

**Facilities Meeting
Thursday, May 17, 2018**

7:00 PM – ROOM 200 - TEAO

AGENDA

- I. Public Comment**
- II. Approval of Minutes - April 17, 2018**
- III. Construction Report**
- IV. Discussion and Update Items**
 - a. Roof Replacement at TEMS and BES - Bid Results**
 - b. Conestoga High School Room and Space Utilization**
 - c. Conestoga High School Parking**
 - d. CCTV Security Camera Project - Peter Heverin, TeraNet**
 - e. Capital Source and Uses Report**
 - f. Other**
- V. Future Facilities Committee Meeting
TBD**
- VI. Adjournment**

2018 Committee Goals

1. Monitor student enrollment, township reports, District programs and existing school facilities.
2. Review and update the District Infrastructure Report.
3. Use Goals #1 and #2 to ensure District facilities meet the needs of students, staff and Administration.
4. Develop, review, and prioritize the facilities projects for summer 2018.
5. Monitor, review and determine impact of District-wide parking and traffic study for CHS, TEMS, VFMS and VFES.
6. Monitor, review and determine impact of District-wide Security Engineering Study.
7. Monitor, review and determine impact of Air Conditioning Study at Elementary and Middle Schools.
8. Work in conjunction with the Finance Committee to maintain funding of the capital improvement plan.

Facilities Committee Meeting Minutes
April 17, 2018
Room 200 – Tredyffrin/Easttown Administration Office
7:00 p.m.

Attending all or part of the meeting:

- Board Committee Members: Michele Burger, Chair, Todd Kantorczyk, Edward Sweeney, Dr. Roberta Hotinski
- Other Board Members: Rev. Scott Dorsey, Heather Ward, Tina Whitlow
- T/E School District Representatives: Dr. Richard Gusick, Art McDonnell, David Francella, Colm Kelly
- Other: Matt Heckendorn and David Farabaugh from Heckendorn Shiles Architects
- Community Members: Ray Clarke, Christine Wright, Cindy Verguldi, Peg Layden

Approval of the Minutes:

- The Committee approved the minutes from the March 13, 2018 meeting.

Gift to School – Valley Forge Elementary PTO:

- VFES PTO officers Heather McConnell and Brookie White presented a proposal to build a garden at VFES. The cost is estimated to be \$3,000, raised through sponsorships. The Committee thanked Mrs. McConnell and Mrs. White and approved their gift and encouraged them to return to a future meeting after it is completed with an update.

Construction Report:

- Mrs. Burger reviewed the timeline for the upcoming projects for 2018.

Renovations and Upgrades at CHS and VFES – Bid Results:

- Mr. Farabaugh reviewed the bid results for the Renovations and Upgrades at CHS and VFES project which in total came to \$791,601 which is about \$490,000 under the pre-bid construction estimate. The Facilities Committee approved the Renovations and Upgrades at CHS and VFES project bids as presented and directed it be placed on the consent agenda at the next Board meeting.
- Once approved, HSA will prepare a deduct change order to remove the faculty bathroom renovations from the scope of the project.

HES Site/Parking Improvements – Bid Results:

- Mr. Heckendorn reviewed the bid results for the HES Site/Parking Improvements project which in total for the base bid and alternate #4 came to \$1,189,000 which is about \$427,000 over the pre-bid construction estimate. The Facilities Committee approved the HES Site/Parking Improvements project bids as presented and directed it be placed on the other actions under consideration section of the agenda at the next Board meeting.

Public Comment:

- Ray Clarke commented on the Renovations and Upgrades at CHS and VFES project and the HES Site/Parking Improvements project.
- Cindy Verguldi commented on the HES Site/Parking Improvements project

Future Meeting Dates:

- Thursday, May 17, 2018 at 7:00 PM at the TEAO.

Adjournment:

- The meeting adjourned at approximately 8:49 p.m.

Facilities Committee Meeting
Construction Report
May 17, 2018

2018 Construction Projects:

1. Project #1503 –Renovations, Replacements & Upgrades at Valley Forge Middle School
 - Issue for Bid October 26, 2017
 - Bids Received November 21, 2017
 - Committee Reviewed December 5, 2017
 - Board Approved January 22, 2018
 - Scheduled Boiler Room Start (2nd Shift): May 14, 2018
 - Scheduled Overall Construction Start: June 20, 2018
 - Scheduled Completion: August 14, 2018
 - Scheduled Boiler Room Completion (2nd Shift After 8-17-18): September 14, 2018

2. Project #1 –Hillside Elementary School Site/Parking Improvements
 - Issued for Bid March 6, 2018
 - Bids Received April 9, 2018
 - Committee Reviewed April 17, 2018
 - Board Did Not Approve Project April 23, 2018
 - **Project Will Not Proceed**

3. Project #2 –Renovations and Upgrades at Conestoga High School and Valley Forge Elementary
 - Issued for Bid March 2, 2018
 - Bids Received April 9, 2018
 - Committee Review April 17, 2018
 - Board Approved April 23, 2018
 - Scheduled Construction Start: June 20, 2018
 - Scheduled Completion: August 14, 2018

4. Project #3 –Roof Top Units Replacement and Upgrades
 - Issued for Bid January 26, 2018
 - Bids Received March 5, 2018
 - Committee Reviewed March 13, 2018
 - Board Approved March 19, 2018
 - Scheduled Construction Start: June 20, 2018
 - Scheduled Completion: August 14, 2018



ARMM ASSOCIATES, INC.

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May 16, 2018

VIA EMAIL kellyc@tesd.net

Colm Kelly, Maintenance Supervisor
 Tredyffrin Easttown School District
 920 Old Lancaster Road
 Berwyn, PA 19312

**Re: Bid Evaluation Report - 2018 Roof Replacement Project
 Tredyffrin-Easttown Middle School Roof Areas O and P**

Dear Mr. Kelly:

As you are aware, bids were received by the Tredyffrin Easttown School District on Friday, April 27, 2018 at 3:00pm for the roof replacement project at the **Tredyffrin-Easttown Middle School – Roof Areas O and P which encompasses approximately 3,650 square feet**. Out of the eleven (11) contractors that obtained plans and specifications, a total of six (6) bids were submitted ranging from a low base bid of \$71,000.00 to a high of \$118,146.00. Attached to this correspondence is the bid tabulation sheet listing all contractors' submitted base bids, alternate and unit prices. The three apparent low bidders, their submitted base bids and alternate add prices are as follows:

Contractor	Base Bid	Alternate Add #1 (Masonry Repairs)	Base Bid + Alternate #1
Pro Com Roofing Warrington PA	\$71,000.00	+\$45,000.00	\$116,000.00
Detwiler Roofing New Holland, PA	\$88,000.00	+\$30,000.00	\$118,000.00
Garvey Roark LLC West Chester PA	\$92,551.00	+\$40,000.00	\$132,551.00

Base Bid Analysis:

Pro Com Roofing is the apparent low bidder in the amount of \$71,000.00. On Monday, May 14, 2018, I reached out to Bob Harrington of Pro Com for the purposes of discussing the project scope of work in depth and to confirm that their bid was all inclusive. Mr. Harrington stated that he has already reviewed and double-checked his bid figures and indicated that they were in fact inclusive. He also stated that Pro Com Roofing is prepared to contract with the Tredyffrin-Easttown School District for his base bid figure of **\$71,000.00**. I requested that Pro Com Roofing confirm our conversation in writing.

During my telephone conversation with Pro Com Roofing, Bob Harrington did inquire about liquidated damages as they would pertain to the start date. As you may recall, the bid documents state that the contractor must start no later than June 25, 2018 with a \$500.00 per day damage figure if they fail to do so. I explained to Mr. Harrington that the completion date of August 10, 2018 was of the utmost importance and that ARMM would be willing to waive liquidated damage figure if the contractor starts a week later but not if they go past the completion date. Mr. Harrington stated that in all likelihood Pro

Com Roofing would like to have all roof removals and replacements 100% complete by June 29, 2018 as they have large school district projects that are scheduled to start on July 2, 2018. Furthermore, Mr. Harrington stated that after the new roof system is installed and made watertight, their detail crew will return to the site at a later date to install coping, metal, etc. with all work 100% complete to include punch-list no later than August 1st 2018.

Pro Com Roofing has successfully bid and been award a few projects designed and monitored by ARMM Associates, Inc. in the past to include the **2011 roof replacement at the New Eagle Elementary School** for the Tredyffrin Easttown School District. The onsite monitor and his supervisor employed by ARMM to oversee the work in 2011 by Pro Com are still actively working for our firm. I spoke direct with them to inquire about Pro Com. The onsite monitor (Gerry Martin) stated to his recollection, there were no issues with Pro Com Roofing's workforce or workmanship. I also pulled our file records from 2011 and discovered that not only were there no issues during construction, but, more importantly, the final inspection conducted by ARMM on August 31, 2011 revealed just a few very minor punch-list items. In short, all work completed by Pro Com at the New Eagle Elementary School in 2011 was done in a good workmanlike manner with the completion of same prior to the established completion date.

ARMM also contacted several membrane manufacturers to include Carlisle, Firestone and GAF. Representatives I spoke with added positive comments about Pro Com Roofing.

Bid Proposal Documents:

The following mandatory bid documents were to be included within each contractor's proposals.

- a. Bid Bond.
- b. Non-Collusion Affidavit.
- c. Contractor's Qualification Statement. AIA A305

ARMM has reviewed a copy of the bid package from Pro Com Roofing and found that all the above prerequisites for bid were present.

Alternate Price #1 – Masonry:

ARMM requested an alternate add price to provide restoration work on wall surfaces above roof areas in contract (Areas O and P). The work identified by ARMM would include removal of existing deteriorated sections to facilitate the installation of new through-wall flashing with the replacement of brick masonry units to match existing. The size of the deteriorated / replacement through-wall flashing is **+/- 105 linear feet**.

In addition to masonry through-wall flashing replacement, ARMM further identified deteriorated masonry control joints that require replacement as well as brick sections that require new control joints. The scope of work would include replacement of existing by cutting out the deteriorated control joints at the rising wall above Roof Areas O and P with the subsequent replacement of same. The approximate size of the work for new control joints is **+/- 20 linear feet**; and the approximate size of existing deteriorated control joint replacement is **+/- 36 linear feet**.

Pro Com Roofing's price for the work described above was \$45,000.00; which when added to their base bid equates to a sum of \$116,000.00.

On Monday, May 14, 2018, ARMM's lead Project Designer, Greg Florio, RRC, spoke Colm Kelly of the T/E School District for the purposes of reviewing this alternate. After an in-depth conversation, it is

Tredyffrin Easttown School District
Colm Kelly, Maintenance Supervisor

May 16, 2018
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ARMM's understanding that the T/E School District does not wish to award the alternate masonry work with this contract.

Unit Prices:

It is important to note that a unit price figure was also requested within the proposal in order to establish pricing for potential hidden deteriorated wood blocking (Unit Price #1) on a per foot basis. Pro Com Roofing provided a cost of **\$4.75 per foot** which ARMM feels is appropriate for this work.

Unit Price #2 addresses deteriorated joints within the masonry brick wall and requested a price on a per linear foot basis. Pro Com's Unit Price figure is \$125.00 per foot.

Conclusion:

The 2018 Roof Replacement at the T/E Middle School encompasses a total of approximately 3,650 square feet. Pro Com Roofing's base bid submitted equates to a **per square foot price of \$19.46**. Estimated roof replacement costs for public projects are *averaging* between \$18.00 and \$22.00 per square foot. However, due to the small size of this particular project, construction figures typically range slightly higher which is the reasoning behind ARMM's initial estimated budget of \$26.00 per square foot.

Based on the foregoing, it is our opinion that the Tredyffrin / Easttown School District received an excellent price for the work involved at the T/E Middle School. Therefore, ARMM feels that it is in the best interest of the School District to consider award of the **2018 Roof Replacement at Areas O and P to Pro Com Roofing in the amount of \$71,000.00**.

Upon confirmation of approval by the Board of the recommended award, ARMM shall prepare formal AIA Document A101 Standard Form of Agreement between the Tredyffrin-Easttown School District and Pro Com Roofing modified to meet the conditions of the project and contract figures.

If you have any questions or require additional information, please do not hesitate to call.

Sincerely,



Susan R. Guida
Vice President / Project Manager

\srg

Enclosures: Bid Tabulation Sheet

Roof Replacement at Tredyffrin/Easttown Middle School
GENERAL CONSTRUCTION CONTRACT
BID ANALYSIS 2018-2019

DATE OF BOARD MEETING: 5/21/2018
 DATE OF BID OPENING: 4/27/2018
 REVIEWED BY: ARMM Associates, Inc., Maintenance and Purchasing Departments

PART I: BIDS RECEIVED

	TOTAL BASE BID	ADD ALT #1 MASONRY RESTORATION	TOTAL BASE BID PLUS ALT #1	UNIT PRICE #1 WOOD BLOCKING PER BOARD FT.
1. Pro Com Roofing Corporation	\$71,000.00	\$45,000.00	\$116,000.00	\$4.75
2. Detwiler Roofing	\$88,000.00	\$30,000.00	\$118,000.00	\$5.00
3. Garvy Roark, LLC	\$92,551.00	\$40,000.00	\$132,551.00	\$5.00
4. Premier Roofing Services, LLC	\$107,490.00	\$30,450.00	\$137,940.00	\$8.00
5. Munn Roofing Corp.	\$99,400.00	\$48,000.00	\$147,400.00	\$12.00
6. D. A. Nolt, Inc.	\$118,146.00	\$33,730.00	\$151,876.00	\$6.50

PART II: RECOMMENDED AWARD TO LOWEST BIDDER

1. Pro Com Roofing Corporation	\$71,000.00			\$4.75
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ARMM ASSOCIATES, INC.

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May 16, 2018

VIA EMAIL kellyc@tesd.net

Colm Kelly, Maintenance Supervisor
 Tredyffrin Easttown School District
 920 Old Lancaster Road
 Berwyn, PA 19312

**Re: Bid Evaluation Report - 2018 Roof Replacement Project
 Beaumont Elementary School Roof Areas C, D, K, K1, K2, K3 and L**

Dear Mr. Kelly:

As you are aware, bids were received by the Tredyffrin Easttown School District on Friday, April 27, 2018 at 3:00pm for the roof replacement project at the **Beaumont Elementary School – Roof Areas C, D, K, K1, K2, K3 and L which encompasses +/- 11,840 square feet.** Out of the eleven (11) contractors that obtained plans and specifications, a total of six (6) bids were submitted ranging from \$71,000.00 to \$138,897.00. Attached to this correspondence is the bid tabulation sheet listing all contractors' submitted base bids and unit prices. The three apparent low bidders and their submitted base bids are as follows:

- | | | |
|----|--|-------------|
| 1. | Detwiler Roofing, New Holland PA | \$71,000.00 |
| 2. | Padovani Roofing, Neshanic Station, NJ | \$86,450.00 |
| 3. | Munn Roofing Corp., Hatfield, PA | \$93,800.00 |

Detwiler Roofing is the apparent low bidder in the amount of \$71,000.00. On Saturday, May 12, 2018, I reached out to Detwiler Roofing for the purposes of discussing the project scope of work in depth and to confirm that their bid was all inclusive. Titus Detwiler stated that he has toured the project site and has a thorough knowledge of the intended scope requirements, as well as allowable working hours and time for completion. He further indicated that his bid figures are all inclusive and he is prepared to contract with the Tredyffrin-Easttown School District for his base bid figure of **\$71,000.00**. I requested Mr. Detwiler confirm our conversation in writing.

Unfortunately, ARMM Associates, Inc. has never worked with Detwiler Roofing and, therefore, cannot offer a personal opinion of their work. However, ARMM did obtain a past project list from Mr. Detwiler for the purposes of obtaining references on similar projects which ARMM found to be impressive. ARMM contacted six (6) firms and received glowing references from each individual. In one particular case, the individual ARMM spoke with, Kyle Viselmeyer, stated that the roof replacement project Detwiler performed under his direction was for Riverside Cottage Housing Authority. Detwiler Roofing not only finished the project on time but without requests for additional work / change orders. Mr. Viselmeyer also stated that their workmen were always professional and the worksite was clean and organized.

Bid Proposal Documents:

The following mandatory bid documents were to be included within each contractor's proposals.

- a. Bid Bond.
- b. Non-Collusion Affidavit.
- c. Contractor's Qualification Statement. AIA A305

ARMM has reviewed a copy of the bid package from Detwiler Roofing and found that all the above prerequisites for bid were present.

Unit Prices:

It is important to note that unit price figures were also requested within the proposal in order to establish pricing for potential hidden deteriorated wood blocking and plywood sheathing (roof deck).

Unit Price #1 is to establish pricing for deteriorated wood blocking and/or framing outside of what is detailed. Detwiler Roofing submitted a cost of \$5.00 per foot.

Unit Price #2 is to establish pricing for deteriorated plywood deck replacement. Detwiler Roofing submitted a cost of \$4.00 per 4' x 8' section of new plywood.

Although the T/E School District is not required to accept unit prices in conjunction with the base bid, the unit price figures submitted by Detwiler Roofing are within an acceptable range for said work.

Conclusion:

The 2018 Roof Replacement at the Beaumont Elementary School encompasses a total of +/- 11,840 square feet. Detwiler Roofing's bid equates to a per square foot price of approximately \$6.00.

Estimated shingle roof replacement costs for public projects are *averaging* between \$7.50 and \$11.00 per square foot. ARMM's in-house project estimate for the work involved at the Beaumont Elementary School was +/- \$9.00 per square foot.

As stated above, ARMM asked the owner of Detwiler Roofing to thoroughly review his facts and figures to assure that no mistakes were made during the calculation of same. Mr. Detwiler stated that he confirmed his numbers were accurate, all inclusive and that he bid this project very competitively to get the job.

Based on the foregoing, it is ARMM Architecture Associates, Inc.'s opinion that the Tredyffrin / Easttown School District received an excellent price for the work involved. Therefore, ARMM feels that it is in the best interest of the School District to consider award of the 2018 Roof Replacement at **Beaumont Elementary School - Roof Areas C, D, K, K1, K2, K3 and L** to Detwiler Roofing for their base bid of **\$71,000.00** along with Unit Price Numbers 1 and 2.

Upon confirmation of approval by the Board of the recommended award, ARMM shall prepare formal AIA Document A101 Standard Form of Agreement between the Tredyffrin-Easttown School District and Detwiler Roofing modified to meet the conditions of the project and contract figures.

Tredyffrin Easttown School District
Colm Kelly, Maintenance Supervisor

May 16, 2018
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If you have any questions or require additional information, please do not hesitate to call.

Sincerely,



Susan R. Guida
Vice President / Project Manager

\srg

Enclosures: Bid Tabulation Sheet
Email from Detwiler Roofing

cc: Fred Gordon, T/E School District

Roof Replacement at Beaumont Elementary School
GENERAL CONSTRUCTION CONTRACT
BID ANALYSIS 2018-2019

DATE OF BOARD MEETING: 5/21/2018
DATE OF BID OPENING: 4/27/2018
REVIEWED BY: ARMM Associates, Inc., Maintenance and Purchasing Departments

PART I: BIDS RECEIVED

	TOTAL BASE BID	UNIT PRICE	
		WOOD BLOCKING & FRAMING PER BOARD FT.	DECKING PLYWOOD SHEATHING PER 32 SQ. FT. AREA
1. Detwiler Roofing	\$71,000.00	\$5.00	\$4.00
2. Quality Roof Cleaning d/b/a Padovani Roofing & Construction	\$86,450.00	\$22.00	\$480.00
3. Munn Roofing Corp.	\$93,800.00	\$12.00	\$200.00
4. Garvy Roark, LLC	\$109,662.00	\$5.00	\$128.00
5. Premier Roofing Services, LLC	\$118,467.00	\$8.00	\$200.00
6. D. A. Nolt, Inc.	\$138,897.00	\$6.50	\$225.00

PART II: RECOMMENDED AWARD TO LOWEST BIDDER

1. Detwiler Roofing	\$71,000.00	\$5.00	\$4.00
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Conestoga Current Backdrop

- Access, Options and Choice
- Maximization of Current Footprint
- Enrollment Projections Increasing

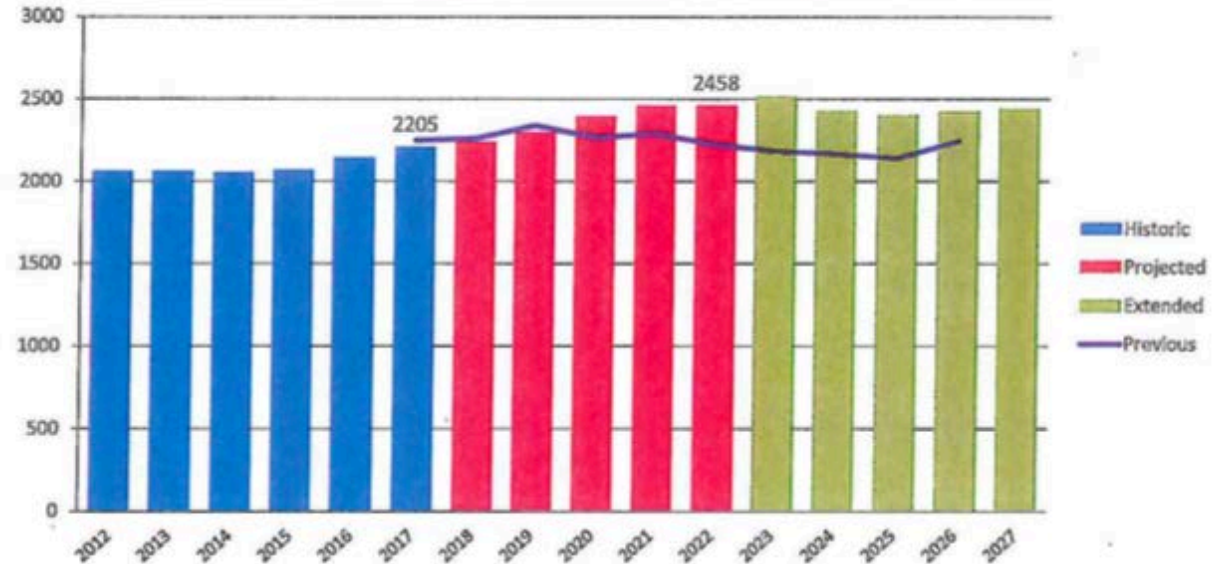


Current and Future Enrollment

Tredyffrin-Easttown School District
High School Grade 9-12 Enrollments
35 Students from new housing

		9	10	11	12	Gr 9-12 TOTAL	Period Average	Period Change
Historic	2012	523	501	515	521	2,060		
	2013	501	527	510	522	2,060		
	2014	531	506	507	507	2,051		
	2015	511	550	500	505	2,066	2097	
	2016	563	523	554	501	2,141		
	2017	552	570	529	554	2,205		145 7.0%
Projected	2018	566	566	572	534	2,237		
	2019	569	580	568	577	2,295	2367	
	2020	662	580	579	570	2,391		
	2021	624	674	579	580	2,456		
	2022	571	636	672	579	2,458		253 11.3%
Extended	2023	624	582	634	673	2,512		
	2024	576	635	580	635	2,426		
	2025	600	586	634	581	2,401	2440	
	2026	593	611	585	634	2,423		
	2027	639	603	609	585	2,438		-20 -0.8%

Conestoga High School Grade 9-12 Enrollments



Sundance Associates, 2007



Room Classification

- Regular Classrooms – A general instruction room that can host courses not requiring specialization.
- Special Classrooms – A room that is designated to host a specialized course. Categories include: Science Labs, FCS Rooms, Art Rooms, Music, Business/Tech Rooms.
- Small Rooms - Less than 15 students assigned (Special Education, Keystone Remediation, Yearbook, Spoke, Conference Rooms).
- Common Areas- Library, Cafeteria, Auditorium, Gyms, Hallways, Parking



Room Classification and Numbers

2017-2018

- Regular Classrooms - 70
- Special Classrooms - 33
- Small Rooms - 9

2018-2019

- Regular Classrooms - 73
- Special Classrooms - 33
- Small Rooms - 9



The Model – Current Year

		2017 - 2018			
Enrollment		Actual 2205			
		Avail Rooms	Avail Pds	Pds Used	% utilized
Regular Classrooms		70	560	511	91%
Special Classrooms		33	264	229	87%
<i>Science Labs</i>		18	144	133	92%
<i>FCS Rooms</i>		3	24	20	83%
<i>Art Rooms</i>		6	48	39	81%
<i>Music</i>		3	24	16	67%
<i>BT Room</i>		3	24	21	88%
Small Rooms		9	72	63	88%
Total		112	896	803	90%
		Avail Rooms	Avail Pds	Pds Used	% utilized
Study Hall		70	560	34	6%
Reg Classroom w/ SH		70	560	545	97%
Total RM Use		112	896	837	93%

Enrollment

Avail Rooms – Rooms available to schedule

% Utilized - Pds Used/Avail Pds

Pds Used – Periods utilized

Avail Periods – Total periods available to schedule



The Model-Future Years

		2018 - 2019			
Enrollment		Projected		2237	
		Avail Rooms	Avail Pds	Pds Used	% utilized
Regular Classrooms		73	584	518	89%
Special Classrooms		33	264	232	88%
<i>Science Labs</i>		18	144	135	94%
<i>FCS Rooms</i>		3	24	20	84%
<i>Art Rooms</i>		6	48	39	82%
<i>Music</i>		3	24	16	68%
<i>BT Room</i>		3	24	21	89%
Small Rooms		9	72	64	89%
Total		115	920	815	89%
		Avail Rooms	Avail Pds	Pds Used	% Utilized
Study Hall		73	584	34	6%
Reg Classroom w/ SH		73	584	552	95%
Total RM Use		115	920	849	92%



	< 90 %
	90% - 95%
	96% - 99%
	100% - >

- Green** – Can Schedule
- Yellow** – Can schedule with low impact
- Orange** – Restrictions to educational program
- Red** - Cannot fully schedule with current parameters



Years 2017 – 2021

Enrollment	2017 - 2018				2018 - 2019				2019 - 2020				2020 - 2021			
	Actual 2205				Projected		2237		Projected		2295		Projected		2391	
	Avail Rooms	Avail Pds	Pds Used	% utilized	Avail Rooms	Avail Pds	Pds Used	% utilized	Avail Rooms	Avail Pds	Pds Used	% utilized	Avail Rooms	Avail Pds	Pds Used	% utilized
Regular Classrooms	70	560	511	91%	73	584	518	89%	73	584	532	91%	73	584	554	95%
Special Classrooms	33	264	229	87%	33	264	232	88%	33	264	238	90%	33	264	248	94%
<i>Science Labs</i>	18	144	133	92%	18	144	135	94%	18	144	138	96%	18	144	144	100%
<i>FCS Rooms</i>	3	24	20	83%	3	24	20	84%	3	24	21	86%	3	24	22	90%
<i>Art Rooms</i>	6	48	39	81%	6	48	39	82%	6	48	40	84%	6	48	42	88%
<i>Music</i>	3	24	16	67%	3	24	16	68%	3	24	17	69%	3	24	17	72%
<i>BT Room</i>	3	24	21	88%	3	24	21	89%	3	24	22	91%	3	24	23	95%
Small Rooms	9	72	63	88%	9	72	64	89%	9	72	66	92%	9	72	69	96%
Total	112	896	803	90%	115	920	815	89%	115	920	836	91%	115	920	871	95%
	Avail Rooms	Avail Pds	Pds Used	% utilized	Avail Rooms	Avail Pds	Pds Used	% Utilized	Avail Rooms	Avail Pds	Pds Used	% Utilized	Avail Room	Avail Pds	Pds Used	% Utilized
Study Hall	70	560	34	6%	73	584	34	6%	73	584	34	6%	73	584	34	6%
Reg Classroom w/ SH	70	560	545	97%	73	584	552	95%	73	584	566	97%	73	584	588	101%
Total RM Use	112	896	837	93%	115	920	849	92%	115	920	870	95%	115	920	905	98%



Years 2021-2024

Enrollment	2021 - 2022				2022 - 2023				2023-2024			
	Projected		2456		Projected		2458		Projected		2512	
	Avail Rooms	Avail Pds	Pds Used	% utilized	Avail Rooms	Avail Pds	Pds Used	% utilized	Avail Rooms	Avail Pds	Pds Used	% utilized
Regular Classrooms	73	584	569	97%	73	584	569	97%	73	584	582	100%
Special Classrooms	33	264	255	97%	33	264	255	97%	33	264	261	99%
<i>Science Labs</i>	18	144	148	103%	18	144	148	103%	18	144	151	105%
<i>FCS Rooms</i>	3	24	22	92%	3	24	22	92%	3	24	23	95%
<i>Art Rooms</i>	6	48	43	90%	6	48	43	90%	6	48	44	92%
<i>Music</i>	3	24	18	74%	3	24	18	74%	3	24	18	76%
<i>BT Room</i>	3	24	23	98%	3	24	23	98%	3	24	24	100%
Small Rooms	9	72	71	98%	9	72	71	98%	9	72	72	100%
Total	115	920	894	97%	115	920	895	97%	115	920	915	99%
	Avail Rooms	Avail Pds	Pds Used	% Utilized	Avail Rooms	Avail Pds	Pds Used	% Utilized	Avail Rooms	Avail Pds	Pds Used	% Utilized
Study Hall	73	584	34	6%	73	584	34	6%	73	584	34	6%
Reg Classroom w/ SH	73	584	603	103%	73	584	603	103%	73	584	616	105%
Total RM Use	115	920	928	101%	115	920	929	101%	115	920	949	103%

Common Areas

- Gyms

Common Areas	2017 - 2018				2018 - 2019				2019-2020				2020-2021			
	Avail Room	Avail Pds	Pds Used	% utilized	Avail Room	Avail Pds	Pds Used	% Utilized	Avail Room	Avail Pds	Pds Used	% Utilized	Avail Room	Avail Pds	Pds Used	% Utilized
Gyms	2	16	11	69%	2	16	12	75%	2	16	12	75%	2	16	13	81%

Common Areas	2021-2022				2022-2023				2023-2024			
	Avail Room	Avail Pds	Pds Used	% Utilize	Avail Room	Avail Pds	Pds Used	% Utilize	Avail Room	Avail Pds	Pds Used	% Utilized
Gyms	2	16	14	88%	2	16	14	88%	2	16	15	94%

- Parking

Parking	2016		2017-2018		2018-2019		2019-2020		2020-2021	
	Permits Sold	% usage	Permits Sol	%Usage	Permits Sold	% Usage	Permits Sold	% Usage	Permits Sold	% Usage
265 Student Spots	345	130%	371	140%	315	123%	315	123%	315	123%

Parking	2021-2022		2022-2023		2023-2024	
	Permits Sold	% Usage	Permits Sold	% Usage	Permits Sold	% Usage
265 Student Spots	315	123%	315	123%	315	123%

- Library
- Cafeteria
- Hallways
- Auditorium



Options for Consideration

1. Modifications to Educational Program
 - Offer fewer classes
 - More students in existing classes
2. Construction Projects
3. Grade Realignment





Considerations for Conestoga High School

Presented to TESD Facilities
Committee

May 2018

What are Possible Actions Moving Forward?

- Build a New School
- Grade Level Realignment and Construction
- Expand Current Facilities

Build a New School

*Add a 2nd High
School*

- Most significant cost option
- New school designed to meet needs of T/E students
- 3+ year timeline
- Would require additional land
- Could accommodate more growth at CHS than projected at this time
- Overall population of each high school would be smaller
- Challenging to implement same program
- Could affect ability to deliver current education options

Grade Level
Realignment and
Construction
*Grades 8 & 9 at TEMS
Grades 5, 6 & 7 at
VFMS with some
additional construction
to accommodate
change*

- Would involve some significant cost
- Minimal 3 year timeline
- Could accommodate more growth at CHS than projected at this time
- 9th grade students lose current access to high school programs and activities
- Adds an extra transition
- Both secondary schools would bus Districtwide
- Transcript questions

Grade Level Realignment and Construction *9th grade Center*

- Would involve significant cost
- 3+ year timeline
- Would require additional land
- Could accommodate more growth at CHS than projected at this time
- 9th grade students lose current access to high school programs and activities
- Opportunity to create a school designed specifically for 9th graders
- Adds an extra transition
- Students leave school after one year
- High School and 9th grade Center would bus Districtwide
- Transcript questions

Grade Level
Realignment
and
Construction
6-9 Middle Schools
5th grade Center

- Would involve significant cost
- 3+ year timeline
- Would require additional land
- Could accommodate more growth at CHS than projected at this time
- 9th grade students lose current access to high school programs and activities
- Opportunity to create a school designed specifically for 5th graders
- Adds an extra transition
- Students leave school after one year
- High School and 5th grade Center would bus Districtwide
- Transcript questions

Grade Level Realignment and

Construction

6-9 Middle Schools

*6 (or more) Elementary
Schools*

- Would involve significant cost
- 3+ year timeline
- Would require additional land
- Could accommodate more growth at CHS than projected at this time
- 9th grade students lose access to high school programs and activities
- 5th grade students in elementary school
- Transcript questions

Expand Current Facilities

*Consider the
possibility of further
additions to
Conestoga*

- Would involve some significant cost
- 2+ year timeline
- Would not affect ability to deliver current educational program
- Could allow for enhancement to current educational program
- No redistricting of students
- No additional transitions
- Entire high school population attends one school, supporting Access, Options and Choice for students in grades 9-12



CCTV Security Camera Upgrades & Enhancements

Schedules & Project Costs



May 2018



Project Costs: *By Building & Phase*

PHASE 1:	New IP PTZ Cameras	New Fixed IP Cameras	New 360/180 IP Cameras	Existing IP Cameras to Integrate	Total Cameras	Existing/New CCTV Workstations		VMS Server Storage	Budgeted Cost
Conestoga HS	17	158	24	22	221	11	(E)	144	TB
Network Ops	0	14	1	0	15	1	(N)	18	TB
					236	12		162	
									\$ 866,262

PHASE 2:									
TEMS	6	61	20	0	87	5	(E)	72	TB
Valley Forge MS	5	72	19	0	96	5	(E)	72	TB
Administration	0	13	2	0	15	1	(N)	12	TB
Maintenance	0	4	6	0	10	1	(N)	10	TB
					208	12		166	
									\$ 722,491

PHASE 3:									
Beaumont ES	7	55	11	0	73	2	(E)	56	TB
Devon ES	5	35	7	0	47	2	(E)	40	TB
Hillside ES	4	55	9	0	68	2	(E)	48	TB
New Eagle ES	4	41	7	0	52	2	(E)	40	TB
Valley Forge ES	7	37	8	0	52	2	(E)	40	TB
					292	10		224	
									\$ 976,130

Totals					736	34		552	TB	\$ 2,564,883
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Project Costs: Phase 1

TESD CCTV Project Estimated Costs: Base Bid and Alternates

Phase I: Conestoga HS and the NOC

<i>Item</i>	<i>Description</i>	<i>Sub-Total</i>
Base Bid	Replace & Upgrade Existing CCTV System to an IP-Based System	\$ 519,754
Alternate #1	Add Perimeter Doors not already covered by existing system	42,288
Alternate #2	Add Inter-Hall Security Cameras (<i>Facial recognition</i>)	78,572
Alternate #3	Add Interior Security Cameras	50,573
Alternate #4	Add Outdoor Building & Perimeter Security Cameras	27,629
Alternate #5	Add Remote Parking Lots and Recreational Areas	54,499
Alternate #6	Add Teamer Field: Entry, Concessions & Equipment Areas	30,287
Alternate #7	Add Teamer Field: Stands & Fields, Teamer & Middle School Fields	62,660
Total of Base Bid and all Alternates		<u>\$ 866,262</u>

Total Alternates \$ 346,508

Project Costs: *By Building & Phase*

<u>Project Estimated Costs</u>	<u>Base Bid Costs</u>	<u>Alternate Cost</u>	<u>Budgeted Cost</u>
PHASE 1:	\$ 519,754	\$ 346,508	\$ 866,262
PHASE 2:	433,495	288,996	722,491
PHASE 3:	585,678	390,452	976,130
Total Project Estimated Costs	<u>\$ 1,538,927</u>	<u>\$ 1,025,956</u>	<u>\$ 2,564,883</u>

The Budgeted Cost is the all-in estimated cost that includes bid specifications preparation, construction, contingency, and associated fees and permits. The buildings included in the three phases are shown on slide 2.

The Base Bid cost is the amount of the Budgeted Cost related to replacing the existing camera system in Conestoga High School and adding cameras and required servers in the Network Operations Center (NOC).

The Alternate Costs are the total cost of the various bid alternates as shown on the previous slide. The Phase 2 & 3 Alternate costs are based on estimates only.

Project Timeframes: *Phase Timeframes & Milestone Schedule*

Project Timeframe

- Phase I August 2018 to September 2019
- Phase II August 2019 to September 2020
- Phase III August 2020 to September 2021

Phase I, II & III Project Schedule

August 2018 to January 2019:	Design Phase - 90% Complete
January 2019 to February 2019:	School District Review
March 2019 to April 2019:	Design Phase Complete - Bid Specifications Ready for Release
April 2019 to May 2019:	Public Bid Process
May 2019 to June 2019:	Bid Review and Submittals
June 2019 to September 2019:	Project Installation & Completion
June 2020 to September 2020:	Project Installation & Completion
June 2021 to September 2021:	Project Installation & Completion

Recommendations:

- Design and Bid for all three phases of the project at one time
- “Economies of Scale” - bidding all three phases at one time provides savings opportunities of as much as 30% of the total cost

	<u>Base Bid Costs</u>	<u>Alternate Costs</u>	<u>Budgeted Costs</u>
Projected Competitive Bid Costs	<u>\$ 1,154,197</u>	<u>\$ 769,465</u>	<u>\$ 1,923,662</u>

- Release the “Notice to Proceed” for each phase according to the Project Timeframe



TREDYFFRIN-EASTOWN SCHOOL DISTRICT
CCTV Security Project • Consulting Services

The updated fee schedule is part of the Facilities Committee presentation to provide a complete picture of the entire estimated project costs. The fees are based on the K-TecK proposal dated January, 2017. The fees shown below should be considered to be a “Not-To-Exceed” amount for the project. A more detailed scope of work will be provided if the District wishes to move forward with the project.

Updated Fee Schedule

The additional project fees for the design, engineering and project management for Phases I, II & III of the CCTV Security Project are provided below based on the new proposed project schedule. The new project schedule requires all three phases of the project to be bid at one time. The design and engineering work must be completed before the bids are released to the public. The fees for the design, engineering and project management are as follows:

Design, Consulting, & Engineering Services

Phase I <i>(already submitted in a prior proposal)</i>	\$36,450.00
Part 1 – Design, Consulting & Engineering:	
Part 2 – Bidding:	
Phase II	\$18,925.00
Part 1 – Design, Consulting & Engineering:	
Part 2 – Bidding:	
Phase III	\$16,450.00
Part 1 – Design, Consulting & Engineering:	
Part 2 – Bidding:	
Total Design & Engineering	\$71,825.00

Construction Administration & Project Management Services

Phases I	Construction Administration: <i>Summer of 2019</i>	\$9,900.00
Phase II	Construction Administration: <i>Summer of 2020</i>	9,900.00
Phase III	Construction Administration: <i>Summer of 2021</i>	9,900.00
<hr/>		
Total Project Management		\$29,700.00



From a K-tecK proposal date January 6, 2017, page 8 of the document:

Fees & Reimbursable Expenses

The project fees are listed below for services rendered. Reimbursement of all travel expenses, including ground transportation, meals, lodging, automobile mileage, document reproduction, and express mailing costs are included within this price.

Part 1 – Design, Consulting & Engineering:

Oral Presentations: (2 Meetings x \$300)	\$600.00
Site Engineering Work: (10 Days x \$1,200)	12,000.00
CCTV Design & Engineering: (4 Days x \$1,200)	4,800.00
Network Design & Engineering: (3 Days x \$1,200)	3,600.00
CAD Background Drawings: Received	
CAD Drawing Design Work: (11 Days x \$600)	6,600.00
Specification Writing: (5 Days x \$1,000)	5,000.00
90% & Bid Submissions: (6 hrs x \$75)	450.00
Cost Estimates Updates: (4 hrs x \$150)	600.00
Total Design Fees:	\$33,650.00

Part 2 – Bidding:

Oral Presentations: (2 Meetings x \$300)	\$600.00
Pre-Bid Site Meeting: (4 hrs x \$150)	600.00
Answer Questions: (4 hrs x \$150)	600.00
Review & Letter of Recommendation: (1 Day x \$1,000)	1,000.00
Total Bidding Fees:	\$2,800.00

Part 3 – Construction Administration:

Oral Presentations: (3 Meetings x \$300)	\$900.00
Kick-Off Site Meeting: (4 hrs x \$150)	600.00
Submittal Reviews: (10 hrs x \$150)	1,500.00
Bi-Monthly Site Visits: (5 Days x \$1,000)	5,000.00
Answer Questions: (6 hrs x \$150)	900.00
Close-Out Work: (1 Day x \$1,000)	1,000.00
Total Bidding Fees:	\$9,900.00

Total Phase I Services **\$46,350.00**

Payment: Monthly progress invoices will be submitted.

Capital Sources & Uses

1/29/2018
3:29 PM

	B	C	D	E	F	G	I	
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	Total Projected	
	Projected	Projected	Projected	Projected	Projected	Projected	Projects	
Sources								
1	General Fund Transfer to Capital Project	11,173,476	11,173,476	5,098,899	(3,844,421)	(11,771,317)	(19,558,734)	
2	Proceeds from Bond Issue	6,062,595	1,181,020	0	0	0	0	
3	Assigned Athletic Fund Balance	678,500	0	0	0	0	0	
4	Total Sources	17,914,571	12,354,496	5,098,899	(3,844,421)	(11,771,317)	(19,558,734)	
Uses								
5	Capital Improvement	458,730	2,015,992	1,876,897	1,867,066	518,711	1,621,756	8,359,152
6	Deferred Maintenance	3,615,995	3,858,223	4,473,720	3,944,913	5,182,717	2,896,926	23,972,494
7	Roofing	0	435,000	0	0	0	0	435,000
8	Regulatory/Safety	30,000	0	672,914	452,721	221,430	13,600	1,390,665
9	CCTV Security System	0	0	866,259	722,491	976,130	0	2,564,880
10	Vehicle Replacement	50,000	0	0	0	0	0	50,000
11	Teamer Field Turf	499,450	0	0	0	0	0	499,450
12	Retrofit Lighting Projects	100,000	0	0	0	0	0	100,000
13	Prof Fees, District Costs, Contingencies	805,900	946,382	1,053,530	939,705	888,429	679,842	5,313,788
14	Total Uses	5,560,075	7,255,597	8,943,320	7,926,896	7,787,417	5,212,124	42,685,429
15	Balance of Sources over Uses	12,354,496	5,098,899	(3,844,421)	(11,771,317)	(19,558,734)	(24,770,858)	

Source: November 3 2017 Infrastructure Report

May 17, 2018

	A	B	C	D	C+D=E	B-E=F	A-E=G
Capital Projects	Pre-Bid 17-18	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining	Pre-Bid Remaining
Replacements & Upgrades, TEAO	475,000	500,600	446,573	44,027	490,600	10,000	(15,600)
Maintenance and Storage Building	4,741,800	4,543,807	4,025,533	379,061	4,404,594	139,213	337,206

Replacements & Upgrades, TEAO

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
1 General Contractor - Walter Brucker & Company	72,900.00	67,900.00	5,000.00	72,900.00	0.00
2 Mechanical	0.00	0.00	0.00	0.00	0.00
3 Plumbing - Trefz Mechanical	0.00	0.00	0.00	0.00	0.00
4 Electrical - G.A. Vieri	335,000.00	335,000.00	0.00	335,000.00	0.00
5 Architect and Engineering Fees	39,700.00	39,665.00	35.00	39,700.00	0.00
6 Project Construction Total	447,600.00	442,565.00	5,035.00	447,600.00	0.00
7 Feasibility Study	1,000.00	710.85	289.15	1,000.00	0.00
8 Furniture Fixtures and Equipment	0.00	0.00	0.00	0.00	0.00
9 Printing and Postage	0.00	0.00	0.00	0.00	0.00
10 Site Surveys, Testing	2,000.00	0.00	2,000.00	2,000.00	0.00
11 Professional Fees	0.00	0.00	0.00	0.00	0.00
12 Permits & Approval	3,500.00	3,297.28	202.72	3,500.00	0.00
13 Legal	1,500.00	0.00	1,500.00	1,500.00	0.00
14 Technology	0.00	0.00	0.00	0.00	0.00
15 Furniture & Equipment	0.00	0.00	0.00	0.00	0.00
16 Total Non-Contract Purchase	8,000.00	4,008.13	3,991.87	8,000.00	0.00
17 Custodial Support	3,000.00	0.00	3,000.00	3,000.00	0.00
18 Maintenance Support	9,000.00	0.00	9,000.00	9,000.00	0.00
19 Security Support	10,000.00	0.00	10,000.00	10,000.00	0.00
20 Asbestos Removal (Incl. Supplies)	5,000.00	0.00	5,000.00	5,000.00	0.00
21 Project Supervision	1,000.00	0.00	1,000.00	1,000.00	0.00
22 Networking/Telephone/Security Wire	2,000.00	0.00	2,000.00	2,000.00	0.00
23 District Miscellaneous	5,000.00	0.00	5,000.00	5,000.00	0.00
24 Total District Expenditures	35,000.00	0.00	35,000.00	35,000.00	0.00
25 Project Contingency	10,000.00	0.00	0.00	0.00	10,000.00
26 Total Project:	500,600.00	446,573.13	44,026.87	490,600.00	10,000.00

Maintenance and Storage Building

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
1 General Contractor - LJ Paoella	2,811,207.00	2,743,489.80	67,717.20	2,811,207.00	0.00
2 Mechanical Contractor - Myco	494,000.00	394,540.13	99,459.87	494,000.00	0.00
3 Plumbing - AKC	183,000.00	154,512.76	28,487.24	183,000.00	0.00
4 Electrical - AJM Electric	279,800.00	220,185.00	59,615.00	279,800.00	0.00
5 Architect Fees	94,216.00	90,991.08	3,224.92	94,216.00	0.00
6 Engineering Fees	143,625.00	143,625.00	0.00	143,625.00	0.00
7 Landscape Architect Fees	8,000.00	8,000.00	0.00	8,000.00	0.00
8 Project Construction Total	4,013,848.00	3,755,343.77	258,504.23	4,013,848.00	0.00
9 Feasibility Study	35,000.00	45,253.03	0.00	45,253.03	(10,253.03)
10 Architect Fees-Coordination Bids	4,959.00	4,959.00	0.00	4,959.00	0.00
11 Printing and Postage	0.00	0.00	0.00	0.00	0.00
12 Site Surveys, Testing	40,000.00	77,717.26	0.00	77,717.26	(37,717.26)
13 Permits & Approval	50,000.00	63,827.57	0.00	63,827.57	(13,827.57)
14 Legal	40,000.00	14,443.31	25,556.69	40,000.00	0.00
15 Technology	0.00	0.00	0.00	0.00	0.00
16 Furniture & Equipment	20,000.00	0.00	20,000.00	20,000.00	0.00
17 Total Non-Contract Purchase	189,959.00	206,200.17	45,556.69	251,756.86	(61,797.86)
18 Custodial Support	20,000.00	0.00	20,000.00	20,000.00	0.00
19 Maintenance Support	20,000.00	0.00	20,000.00	20,000.00	0.00
20 Security Support	15,000.00	0.00	15,000.00	15,000.00	0.00
21 Asbestos Removal (Incl. Supplies)	10,000.00	0.00	10,000.00	10,000.00	0.00
22 Project Supervision	15,000.00	38,091.94	0.00	38,091.94	(23,091.94)
23 Networking/Telephone/Security Wire	5,000.00	0.00	5,000.00	5,000.00	0.00
24 District Miscellaneous	5,000.00	0.00	5,000.00	5,000.00	0.00
25 Total District Charges	90,000.00	38,091.94	75,000.00	113,091.94	(23,091.94)
26 Project Contingency	250,000.00	25,897.00	0.00	25,897.00	224,103.00
27 Total Project:	4,543,807.00	4,025,532.88	379,060.92	4,404,593.80	139,213.20

May 17, 2018

	A	B	C	D	C+D=E	B-E=F	A-E=G
Capital Projects	Pre-Bid 18-19	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining	Pre-Bid Remaining
Renovations, Replacements & Upgrades, VFMS	2,930,368	4,381,476	494,511	3,636,965	4,131,476	250,000	(1,201,108)
Renovations, Replacements & Upgrades, CHS, VFES	1,281,397	965,611	138,465	824,646	963,111	2,500	318,286
Roof Top Equipment & Replacement	612,678	657,130	67,389	574,741	642,130	15,000	(29,452)
Total All Capital Projects	4,824,443	6,004,217	700,365	5,036,352	5,736,717	267,500	(912,274)

Renovations, Replacements & Upgrades, VFMS

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
1 General Contractor - McCarthy Construction	450,328.00	0.00	450,328.00	450,328.00	0.00
2 Mechanical - Allstates Mechanical	2,678,728.00	300,196.80	2,378,531.20	2,678,728.00	0.00
3 Plumbing - Hirschberg Mechanical	232,000.00	6,300.00	225,700.00	232,000.00	0.00
4 Electrical - Wescott Electric	351,100.00	0.00	351,100.00	351,100.00	0.00
5 Architect and Engineering Fees	204,320.00	156,734.13	47,585.87	204,320.00	0.00
6 Project Construction Total	3,916,476.00	463,230.93	3,453,245.07	3,916,476.00	0.00
7 Feasibility Study	10,000.00	1,974.46	8,025.54	10,000.00	0.00
8 Furniture Fixtures and Equipment	0.00	0.00	0.00	0.00	0.00
9 Printing and Postage	0.00	0.00	0.00	0.00	0.00
10 Site Surveys, Testing	10,000.00	0.00	10,000.00	10,000.00	0.00
11 Professional Fees	0.00	0.00	0.00	0.00	0.00
12 Permits & Approval	30,000.00	29,305.74	694.26	30,000.00	0.00
13 Legal	0.00	0.00	0.00	0.00	0.00
14 Technology	0.00	0.00	0.00	0.00	0.00
15 Furniture & Equipment	0.00	0.00	0.00	0.00	0.00
16 Total Non-Contract Purchase	50,000.00	31,280.20	18,719.80	50,000.00	0.00
17 Custodial Support	20,000.00	0.00	20,000.00	20,000.00	0.00
18 Maintenance Support	50,000.00	0.00	50,000.00	50,000.00	0.00
19 Security Support	20,000.00	0.00	20,000.00	20,000.00	0.00
20 Asbestos Removal (Incl. Supplies)	20,000.00	0.00	20,000.00	20,000.00	0.00
21 Project Supervision	30,000.00	0.00	30,000.00	30,000.00	0.00
22 Networking/Telephone/Security Wire	10,000.00	0.00	10,000.00	10,000.00	0.00
23 District Miscellaneous	15,000.00	0.00	15,000.00	15,000.00	0.00
24 Total District Expenditures	165,000.00	0.00	165,000.00	165,000.00	0.00
25 Project Contingency	250,000.00	0.00	0.00	0.00	250,000.00
26 Total Project:	4,381,476.00	494,511.13	3,636,964.87	4,131,476.00	250,000.00

Renovations, Replacements & Upgrades, CHS, VFES

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
1 General Contractor - Donald E Reisinger	416,600.00	0.00	416,600.00	416,600.00	0.00
2 Mechanical - Rogers Mechanical	222,900.00	0.00	222,900.00	222,900.00	0.00
3 Plumbing - Stan-Roch Plumbing	70,300.00	0.00	70,300.00	70,300.00	0.00
4 Electrical - CMSE Electric	81,801.00	0.00	81,801.00	81,801.00	0.00
5 Architect and Engineering Fees	165,010.00	137,995.50	27,014.50	165,010.00	0.00
6 Project Construction Total	956,611.00	137,995.50	818,615.50	956,611.00	0.00
7 Feasibility Study	1,000.00	469.55	530.45	1,000.00	0.00
8 Furniture Fixtures and Equipment	0.00	0.00	0.00	0.00	0.00
9 Printing and Postage	0.00	0.00	0.00	0.00	0.00
10 Site Surveys	500.00	0.00	500.00	500.00	0.00
11 Geotechnical Engineer	0.00	0.00	0.00	0.00	0.00
12 Permits & Approval	1,000.00	0.00	1,000.00	1,000.00	0.00
13 Legal	0.00	0.00	0.00	0.00	0.00
14 Technology	0.00	0.00	0.00	0.00	0.00
15 Furniture & Equipment	0.00	0.00	0.00	0.00	0.00
16 Total Non-Contract Purchase	2,500.00	469.55	2,030.45	2,500.00	0.00
17 Custodial Support	0.00	0.00	0.00	0.00	0.00
18 Maintenance Support	2,000.00	0.00	2,000.00	2,000.00	0.00
19 Security Support	0.00	0.00	0.00	0.00	0.00
20 Asbestos Removal (Incl. Supplies)	0.00	0.00	0.00	0.00	0.00
21 Project Supervision	2,000.00	0.00	2,000.00	2,000.00	0.00
22 Networking/Telephone/Security Wire	0.00	0.00	0.00	0.00	0.00
23 District Miscellaneous	0.00	0.00	0.00	0.00	0.00
24 Total District Charges	4,000.00	0.00	4,000.00	4,000.00	0.00
25 Project Contingency	2,500.00	0.00	0.00	0.00	2,500.00
26 Total Project:	965,611.00	138,465.05	824,645.95	963,111.00	2,500.00

Roof Top Equipment & Replacement

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
1 General Contractor - Donald E Reisinger	46,000.00	0.00	46,000.00	46,000.00	0.00
2 Mechanical - Tri-County Mechanical	491,000.00	0.00	491,000.00	491,000.00	0.00
3 Plumbing	0.00	0.00	0.00	0.00	0.00
4 Electrical - A.N. Lynch	14,000.00	0.00	14,000.00	14,000.00	0.00
5 Architect and Engineering Fees	78,630.00	62,027.00	16,603.00	78,630.00	0.00
6 Project Construction Total	629,630.00	62,027.00	567,603.00	629,630.00	0.00
7 Feasibility Study	1,000.00	350.13	649.87	1,000.00	0.00
8 Furniture Fixtures and Equipment	0.00	0.00	0.00	0.00	0.00
9 Printing and Postage	0.00	0.00	0.00	0.00	0.00
10 Site Surveys	1,000.00	0.00	1,000.00	1,000.00	0.00
11 Geotechnical Engineer	0.00	0.00	0.00	0.00	0.00
12 Permits & Approval	5,500.00	5,011.96	488.04	5,500.00	0.00
13 Legal	0.00	0.00	0.00	0.00	0.00
14 Technology	0.00	0.00	0.00	0.00	0.00
15 Furniture & Equipment	0.00	0.00	0.00	0.00	0.00
16 Total Non-Contract Purchase	7,500.00	5,362.09	2,137.91	7,500.00	0.00
17 Custodial Support	0.00	0.00	0.00	0.00	0.00
18 Maintenance Support	2,000.00	0.00	2,000.00	2,000.00	0.00
19 Security Support	0.00	0.00	0.00	0.00	0.00
20 Asbestos Removal (Incl. Supplies)	0.00	0.00	0.00	0.00	0.00
21 Project Supervision	3,000.00	0.00	3,000.00	3,000.00	0.00
22 Networking/Telephone/Security Wire	0.00	0.00	0.00	0.00	0.00
23 District Miscellaneous	0.00	0.00	0.00	0.00	0.00
24 Total District Charges	5,000.00	0.00	5,000.00	5,000.00	0.00
25 Project Contingency	15,000.00	0.00	0.00	0.00	15,000.00
26 Total Project:	657,130.00	67,389.09	574,740.91	642,130.00	15,000.00