

# Construction Updates

18 02 19



# Agenda

- Update to Bid schedule
- Middle School & Mt. Rock Abatement Bid Summary
- Mt. Rock ES Partial Roof Replacement Bid Summary
- High School Roof Repair & Restoration
- Pedestrian Safety Improvement Re-bid
- Review of IAQ monitoring for Newville ES
- 2018 Bond Rating Call

# Updated Bid Dates

Project Bid &  
Approval Dates  
as of 180219

	<i>Advertising Approved</i>	<i>Advertise</i>	<i>Pre-bid</i>	<i>Bids Due</i>	<i>Board to Accept Bids</i>	<i>Proj Mgmt</i>
Newville Expansion & Renovation	11/20/2017	11/27,12/5 & 12/15	1/10/2018 10:00 @ DAO	1/30/2018 14:00 @ DAO	2/5/2018	CRA
HS Roof Selected Restoration	12/11/2017	Jan 4,10,16	1/22/2018 10:00 @ DAO	2/1/2018 14:00 @ DAO	2/19/2018	PRSI
PennDOT Grant: Pedestrian Improvement	12/11/17 & 2/19/18	Jan 8,15,22 and 2/28,3/7,3/14	1/24/18 @ 10 3/21/18 @ 10	2/8/18 @2pm 4/5/18 @ 2pm	4/16/2018	Michael Baker
Associated NV/MS/MR Projects	2/19/2018	3/7,3/13,3/22	3/27/18 @ 10am	4/11/18 @ 2pm	4/16/2018	CRA
MR/MS Abatement	1/11/18	Jan 13,16,22	1/24/2018 15:30 @ DAO then MS then MR	2/14/2018 14:00 @ DAO	3/5/2018	Cumberland Analytical
MR Roof Selected Replacement	1/10/18	Jan 17,23,29	2/1/2018 15:00 @ DAO	2/15/2018 14:00 @ DAO	2/19/2018	PRSI
Furniture & Equipment		March	April		May	BSSD
Tech for NV						BSSD

note: changes in red

# MS Auditorium & MR Abatement Bid Summary

**Mt Rock ES Base Bid** removal & disposal of asbestos containing floor tile

**Unit Price:** removal & disposal of asbestos containing floor tile only /SF

**Unit Price:** remobilization fee

**Combined Base Bid:** MS Auditorium & Mt Rock ES

**Middle School Base Bid:** removal & disposal of asbestos containing floor & wall materials

**Unit Price:** removal & disposal of asbestos containing acoustical wall insulation

**Unit Price:** removal & disposal of asbestos containing floor tile & mastic adhesive

**Line Item:** removal of auditorium seats to District dumpster

<b>Natalies Excavation</b>	\$42,300	\$4.00	\$10,000	<b>\$83,420</b>	\$41,120	\$15,000	\$20,000	\$2,500
<b>American Abatement</b>	\$45,800	\$4.00	\$1,200	<b>\$98,000</b>	\$52,200	\$6.00	\$4.00	\$7,600
<b>First Capital Insulation</b>	\$48,400	\$1.40	\$1,000	<b>\$108,500</b>	\$69,900	\$7.50	\$3.25	\$25,000
<b>RL Abatement</b>	\$42,150	\$2.05	\$500	<b>\$116,970</b>	\$69,820	\$7.00	\$3.80	\$4,800
<b>Power Component</b>	\$50,888	\$1.50	\$800	<b>\$142,000</b>	\$93,288	\$5.00	\$3.50	\$12,665
<b>Prims</b>	\$49,929	\$2.13	\$2,000	<b>\$163,929</b>	\$113,929	\$21.00	\$3.75	\$11,650
<b>EHC</b>	\$67,710	\$1.25	\$500	<b>\$184,710</b>	\$117,000	\$10.00	\$2.25	\$5,900
<b>Penns Contracting</b>	\$84,000	\$4.50	\$1,800	<b>\$206,900</b>	\$96,500	\$10.50	\$4.50	\$11,400
<b>CES</b>	\$59,925	\$3.00	\$1,500	<b>\$258,665</b>	\$198,740	\$25.00	\$5.00	none
<b>Sargent Enterprises</b>	\$32,000	\$2.50	\$2,500	<b>\$312,000</b>	\$250,000	\$40.00	\$4.10	\$16,000
<b>KLA Roofing</b>	\$56,019	\$2.24	\$1,500	none	none	none	none	none

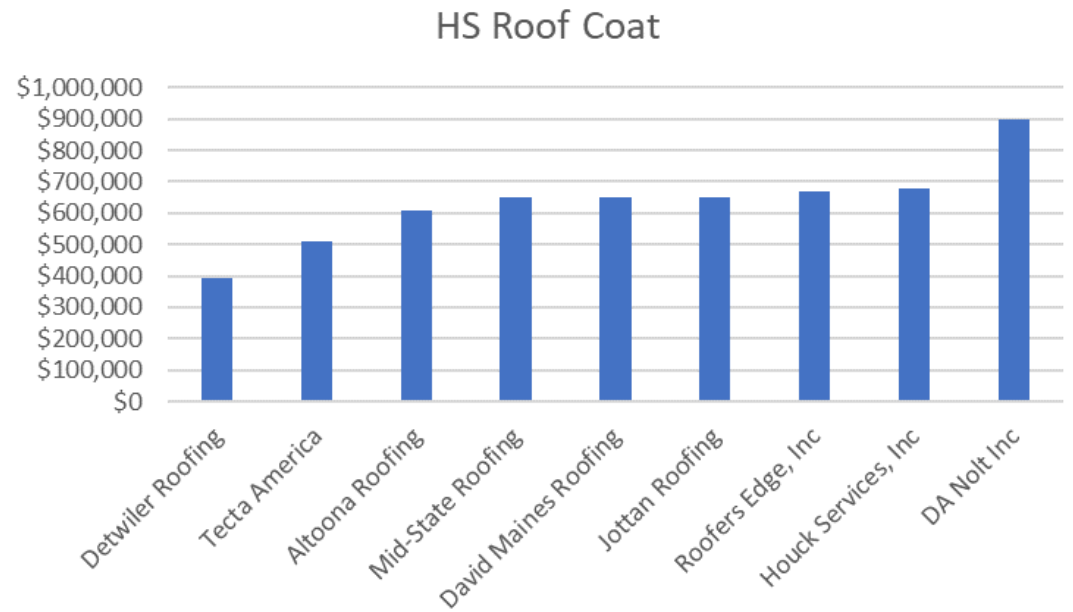
# Mt Rock Partial Roof Replacement Bids

**MR Roof  
Replacement  
15 Feb 2018**

	<i>Base Bid</i>	<i>Coat Existing Ductwork roof 2&amp;4</i>	<i>Sq/Ft Metal Deck Repair</i>	<i>Sq/Ft Metal Deck Replacement</i>	<i>Additional Drain 3"</i>	<i>Additional Drain 4"</i>	<i>Base + Coat Existing Duct</i>
<b>Tecta America</b>	\$1,145,000.00	\$10,000.00	\$3.00	\$5.00	\$1,500.00	\$1,500.00	\$1,155,000.00
<b>Houck Services</b>	\$1,128,600.00	\$28,900.00	\$2.90	\$8.60	\$2,000.00	\$2,000.00	\$1,157,500.00
<b>D.A. Noh Inc</b>	\$1,198,649.00	\$12,500.00	\$12.00	\$10.00	\$2,350.00	\$2,400.00	\$1,211,149.00
<b>Raintree Serv Inc.</b>	\$1,235,340.00	\$17,500.00	\$3.25	\$4.50	\$1,200.00	\$1,350.00	\$1,252,840.00
<b>Heidler Roofing</b>	\$1,313,600.00	\$22,770.00	\$5.00	\$10.00	\$750.00	\$800.00	\$1,336,370.00
<b>David Maines Roofing</b>	\$1,338,000.00	\$1,900.00	\$5.00	\$4.00	\$1,500.00	\$1,500.00	\$1,339,900.00
<b>Ream Roofing</b>	\$1,444,800.00	\$22,725.00	\$3.50	\$7.50	\$3,000.00	\$3,300.00	\$1,467,525.00

# HS Roof Repair & Restoration

<b>HS Roof Repair &amp; Restoration</b>	<b>Base Bid</b>
Detwiler Roofing	\$392,000
Tecta America	\$509,220
Altoona Roofing	\$608,000
Mid-State Roofing	\$649,000
David Maines Roofing	\$649,411
Jottan Roofing	\$649,983
Roofers Edge, Inc	\$668,535
Houck Services, Inc	\$676,900
DA Nolt Inc	\$897,421



# Pedestrian Safety Improvement Project / Grant

PROJECT : BIG SPRING SCHOOL DISTRICT PEDESTRIAN SAFETY IMPROVEMENTS  
CONSTRUCTION COSTS ESTIMATION LINE ITEMS

19-Feb-18

DESCRIPTION	UNIT COST	BASE COST (NO ALTERNATES)	BASE COST PLUS ALT 1 COST	BASE COST PLUS ALT 2 COST	BASE COST PLUS ALT 3 COST	BASE COST PLUS ALT 4 COST	BASE COST PLUS ALL ALTERNATES
FLASHING WARNING SIGN (SCHOOL CROSSING SYSTEM)	\$ 20,500.00	\$ 20,500.00	\$ 20,500.00	\$ 20,500.00	\$ 20,500.00	\$ 20,500.00	\$ 20,500.00
SCHOOL ZONE SPEED LIMIT FLASHING WARNING SIGN ASSEMBLIES	\$ 13,000.00	\$ 117,000.00	\$ 117,000.00	\$ 117,000.00	\$ 117,000.00	\$ 117,000.00	\$ 117,000.00
FLASHING WARNING SIGN NETWORK CONTROL SYSTEM	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00
REMOVAL OF EXISTING FLASHING WARNING ASSEMBLIES	\$ 1,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00
CROSSWALKS	\$ 1,500.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00
"SCHOOL" PAVEMENT MARKINGS	\$ 250.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00
OTHER MISC COSTS (SIGNS & PAVEMENT MARKINGS)	\$ 18,000.00	\$ 18,000.00	\$ 18,000.00	\$ 18,000.00	\$ 18,000.00	\$ 18,000.00	\$ 18,000.00
SPEED HUMPS	\$ 6,000.00	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00
RAISED INTERSECTION	\$ 54,000.00	\$ 54,000.00	\$ 54,000.00	\$ 54,000.00	\$ 54,000.00	\$ 54,000.00	\$ 54,000.00
ROADWAY PAVING (BETWEEN RAISED INTERSECTION & SPEED HUMPS)	\$ 31,000.00	\$ 31,000.00	\$ 31,000.00	\$ 31,000.00	\$ 31,000.00	\$ 31,000.00	\$ 31,000.00
ROADWAY PAVING (BEYOND SPEED HUMPS)	\$ 19,000.00	\$ 19,000.00	\$ 19,000.00	\$ 19,000.00	\$ 19,000.00	\$ 19,000.00	\$ 19,000.00
INTERSECTION LIGHTING AND POWER SUPPLY	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
SIDEWALK (Section 2) - ADMINISTRATION DRIVEWAY TO ELEMENTARY SCHOOL DRIVEWAY	\$ 18,000.00	\$ 18,000.00	\$ 18,000.00	\$ 18,000.00	\$ 18,000.00	\$ 18,000.00	\$ 18,000.00
SIDEWALK (Section 4) - ELEMENTARY SCHOOL DRIVEWAY TO HIGH SCHOOL INTERSECTION	\$ 43,500.00	\$ 43,500.00	\$ 43,500.00	\$ 43,500.00	\$ 43,500.00	\$ 43,500.00	\$ 43,500.00
STORMWATER AND EROSION AND SEDIMENT CONTROL	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00
MAINTENANCE & PROTECTION OF TRAFFIC (5%)	\$ 10,437.50	\$ 10,437.50	\$ 10,437.50	\$ 10,437.50	\$ 10,437.50	\$ 10,437.50	\$ 10,437.50
ALTERNATE 1 - "BUS CROSSING" FLASHING WARNING SIGN ASSEMBLYS WITH REMOVAL OF EXISTING	\$ 14,000.00	\$ -	\$ 56,000.00	\$ -	\$ -	\$ -	\$ 56,000.00
ALTERNATE 2 - SCHOOL ZONE SPEED LIMIT FLASHING WARNING SIGN ASSEMBLYS WITH REMOVAL OF EXISTING	\$ 14,000.00	\$ -	\$ -	\$ 28,000.00	\$ -	\$ -	\$ 28,000.00
ALTERNATE 3 - SIDEWALK (Section 1) - MIDDLE SCHOOL DRIVEWAY TO ADMINISTRATION DRIVEWAY	\$ 16,000.00	\$ -	\$ -	\$ -	\$ 16,000.00	\$ -	\$ 16,000.00
ALTERNATE 4 - SIDEWALK (Section 3,5 & 6) - HIGH SCHOOL INTERSECTION TO ELEMENTARY SCHOOL	\$ 21,500.00	\$ -	\$ -	\$ -	\$ -	\$ 21,500.00	\$ 21,500.00
<b>SUBTOTAL</b>		\$ 427,937.50	\$ 483,937.50	\$ 455,937.50	\$ 443,937.50	\$ 449,437.50	\$ 549,437.50
CONSTRUCTION CONTINGENCY (5% of Subtotal)		\$ 21,396.88	\$ 24,196.88	\$ 22,796.88	\$ 22,196.88	\$ 22,471.88	\$ 27,471.88
MOBILIZATION (5% of Subtotal)		\$ 21,396.88	\$ 24,196.88	\$ 22,796.88	\$ 22,196.88	\$ 22,471.88	\$ 27,471.88
CONSTRUCTION MANAGEMENT AND INSPECTION (10% of Subtotal)		\$ 42,793.75	\$ 48,393.75	\$ 45,593.75	\$ 44,393.75	\$ 44,943.75	\$ 54,943.75
<b>CONSTRUCTION TOTAL</b>		\$ 513,525.00	\$ 580,725.00	\$ 547,125.00	\$ 532,725.00	\$ 539,325.00	\$ 659,325.00
<b>PROJECT TOTAL</b>		\$ 712,769.49	\$ 779,970.49	\$ 746,370.49	\$ 731,970.49	\$ 738,570.49	\$ 858,570.49
<b>MTF GRANT AWARD TOTAL</b>		\$ 750,000.00	\$ 750,000.00	\$ 750,000.00	\$ 750,000.00	\$ 750,000.00	\$ 750,000.00
<b>DIFFERENCE</b>		\$ (37,230.51)	\$ 29,970.49	\$ (3,629.51)	\$ (18,029.51)	\$ (11,429.51)	\$ 108,570.49
<b>BSSD GRANT CONTRIBUTION (30% of MTF Grant Award)</b>		\$ 213,830.85	\$ 254,970.49	\$ 223,911.15	\$ 219,591.15	\$ 221,571.15	\$ 333,570.49

Note: BSSD paid to date is \$195,260 from Cap Proj Fund

# **Pedestrian Safety Improvements Project Re-Bid**

- **Advertisement 1 – February 28, 2018**
- **Advertisement 2 – March 7, 2018**
- **Advertisement 3 – March 14, 2018**
- **Pre-bid Meeting – March 21, 2018 at 10:00 AM**
- **Bid Opening - April 5, 2018 at 2:00 PM**
- **Bid Award – April 16, 2018**
- **Notice to Proceed – May 31, 2018**
- **Project Completion – September 28, 2018**



# Indoor Air Quality Monitoring – Newville ES Project



Revised scope - 180215 - \$8,629

## **RE: Proactive IAQ and Quality Assurance Survey – Newville Elementary School**

Please provide a proposal, detailing goals and work tasks associated with performing Proactive Indoor Air Quality (IAQ) and Quality Assurance survey during six (6) month additions and renovations at the Newville Elementary School.

The IAQ consultant should propose to perform four (4) routine inspections and visual survey during construction milestones listed below. Background survey and testing in randomly selected areas throughout the building before construction would establish a baseline of environmental conditions that may be compared to environmental conditions during or after construction as deemed necessary. HVAC systems will be surveyed during and after construction. After commissioning/before occupancy propose to perform final quality assurance inspection and testing in all areas prior to occupancy. Testing will be performed in all areas of buildings, in construction areas as well as adjacent occupied areas to the construction. Each area will be tested for pollutants typically generated during construction activities.

### **PROJECT GOALS**

1. Identify causes and potential remedies for specific problems that may have a comfort or health effect on occupants.
2. Determine existing construction procedures and practices that may impact both indoor air quality and operational efficiency.
3. Recommend corrective action measures, based on inspections and test results that can be implemented to improve indoor air quality and building systems efficiency.
4. Recommend maintenance procedures and products that can improve indoor air quality and operational efficiency.

# 2018 Bond Rating Call

## S&P Global

S&P Global Ratings Management Meeting: Big Spring Sch Dist, PA  
Call Date: February 20<sup>th</sup>, 2018 11:00 am (EST)  
Dial-in: +1 (866) 420-6426 Passcode: 2337082#

Richard Kerr, Big Spring Business Manager

Brad Remig, PFM

Ken Phillips, RBC  
Allison Macchi, RBC  
Olivia Sweigart, RBC

Taylor Budrow, S&P Global

### Debt/Capital Needs

1. Please discuss the purpose and plan of financing for the series 2018 bonds.
2. Timing – rating and report
3. Describe any major capital needs that could require debt issuance in the next few years, including purpose and estimated amount.
4. Does the district have any direct purchase debt?
5. Aside from the 2 outstanding bank loans with F&M Trust, does the district have any other loans with a local bank or any other obligations placed privately?
6. Does the district have any variable rate debt or swap agreements?

### Economy

1. Please discuss any significant economic developments in the last year, or expected in the next year.
2. What have been the factors leading to the increasing assessed values in recent years?
3. What are your assessed value expectations for the next several years?
4. Discuss any pending, significant tax appeals, lawsuits/legal settlements, or any contingent liabilities that could significantly impact district's finances in the next year.

### Enrollment

1. What are the driving factors for the decreasing enrollment numbers in recent years?
2. What is driving that expected slight enrollment decrease in future years? (POS pg. B-5)
3. How do you project enrollment projects? Any outside sources?
4. Does the district have any pressured from charter or cyber schools?

## S&P Global

### Finances

1. In 2016, what led to the \$780k operating surplus?
  - a. Any significant one-time revenues or expenditures throughout the year?
2. In 2017, what led to the \$284k operating surplus?
  - a. Any significant one time revenue or expenditure assumptions?
3. What does the district expect to report for fiscal 2018? In line with the budgeted \$180k deficit?
  - a. How have healthcare costs been through the year?
4. Can the capital reserve fund be used for debt service payments?
5. When are teacher contracts up?
6. Are there currently any plans in the future to draw down available reserves?
7. Any plans to decrease the balance committed for PSERS increases?

### Financial Management Assessment

1. Revenue/Expenditure Assumptions for Annual Budgeting-same
  - a. How many years of history do you use when forecasting trends?
  - b. What outside sources of information do you use or consult? Or is it all done in house?
  - c. What methodology do you use for budgeting (line item, zero base, etc)?
2. Budget Amendments & Updates
  - a. How many times per year do you provide the board with budget-to-actual reports? Please provide most recent report.
  - b. In case of an emergency, how quickly could an amendment to the budget be made?
  - c. **Please provide a copy of most recent budget to actual**
3. Long-Term Financial Planning
  - a. Is any type of multiple-year financial forecasting utilized? Or is it just the budget year?
  - b. How frequently are these projections updated?
  - c. **Provide a copy of projections.**
4. Long-Term Capital Planning
  - a. Is a written, multiple-year capital improvement plan maintained? If so how many years does the plan look forward?
  - b. If so, how frequently is the plan updated?
  - c. **Provide a copy of the plan.**
5. Investment Management Policies
  - a. Is there a formally approved investment management policy, or are the state guidelines simply followed when making investments?
  - b. How often are investments and holdings reported to the board?
  - c. **Provide a copy of the policy and most recent report.**
6. Debt Management Policies