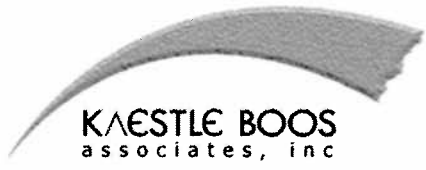


"A"



NEWTOWN MIDDLE SCHOOL ROOF

PROJECT SCHEDULE

Schematic Design and Budgeting of Alternative Roofing Systems Complete as of 1/25/11

The following to be submitted to the Building Commission for Approval and/or Action 2/22/11

- a. Final Design Development Documents
- b. 50% Complete Construction Documents
- c. A/C Study of Cafeteria Including Budget
- d. A/C Study of Administrative Area Including Budget
- e. Schematic Design and Budgeting for the Photovoltaic System
- f. Photovoltaic System Grant Analysis
- g. Test Cuts and HazMat Survey (weather permitting)
- h. Results of Existing Building Structural Survey and Analysis
- i. Schematic Design of Cafeteria Skylight Replacement/ Elimination Including Budget

Re-Roofing Construction Documents to be submitted to the Building Commission for Approval on 3/22/11

- a. Final Plans, Specifications and Budget Update
- b. Approvals of Plans and Specifications by Local Authorities
- c. Proposed Bidding Schedule

Photovoltaic System Progress Report Submitted to the Building Commission for Approval 3/22/11*
(assumes that the Study and Grant were deemed to be viable)

- a. State Department of Education Grant Application Requirements
- b. Establish Schedule for Local Project Approval Process (Bd. of Selectman and Bd. of Education)
- c. Discussion on Potential Need for Special Legislation Regarding Bid Schedule
- d. Design Development Documents

**A separate schedule will be provided for the Photovoltaic Project in the event that the Photovoltaic System proves to be viable.*

Submission of State Department of Education forms for reimbursement and authorization to bid 3/23/11 through 4/6/11

Re-Roofing Bid Period 4/11/11 through 4/28/11

Re-Roofing Bid Review, Analysis and Recommendation of Approval 4/29/11 through 5/6/11

Building Commission Approval of Recommended Bidder 5/10/11

Construction Contract Preparation and Execution on or about 5/17/11

Construction Mobilization Period 5/17/11 through 6/24/11

Construction Period 6/27/11 through 8/30/11

Project Close-Out Period 8/30/11 through 9/30/11

" B "

Richard Kirby

Subject: Newtown Reroof Cost Estimate 2/22/11

Cost Estimate
Newtown M.S. Roof

1/2" Pitch for Reimbursement (Base Bid)

New fully adhered PVC membrane on 1/2" per ft. tapered insulation system 118,000 sq. ft. x \$12.00 =	\$1,416,000
New 50 year architectural shingles on 5/8" plywood on 1x2 wd spacers (12" O.C.) on existing wood deck(no additional insulation cold attic) 9,800 sq. ft. x \$8.00 =	\$78,400
Add 47 new drains 26 x \$2000=	\$94,000
Add 200 lf of gyp & stud soffit to clad new storm drain lines 200 lf x \$ 25 =	\$5,000
Total	\$1,593,400
State Reimbursement \$1,593,400 x 31.79% = \$493,190....(1,593,400 - 506,500)	\$1,086,900

Alternates (original construction)

1-Standing seam metal roof in lieu of shingles 9,800 sq. ft. x \$12.00	add \$115,248
2-Decora rib on colored PVC membrane 9,800 sq. ft. x \$ 8.00	add \$76,832
3-Synthetic Slate in lieu of shingles 9,800 sq. ft X \$ 3.00	add \$29,400
Alternate Skylights (2)	add \$100,000
Alternate (HVAC)	
Cafeteria	add \$243,000
Principal/Guidance	add \$77,000
Nurses/Guidance	add \$87,000
Auditorium	add \$212,000

Handwritten notes:
- A bracket groups Cafeteria, Principal/Guidance, Nurses/Guidance, and Auditorium.
- Next to the Auditorium line, it says "Need more".