

NEW MILFORD BOARD OF EDUCATION
New Milford Public Schools
50 East Street
New Milford, Connecticut 06776

FACILITIES SUB-COMMITTEE
MEETING NOTICE

DATE: November 13, 2018
TIME: 6:45 P.M.
PLACE: Lillis Administration Building—Room 2

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TOWN CLERK
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NEW MILFORD, CT

AGENDA

New Milford Public Schools Mission Statement

The mission of the New Milford Public Schools, a collaborative partnership of students, educators, family, and community, is to prepare each and every student to compete and excel in an ever-changing world, embrace challenges with vigor, respect and appreciate the worth of every human being, and contribute to society by providing effective instruction and dynamic curriculum, offering a wide range of valuable experiences, and inspiring students to pursue their dreams and aspirations.

1. Call to Order
2. Public Comment

An individual may address the Board concerning any item on the agenda for the meeting subject to the following provisions:

- A. A three-minute time limit may be allocated to each speaker with a maximum of twenty minutes being set aside per meeting. The Board may, by a majority vote, cancel or adjust these time limits.
- B. If a member of the public comments about the performance of an employee or a Board member, whether positive, negative, or neutral, and whether named or not, the Board shall not respond to such comments unless the topic is an explicit item on the agenda and the employee or the Board member has been provided with the requisite notice and due process required by law. Similarly, in accordance with federal law pertaining to student confidentiality, the Board shall not respond to or otherwise discuss any comments that might be made pertaining to students.

3. Discussion and Possible Action

- A. NMHS Roof Bid Results
- B. SNIS Roof
- C. Oil Tanks

4. Item of Information

- A. Budget Drivers

5. Public Comment

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6. Adjourn

**Sub-Committee Members: Brian McCauley, Chairperson
Angela C. Chastain
Bill Dahl
Eileen P. Monaghan**

**Alternates: Tammy McInerney
Joseph Failla**



Garland/DBS, Inc.
3800 East 91st Street
Cleveland, OH 44105
Phone: (800) 762-8225
Fax: (216) 883-2055



ROOFING MATERIAL AND SERVICES PROPOSAL

New Milford High School
Town of New Milford
388 Danbury Rd
New Milford, CT 06776

Date Submitted: 11/02/2018
Proposal #: 25-CT-180951
MICPA # 14-5903

Connecticut General Contractor License #: MCO.0903127

Purchase orders to be made out to: Garland/DBS, Inc.

Please Note: The following budget/estimate is being provided according to the pricing established under the Master Intergovernmental Cooperative Purchasing Agreement (MICPA) with Cobb County, GA and U.S. Communities. This budget/estimate should be viewed as the maximum price an agency will be charged under the agreement. Garland/DBS, Inc. administered a competitive bid process for the project with the hopes of providing a lower market adjusted price whenever possible.

Included in proposal are Addendums 1, 2, and 3

Scope of Work: Base Bid 1 Removal and replacement of all existing shingle roof sections per enclosed drawings, details and specifications.

1. Remove and dispose according to local regulations all current roofing materials to OBS decking on all current shingled roof sections as shown on the enclosed drawings. The existing lightening protection is not to be disconnected. The existing gutters are to be removed as well.
2. Set 1 layer of 1 1/2" and high density polyisocyanurate insulation (staggering the joints) and 1 layer of Hunter Panel Cool-Vent insulation board with minimum of 1 1/2" air space and 7/16" factory bonded OSB board. Mechanically fasten through all new and existing layers into metal decking using approved screws and plates per enclosed fastening rates for zones 1, 2 and 3. The total additional insulation height increase will be 5" above existing OSB height. Contractor is to install new layers of 2x pressure treated lumber around entire perimeter and ridge to match new finished roof height. Lumber at the eaves are to be installed so the air flow of the soffit vents is allowed to flow properly into the air space of the newly installed hunter panel cool vent.

3. Contractor is to shop fabricate and install new color matched .050 aluminum rake and eaves cover metal per enclosed details. The metal must cover the bottom of the new wood blocking a minimum of 2" below. Detail will show continuous cleat.
4. Prime OSB substrate of newly installed Cool-Vent insulation board with SA Primer.
5. Set one ply of HPR Aqua Shield (self-adhering) shingle underlayment over all sections.
6. Over the newly installed HPR Aqua Shield, install one layer of specified architectural asphalt shingles and ridge vents per enclosed specifications and fastening pattern. Additional fasteners are required per shingle to compensate for high wind uplift pressures.
7. Installation of ventilation board, insulation board, and Aqua Shield shall be completed by the end of the same work day when existing materials are removed.
8. Shop fabricate and install new .050 aluminum 6"x6" flanged box gutters using Garland color matched flat sheets to the existing fascia metal per enclosed details at all eave locations on entire school.
9. Re install existing lightening protection in same locations. Prior to mechanically fastening through new shingles, apply bead of Greenlock structural sealant between the base and shingles. Once fastened, apply bead of Greenlock over fasteners.

Scope of Work: Base Bid 2 Retrofit over all shingle roof sections per enclosed drawings, details, and specifications with new R-Mer Span Standing Seam Metal roof.

1. Remove existing lightening protection system and copper decorative balls at the peak of the roofs shown on drawings. These materials will not be reinstalled on new standing seam roof system. Owner to decide if they wish to keep these materials or have contractor dispose.
2. Over the existing shingle roofs, mechanically fasten Garland 1" tall, 22 gauge hat channels. Hat channels shall be fastened through all layers into the steel deck with #14-13DP1 fasteners. Any deflection in the shingles will require the hat channels to be shimmed prior to fastening. Hat channel fastening shall be enhanced on roof sections H, G and the southwest corner of roof F where PV solar panels will be installed by others. In these areas fasten hat channel at a rate of 6" o.c.. In areas not receiving solar, fasten hat channels at a rate of 12" o.c. Refer to drawings for specific roof areas.
3. Over the newly installed hat channels, contractor is to install new 18" wide .040 aluminum R-Mer Span standing seam panel system per enclosed specification and detailed drawings.
4. Contractor shall install S-5! Snow Retention System as shown on drawings per specifications and details.
5. Existing aluminum gutter system and fascia metal will remain in place. Color of new metal panels and all trim will match existing edge metal.

Unit Price: Install 8' sump around existing drain bowls on low slope roof section.

Scope of Work: Installation of a 227.36KW-AC Solar Photovoltaic System on Standing Seam Metal Roof

1. Seven-hundred eight-four (784) LG Neon2 AC monocrystalline 330W-DC PV modules with integrated Enphase IQ6+ microinverter(s). The LG solar PV modules are top-end quality modules with industry-leading warranties and company support.

2. Enphase IQ6+ grid-interactive AC microinverters. The Enphase IQ-series microinverters support the current National Electrical Code ("NEC") 2014 requirements for rapid shutdown during grid outages. In addition, these microinverters support the panel level shutdown requirements of the NEC 2017 code which is set for adoption in Connecticut in 2019.
3. S-5 standing seam metal clamps with integrated Solar PV mounting kits.
4. Utility required inter-connection components include; (1) main distribution breaker, (2) exterior non-fused disconnect switch, and (3) dedicated solar PV utility production meter.

Garland/DBS Price Based Upon Local Market Competition: Shingle Option

Silktown Roofing Inc.	\$ 3,142,753
United Roofing and Sheet Metal	\$ 3,226,751
Titan Roofing	\$ 3,938,453
Barrett Inc.	\$ 4,352,498

Garland/DBS Price Based Upon Local Market Competition: Premium Shingle Option

Silktown Roofing Inc.	\$ 3,334,273
United Roofing and Sheet Metal	\$ 3,524,680
Titan Roofing	\$ 4,291,853
Barrett Inc.	\$ 4,753,208

Unit Pricing Internal Drain Repairs on Shingle Repair:

Sump Drain per Drain Silktown	\$ 9,626 Each
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Garland/DBS Price Based Upon Local Market Competition: Solar Ready Standing Seam 24g Steel Option:

Barrett Inc.	\$ 4,215,648
Titan Roofing	\$ 4,316,860
Silktown Roofing Inc.	\$ 4,530,796

Garland/DBS Price Based Upon Local Market Competition: Solar Ready Standing Seam .040 Aluminum Option:

Barrett Inc.	\$ 4,633,623
Titan Roofing	\$ 4,654,845
Silktown Roofing Inc.	\$ 4,848,413

Unit Pricing Internal Drain Repairs on Metal Option:

Sump Drain per Drain United	\$ 9,564 Each
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227.36KW-AC Solar Photovoltaic System on Standing Seam Metal Roof ADD:

DBS Energy	\$ 915,260
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Potential issues that could arise during the construction phase of the project will be addressed via unit pricing for additional work beyond the scope of the specifications. This could range anywhere from wet insulation, to the replacement of deteriorated wood nailers. Proposal pricing valid through April 1st, 2019.

Clarifications/Exclusions:

1. Sales and use taxes are excluded. Please issue a Tax Exempt Certificate.
2. Permits are included.
3. Bonds are included.
4. Masonry work is excluded.
5. Any work not exclusively described in the above proposal scope of work is excluded.
6. Shingle work is at 2nd shift premium rates.
7. Metal roof is at normal hour/standard rates.

If you have any questions regarding this proposal, please do not hesitate to call me at my number listed below.

Respectfully Submitted,

Steve Rojek

Steve Rojek
Garland/DBS, Inc.
(216) 430-3613

DRAFT CAPITAL 5 YEAR PLAN - FACILITIES

DEPARTMENT	ORG	OBJ	LOCATION	DESCRIPTION	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	TOTAL
FACILITIES	BZZ26846	57300	DW	ALARM PANEL UPGRADE	\$28,850	\$28,850	\$55,000	\$50,000			\$162,700
FACILITIES	BZZ26846	57300	DW	SECURITY ENHANCEMENTS D/W	\$25,000	\$26,750	\$26,750	\$27,550	\$30,000	\$30,000	\$166,050
FACILITIES	BZZ26846	57300	DW	RECURRING DOOR REPLACEMENTS				\$13,500		\$14,200	\$27,700
FACILITIES	BZZ26846	57300	DW	ASBESTOS ABATEMENT	\$11,000	\$13,500	\$15,000	\$15,000	\$15,000	\$16,000	\$85,500
FACILITIES	BZZ26846	57400	DW	VEHICLE REPLACEMENT			\$115,000	\$49,200		\$95,000	\$164,200
FACILITIES	BZZ26846	57400	DW	GROUNDS EQUIPMENT REPLACEMENT	\$17,500		\$18,000		\$18,500		\$54,000
FACILITIES	BZZ26846	57400	DW	CUSTODIAL EQUIPMENT REPLACEMENTS	\$15,000	\$16,000	\$17,500	\$17,750	\$17,750	\$18,000	\$102,000
FACILITIES	BZZ26846	57300	DW	ROOF REPAIRS	\$21,400	\$50,500	\$60,000	\$65,000	\$70,000	\$75,000	\$341,900
FACILITIES	BZZ26846	57300	NES	BUILDING AUTOMATION				\$75,000			\$75,000
FACILITIES	BZZ26846	57400	DW	CIRC PUMP REPLACEMENTS	\$8,500			\$8,500		\$8,800	\$25,800
FACILITIES	BZZ26846	57400	SNIS	PLAYGROUND COMPLIANCE	\$5,600		\$6,200		\$6,400	\$6,600	\$24,800
FACILITIES	BZZ26846	57300	DW	MANDATORY 5 YEAR SPRINKLER TESTS	\$24,500					\$32,000	\$56,500
FACILITIES	BZZ26846	57300	CO	STEAM BOILER REPLACEMENT - REPORT			\$95,000				\$95,000
FACILITIES	BZZ26846	57300	CO	STRUCTURAL REPAIR - FOUNDATION				\$40,000			\$40,000
FACILITIES	BZZ26846	57300	SMS	SEPTIC TANK REPLACEMENT					\$225,000		\$225,000
FACILITIES	BZZ26846	57400	NMHS	LED SIGN REPLACEMENT			\$60,000				\$60,000
FACILITIES	BZZ26846	57300	SNIS	HVAC REPLACEMENT- RTU #3		\$34,000.00		\$25,000.00		\$26,000.00	\$85,000.00
FACILITIES	BZZ26846	57400	NES	ASPHALT REPAIR / REPLACEMENT							\$0.00
FACILITIES	BZZ26846	57400	DW	PAVING PROJECTS			\$15,000.00	\$15,500.00	\$16,000.00	\$17,000.00	\$63,500.00
FACILITIES	BZZ26846	57400	NMHS	FLOORING REPLACEMENT						\$55,000.00	\$55,000.00
FACILITIES	BZZ26847	57300	NMHS	GYM CEILINGS						\$45,000.00	\$45,000.00
FACILITIES	BZZ26846	57400	NMHS	TENNIS COURT REPAIR		\$27,000.00					
				TOTAL	\$157,350	\$196,600	\$483,450	\$402,000	\$398,650	\$438,600	\$1,954,650