire Wall	\$ 82,390.00	\$ 12,358.50	\$ 8,239.00	\$ 102,987.50	1
Code Upgrades	CNH	Oil Tank Removal	\$ 21,500.00	\$ 3,225.00	\$ 2,150.00	\$ 26,875.00	1
Code Upgrades	Complex	Fire Wall	\$ 22,900.00	\$ 3,435.00	\$ 2,290.00	\$ 28,625.00	1
Code Upgrades	Complex	Oil Tank Removal	\$ 21,500.00	\$ 3,225.00	\$ 2,150.00	\$ 26,875.00	1
Code Upgrades	CGS	New Oil Tank	\$ 24,544.00	\$ 3,681.60	\$ 2,454.40	\$ 30,680.00	1
Code Upgrades	CGS	Oil Tank Removal	\$ 21,500.00	\$ 3,225.00	\$ 2,150.00	\$ 26,875.00	1
Code Upgrades	GHR	New Oil Tank	\$ 24,544.00	\$ 3,681.60	\$ 2,454.40	\$ 30,680.00	1
Code Upgrades	GHR	Oil Tank Removal	\$ 21,500.00	\$ 3,225.00	\$ 2,150.00	\$ 26,875.00	1
Code Upgrades	CHS	Asbestos Floor Tile	\$ 143,220.00	\$ -	\$ 14,322.00	\$ 157,542.00	1
Mechanical Upgrades	CHS	Water Heater Conversion	\$ 4,800.00	\$ 720.00	\$ 480.00	\$ 6,000.00	1
Mechanical Upgrades	CNH	Water Heater Conversion	\$ 4,800.00	\$ 720.00	\$ 480.00	\$ 6,000.00	1
Mechanical Upgrades	Preschool	4 new gas fired RTU's	\$ 75,000.00	\$ 11,250.00	\$ 7,500.00	\$ 93,750.00	1
Mechanical Upgrades	GHR	Gas Piping	\$ 12,000.00	\$ 1,800.00	\$ 1,200.00	\$ 15,000.00	1
Boiler Replacements	CGS	2 new boilers	\$ 120,000.00	\$ 18,000.00	\$ 12,000.00	\$ 150,000.00	2
Boiler Replacements	GHR	2 new boilers	\$ 120,000.00	\$ 18,000.00	\$ 12,000.00	\$ 150,000.00	2
Mechanical Upgrades	CHS	Admin Heating Zone 9	\$ 14,000.00	\$ 2,100.00	\$ 1,400.00	\$ 17,500.00	3
Mechanical Upgrades	CHS	Admin Air Balance	\$ 2,500.00	\$ 375.00	\$ 250.00	\$ 3,125.00	3
Mechanical Upgrades	CHS	Kitchen Heating (2) Fancoil	\$ 4,800.00	\$ 720.00	\$ 480.00	\$ 6,000.00	3
Mechanical Upgrades	CHS	31 Unit Ventilators	\$ 31,000.00	\$ 4,650.00	\$ 3,100.00	\$ 38,750.00	3
Mechanical Upgrades	CHS	New Finned Tube w/controls	\$ 139,500.00	\$ 20,925.00	\$ 13,950.00	\$ 174,375.00	3
Mechanical Upgrades	CHS	New Dedicated Outside Air System	\$ 180,000.00	\$ 27,000.00	\$ 18,000.00	\$ 225,000.00	3
Mechanical Upgrades	CHS	Heating Pump VFD's	\$ 7,000.00	\$ 1,050.00	\$ 700.00	\$ 8,750.00	3
Mechanical Upgrades	CNH	42 Unit Ventilators	\$ 42,000.00	\$ 6,300.00	\$ 4,200.00	\$ 52,500.00	3
Mechanical Upgrades	CNH	New Finned Tube w/controls	\$ 189,000.00	\$ 28,350.00	\$ 18,900.00	\$ 236,250.00	3
Mechanical Upgrades	CNH	New Dedicated Outside Air System	\$ 160,000.00	\$ 24,000.00	\$ 16,000.00	\$ 200,000.00	3
Mechanical Upgrades	CNH	New Exhaust Ductwork	\$ 240,000.00	\$ 36,000.00	\$ 24,000.00	\$ 300,000.00	3
Mechanical Upgrades	CNH	Heating Pump VFD's	\$ 7,000.00	\$ 1,050.00	\$ 700.00	\$ 8,750.00	3
Mechanical Upgrades	CNH	Gym AHU	\$ 80,000.00	\$ 12,000.00	\$ 8,000.00	\$ 100,000.00	3
Mechanical Upgrades	CNH	Office Area RTU's	\$ 2,000.00	\$ 300.00	\$ 200.00	\$ 2,500.00	3
Mechanical Upgrades	Complex	3 Unit Ventilators	\$ 3,000.00	\$ 450.00	\$ 300.00	\$ 3,750.00	3
Mechanical Upgrades	Complex	New Finned Tube w/controls	\$ 13,500.00	\$ 2,025.00	\$ 1,350.00	\$ 16,875.00	3
Mechanical Upgrades	Complex	New Dedicated Outside Air System	\$ 30,000.00	\$ 4,500.00	\$ 3,000.00	\$ 37,500.00	3
Mechanical Upgrades	Complex	Exhaust Ductwork	\$ 35,000.00	\$ 5,250.00	\$ 3,500.00	\$ 43,750.00	3
Mechanical Upgrades	Complex	VFD of AHU Stage, Band, Auditorium	\$ 18,000.00	\$ 2,700.00	\$ 1,800.00	\$ 22,500.00	3
Miscellaneous	CHS	Lightning Protection	\$ 75,000.00	\$ 11,250.00	\$ 7,500.00	\$ 93,750.00	3
Miscellaneous	CHS	6 Sub Meters	\$ 10,800.00	\$ 1,620.00	\$ 1,080.00	\$ 13,500.00	3
Security	CHS	Entry Modification	\$ 148,000.00	\$ 22,200.00	\$ 14,800.00	\$ 185,000.00	3
Security	CNH	Entry Modification	\$ 31,142.00	\$ 4,671.30	\$ 3,114.20	\$ 38,927.50	3
Mechanical Upgrades	CGS	28 Unit Ventilators	\$ 28,000.00	\$ 4,200.00	\$ 2,800.00	\$ 35,000.00	4
Mechanical Upgrades	CGS	New Finned Tube w/controls	\$ 126,000.00	\$ 18,900.00	\$ 12,600.00	\$ 157,500.00	4
Mechanical Upgrades	CGS	New Dedicated Outside Air System	\$ 150,000.00	\$ 22,500.00	\$ 15,000.00	\$ 187,500.00	4
Mechanical Upgrades	CGS	Exhaust Ductwork	\$ 7,000.00	\$ 1,050.00	\$ 700.00	\$ 8,750.00	4
Mechanical Upgrades	CGS	Gym AHU	\$ 30,000.00	\$ 4,500.00	\$ 3,000.00	\$ 37,500.00	4

\$ 1,829,052.50

\$ 977,484.50

\$ 300,000.00

Miscellaneous	CGS	Generator Connection	\$ 12,000.00	\$ 1,800.00	\$ -	\$ 13,800.00	4
Miscellaneous	PreSchool	Generator Connection	\$ 9,600.00	\$ 1,440.00	\$ -	\$ 11,040.00	4
Miscellaneous	Admin Bldg	Generator Connection	\$ 12,000.00	\$ 1,800.00	\$ -	\$ 13,800.00	4
Security	CGS	Entry Modification	\$ 28,900.00	\$ 4,335.00	\$ 2,890.00	\$ 36,125.00	4
Mechanical Upgrades	GHR	31 Unit Ventilators	\$ 31,000.00	\$ 4,650.00	\$ 3,100.00	\$ 38,750.00	5
Mechanical Upgrades	GHR	New Finned Tube w/controls	\$ 139,000.00	\$ 20,850.00	\$ 13,900.00	\$ 173,750.00	5
Mechanical Upgrades	GHR	New Dedicated Outside Air System	\$ 150,000.00	\$ 22,500.00	\$ 15,000.00	\$ 187,500.00	5
Mechanical Upgrades	GHR	Exhaust Ductwork	\$ 10,000.00	\$ 1,500.00	\$ 1,000.00	\$ 12,500.00	5
Mechanical Upgrades	GHR	Gym AHU	\$ 30,000.00	\$ 4,500.00	\$ 3,000.00	\$ 37,500.00	5
Mechanical Upgrades	GHR	Air Curtain	\$ 3,500.00	\$ 525.00	\$ 350.00	\$ 4,375.00	5
Miscellaneous	GHR	Generator Connection	\$ 12,000.00	\$ 1,800.00	\$ -	\$ 13,800.00	5
Security	GHR	Entry Modification	\$ 29,800.00	\$ 4,470.00	\$ 2,980.00	\$ 37,250.00	5
			\$ 3,311,216.00	\$ 475,199.40	\$ 326,561.60	\$ 4,112,977.00	
			\$ 4,112,977.00			\$ 411,297.70	estimated design fees
			\$ 70,000.00			\$ 70,000.00	legal/bonding - one bond issue
			\$ 4,594,274.70			\$ 4,594,274.70	