

Application for Preliminary Qualification of Bonds

School Bond Qualification and Loan Program for

Okemos Public Schools

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* Include building floor/site plans and activity/cost estimates for each project.

Application Attachments

(Please "X" all that apply)

- Debt service projection support
- Existing debt schedules
- Construction fund/bond issuance cost schedules
- Enrollment projections (prepared by an approved service provider)
- Comparison of the current proposal to previous defeated proposal
- Request for Net Present Value Savings Requirement Exception
- Letter addressing classroom capacity utilization rate
- Architect's statement regarding closing/demolition of existing facility
- Letter addressing new construction costs exceeding the cost per square foot parameter
- Architect/Construction manager's opinion regarding cost estimates
- Status of unaudited bonds
- Useful Life Calculation Worksheet

For additional information about the School Bond Qualification and Loan Program, visit:

www.michigan.gov/sblf

Application for Preliminary Qualification of Bonds

Issued under authority of Public Act 92 of 2005.

Michigan Department of Treasury
 Bureau of Bond Finance
 School Bond Qualification and Loan Program
 P.O. Box 15128
 Lansing, Michigan 48901
 Telephone: (517) 335-0994

Proposed Election Date: November 5, 2013

Application Number: 33-170-4-K12-16-01

Legal Name of School District Okemos Public Schools	District Code Number 33170	Telephone Number 517 706-5010
Address 4406 N Okemos Road	City Okemos	ZIP Code 48864

MAILING INSTRUCTIONS:

- Return TWO originally signed copies to your bond counsel by **OVERNIGHT MAIL**.
- Return ONE originally signed copy to your financial consultant.
- Return ONE originally signed copy to your architectural firm.
- Return ONE originally signed copy to your construction management firm, if applicable.
- Retain ONE originally signed copy for your files.

CONTACT PERSON: Person to whom questions and correspondence concerning this application should be directed.

Dr. Catherine J. Ash	Superintendent	517-706-5009
Name	Title	Telephone Number
catherine.ash@okemoschools.net		517 347-0304
E-mail Address		Fax Number

Certificate

I, the undersigned, Secretary of the Board of Education, do certify hereby that the Board of Education of this School District, at a regular meeting of the Board, which was conducted and for which public notice of said meeting was given pursuant to and in full compliance with Act 276 of the Public Acts of 1976 (Open Meetings Act), on this 6th day of May, 2013, look the following action:

- (1) Resolved to apply for preliminary qualification of bonds by the State Treasurer for the purpose of financing the school construction description in this application.
- (2) That said application is presented to the State Treasurer for action prior to the official action of the Board of Education calling the election on said bond issue.
- (3) Resolved that this Board of Education will present a final qualification application to the State Treasurer for qualification of their bonds after this bond issue has been approved by the electors of said district.
- (4) Read this application and approved all statements and representations contained herein as true to the best knowledge and belief of the Board.
- (5) Authorized the Secretary of the Board of Education to sign this Preliminary Application and submit same to the State Treasurer for review and approval.

IN WITNESS whereof, I have hereunto set my hand this 6th day of May, 2013.

Steven A. Vagnozzi Secretary, Board of Education	Signature of Secretary
Dr. Vincent Lyon-Callo Treasurer, Board of Education	Dr. Catherine J. Ash Superintendent of Schools
Jeffrey Soles, Thrun Law Firm Bond Counsel	2900 West Rd #400, East Lansing, MI 48823 Mailing Address
Kelli Lambrix, The PFM Group Financial Consultant	305 E. Eisenhower Parkway Ste 112, Ann Arbor, MI 48108 Mailing Address
None Architectural Firm	N/A Mailing Address
None Construction Management Firm	N/A Mailing Address

ATTACH PROPOSED BALLOT LANGUAGE.

Okemos Public Schools - Financial Summary

A. Existing Bond Debt *List each outstanding debt issue separately in chronological order by issue date.*

Issue Date	Final Maturity Date	Purpose	Amount of Original Issue	As of: 4/30/2013			FYE 2012 Balance in Debt Retirement Fund	(2012): Millage Levied This Year	Millage Estimate for Next Year
				Current Outstanding Principal Balance					
				Qualified	Non-Qualified	Non-Voted			
2/2/93	5/1/21	Ref	\$17,321,722	\$15,457,871			\$185,415	6.72	
3/4/03	5/1/19	Ref	\$19,725,000	1,895,000			108,871	0.28	
Totals				\$17,352,871	0	0	\$294,286	7.00	7.00

Current SBL Fund Balance \$0 As of: 12/31/2012

Total Amount of Existing Debt \$17,352,871

Proceeds of existing bonds spent? (if No, provide status of unaudited bonds.)
(Yes or No)

B. Proposed Bond Issue/Estimated Impact

List each bond proposal separately.

	Amount	Bond Term	Avg Int Rate	Bond Interest	SLRF Interest	Total Interest	Avg Millage	Millage Year 1
Proposal 1	\$7,500,000	5.25 Years	2.50%	\$628,625	\$3,048,185	\$3,676,810	0.93	0.00
Proposal 2								
Proposal 3								
Proposal 4								
Combined Issue	\$7,500,000			\$628,625	\$3,048,185	\$3,676,810	0.93	0.00

(Totals may not foot due to differences in the financial structure of individual proposals and a combined bond issue.)

C. Existing Debt + Proposed Bond Issue

\$24,852,871

Total Estimated Millage Proposed for Next Tax Year 7.00
Millage without SLRF participation 10.03
(if borrowing from the SLRF)

D. Key Financial Measures (for information purposes only)

1st Year
Millage Increase
0.00

Interest to
Bond Ratio
0.49

Bonded Debt to
Taxable Value
2.22%

Total Debt to
Taxable Value
2.22%

E. Financial Assumptions

Property Valuation Information	
Tax Year	2012
Taxable Value	\$1,120,963,914
Current Enrollment	3,864
Taxable Value per Pupil	\$290,105
Growth Rate	
Prior 5 Years Avg Rate	-1.43%
Projected Growth Rates:	
Years 1 - 5	-1.43%
Years 6 +	3.00%
Property Tax	
Property Taxes Levied:	
Winter	50.00%
Summer	50.00%
Material Tax Appeals Pending (Yes or No)	No
<small>If district is aware of any event or circumstance that could significantly affect its future TV, disclosure must be included.</small>	

School Loan Revolving Fund			
Est Amt to be Borrowed:	\$15,710,112	Interest Rate:	5.00%
Beginning Date:	5/1/2015	Max. SLRF Bal:	\$18,330,496
End Date:	5/1/2024	Maximum Year:	2021
Mandatory Repayment Date:	5/1/2027		

Bond Issues			Construction Fund		Annual Bond Maturity Date
Amount	Dated Date	Beg. Date	End Date		
\$7,500,000	2/1/14	2/1/14	1/1/17	May 1	
Series 1					
Series 2					
Series 3					

Weighted average maturity of qualified bonds must not exceed 120% of useful life of assets.	
Weighted Average Maturity of Bonds	3.35 ← (number of years)
120% of Average Useful Life of Assets	10.78 ← (number of years)

F. Certification

The financial impact presented herein is based on certain assumptions regarding interest rates and taxable value growth rates. Actual millage rates may be subject to adjustment based on differences in these assumptions, actual interest rates, and future taxable value growth.

Prepared By: Keri Lambrich

Firm: Public Financial Management

ATTACH FINANCIAL TABLES.

3881, Worksheet 1: Useful Life Calculation

A school district must demonstrate that the weighted average maturity of the qualified bond issue does not exceed 120% of the average reasonably expected useful life of the facilities, excluding land and site improvements, being financed with the proceeds of the qualified bonds.

The following table lists the recommended average useful life of the categories of assets that should be considered in this calculation. If a specific item is not listed, it should be assigned to the most closely related category.

Asset Category	Useful Life Years
New School Building	40
Building Improvements - interior and exterior remodeling such as plumbing, electrical, HVAC, fire suppression, security systems, elevators, etc.	30
Roofing	20
Flooring	10
Furnishings and Equipment - furniture and fixtures that are not a structural component of a building such as desks, chairs, tables, storage units, office equipment, copiers, fax machines, communications equipment, kitchen equipment and appliances, athletic equipment, etc.	10
Technology Infrastructure - cables, networks, etc.	10
Buses	6
Technology (instructional and non-instructional) - computers, printers, scanners, etc.	5

Use the worksheet below to calculate the weighted average useful life of assets included in projects funded by bond proceeds.

Okemos Public Schools		33170						
Follow Column Instructions	Enter Value	Col. 1 + Col. 2	Enter Value	Enter Value	Col. 4 + Col. 5	Col. 6 Col. 6 Total	Col. 3 x Col. 7	
Asset Type	Col. 1 Average Useful Life of Asset (in Years)	Col. 2 Time between Bonds Issue Date and Purchase	Col. 3 Useful Life of Asset from Bond Issue Date	Col. 4 Expenditure Amount	Col. 5 Allocation of Related Professional Fees	Col. 6 Total Costs (incl. Related Fees)	Col. 7 % of Total Cost	Col. 8 Average Useful Life of Assets (in years)
School Buildings	40	0	40			0	0.00%	0.00
Building Improvements	30	0	30	970,000	19,630	989,630	13.16%	3.95
Roofing	20	0	20			0	0.00%	0.00
Flooring	10	0	10			0	0.00%	0.00
Furnishing/ Equipment	10	0	10	86,950	1,510	88,460	1.18%	0.12
Technology Infrastructure	10	0	10	808,900	16,610	825,510	10.98%	1.10
Technology (instr/non-instr)	5	0	5	4,884,550	99,660	4,984,210	66.27%	3.31
Buses	6	0	6	619,430	13,590	633,020	8.42%	0.51
Total for purposes of determining weighted avg useful life				7,369,830	151,000	7,520,830	100.00%	8.98

120% of average useful life of assets

→

10.78



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\$7,500,000
OKEMOS PUBLIC SCHOOLS
County of Ingham, State of Michigan
Proposed 2013 School Technology and Bus Bonds
(General Obligation - Unlimited Tax)

ESTIMATED COST, INTEREST EARNINGS AND REQUIRED BOND AMOUNT

ESTIMATE OF PROJECT COST:

Total construction, renovation, architect, furnishings and equipment, technology, contingencies, etc.		\$7,369,830
Total bond issuance costs:		
Bond Attorney Fee	EST	\$17,250
Financial Consultant Fee		\$16,150
Auditor's Fee		\$2,500
Qualification of Bonds		\$5,400
Credit Ratings (1)		\$13,000
Official Statement Printing & Mailing		\$4,500
Municipal Advisory Council Fee		\$400
Treasury Filing		\$1,000
Capitalized Interest (0 months @ 1%)	1.000%	\$75,000
Bond Discount		\$0
Bond Insurance		\$15,310
Legal Publication, election costs, etc.		\$0
Other		\$0
		\$150,510
Total bond issuance costs:		\$7,520,340
TOTAL PROJECT COSTS		\$20,340
Less: Estimated Construction Fund Interest Earnings*		\$7,500,000
BOND AMOUNT REQUIRED		\$7,349,490
Estimated Initial Deposit to Construction Fund (Net of Issuance Costs)		\$7,349,490

ESTIMATE OF INTEREST EARNINGS*

Average Life = 1.09 years

		<u>Estimated Draw Monthly Schedule</u>				Construction Fund Balance	Estimated* Interest Rate	Estimated* Interest Earned
Date	Month	Project Costs	Issuance Costs	Total Estimated Expenditure	Payout %			
						\$7,500,000		
1-Feb-14				\$432,863	5.76%	7,067,137	0.25%	\$1,472
1-Feb-14	1	\$282,353	\$150,510 *	282,353	9.51%	6,786,256	0.25%	1,414
Mar-14	2	282,353		282,353	13.28%	6,505,317	0.25%	1,355
Apr-14	3	282,353		282,353	17.02%	6,224,319	0.25%	1,297
May-14	4	282,353		282,353	20.77%	5,943,263	0.25%	1,238
Jun-14	5	282,353		282,353	24.53%	5,662,148	0.25%	1,180
Jul-14	6	282,353		282,353	28.28%	5,380,975	0.25%	1,121
Aug-14	7	282,353		282,353	32.04%	5,099,743	0.25%	1,062
Sep-14	8	282,353		282,353	35.79%	4,818,453	0.25%	1,004
Oct-14	9	282,353		282,353	39.55%	4,537,104	0.25%	945
Nov-14	10	282,353		282,353	43.30%	4,255,696	0.25%	887
Dec-14	11	282,353		282,353	47.06%	3,974,230	0.25%	828
Jan-15	12	282,353		282,353	50.81%	3,692,705	0.25%	769
Feb-15	13	282,353		282,353	54.56%	3,411,121	0.25%	711
Mar-15	14	282,353		282,353	58.32%	3,129,479	0.25%	652
Apr-15	15	282,353		282,353	62.07%	2,847,778	0.25%	593
May-15	16	282,353		282,353	65.83%	2,566,018	0.25%	535
Jun-15	17	282,353		282,353	69.49%	2,284,253	0.25%	476
Jul-15	18	200,000		200,000	71.15%	2,167,046	0.25%	451
Aug-15	19	200,000		200,000	73.81%	1,967,497	0.25%	410
Sep-15	20	200,000		200,000	76.47%	1,767,907	0.25%	368
Oct-15	21	200,000		200,000	79.13%	1,568,275	0.25%	327
Nov-15	22	200,000		200,000	81.78%	1,368,602	0.25%	285
Dec-15	23	200,000		200,000	84.44%	1,168,887	0.25%	244
Jan-16	24	200,000		200,000	87.10%	969,131	0.25%	202
Feb-16	25	200,000		200,000	89.76%	769,333	0.25%	160
Mar-16	26	200,000		200,000	92.42%	569,493	0.25%	119
Apr-16	27	200,000		200,000	95.08%	369,612	0.25%	77
May-16	28	200,000		200,000	97.74%	169,689	0.25%	35
Jun-16	29	200,000		200,000	98.05%	145,462	0.25%	30
Jul-16	30	24,261		24,261	98.39%	121,231	0.25%	25
Aug-16	31	24,261		24,261	98.71%	96,995	0.25%	20
Sep-16	32	24,261		24,261	99.03%	72,754	0.25%	15
Oct-16	33	24,261		24,261	99.35%	48,508	0.25%	10
Nov-16	34	24,261		24,261	99.68%	24,256	0.25%	5
Dec-16	35	24,261		24,261	100.00%	0	0.25%	0
Jan-17	36	24,261		24,261	100.00%	0	0.25%	0
Feb-17	37	0		0	100.00%	0	0.25%	0
		\$7,369,830	\$150,510	\$7,520,340				\$20,340

* Estimated, actual interest earnings will be based on final interest rates earned and actual draw schedule.



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Table Millage -- \$7,500,000 @ 2.500%

\$7,500,000
Okemos Public Schools
County of Ingham, State of Michigan
Proposed 2014 School Technology and Bus Bonds
(Unlimited Tax General Obligation)

Total Current & Proposed Mills:	7.00	Est. Election Date:	11/01/13
Current Debt Mills:	7.00	Dated Date:	02/01/14
Net Interest:	0.00	1st Int Pymt Date:	11/01/14
1st Year's Levy:	0.00	First Levy Date:	07/01/14
Average Levy:	0.03	Bond Term:	5.25 yrs
Debt-to-Taxable Value Ratio:	2.22%	Average Life:	3.35 yrs
Interest Ratio:	0.49	I-5 Ratio:	true

Series 1 Interest:	\$628,625
Series 2 Interest:	\$0
SLRF Interest:	\$3,048,183
Total Interest:	\$3,676,810

SCHEDULE OF PROJECTED MILLAGE REQUIRED TO REPAY BONDED DEBT

Fiscal Year	Levy Yr End 30-Jun	Projected Taxable Value \$	Taxable Value Growth Rate	Existing UTQ Debt	Use of Funds on Hand	Existing UTQ Debt & Mills		Proposed 2014 School Technology and Bus Bonds		Total Proposed Payment	Plus Allowance for Delinq. 10.00%	Net Proposed UTQ Debt	Milk Prop. UTQ Debt	Net Proposed UTQ Debt	Milk Needed without SLRF	Total UTQ Milk	30-Jun SLRF Balance	
						Existing UTQ Debt	Net Existing UTQ Debt	Interest Due 1-May	Principal Due 1-May									Interest Due 1-May
2012	2013	\$1,120,963,914	-1.43%	\$7,985,356	\$811,991	\$7,846,747	7.00	\$0	\$0	\$0	\$0	\$0	0.00	\$0	7.00	7.00	\$0	
2013	2014	1,104,934,130	-1.43%	7,373,669	360,870	7,734,539	7.00	93,750	1,509,375	1,509,375	150,938	1,660,313	0.00	1,660,313	7.00	7.00	0	
2014	2015	1,089,133,372	-1.43%	7,746,469	(122,534)	7,623,935	7.00	77,813	1,645,025	1,645,025	13,625	1,658,650	0.00	1,658,650	8.52	7.00	1,674,148	
2015	2016	1,073,581,962	-1.43%	8,117,650	(602,737)	7,514,913	7.00	59,188	1,658,375	1,658,375	1,625	1,660,000	0.00	1,660,000	8.55	7.00	3,432,218	
2016	2017	1,058,207,069	-1.43%	8,483,413	(476,993)	8,006,422	7.00	39,938	1,659,875	1,659,875	20,188	1,680,063	0.00	1,680,063	10.03	7.00	5,882,621	
2017	2018	1,043,074,708	-1.43%	8,804,850	-	8,804,850	7.00	20,188	1,655,375	1,655,375	-	1,655,375	0.00	1,655,375	10.03	7.00	9,370,828	
2018	2019	1,027,866,949	3.00%	9,124,950	-	9,124,950	7.00	-	-	-	-	-	0.00	-	8.56	7.00	13,133,482	
2019	2020	1,016,597,937	3.00%	9,475,000	-	9,475,000	7.00	-	-	-	-	-	0.00	-	8.74	7.00	15,543,455	
2020	2021	1,139,793,896	3.00%	9,960,000	-	9,960,000	7.00	-	-	-	-	-	0.00	-	0.00	7.00	18,330,496	
2021	2022	1,173,980,773	3.00%	-	-	-	7.00	-	-	-	-	-	6.80	-	0.00	7.00	10,974,676	
2022	2023	1,209,209,466	3.00%	-	-	-	0.20	-	-	-	-	-	2.51	-	0.00	2.51	2,996,827	
2023	2024	1,245,485,750	3.00%	-	-	-	0.00	-	-	-	-	-	0.00	-	0.00	0.00	-	
2024	2025	1,282,850,323	3.00%	-	-	-	0.00	-	-	-	-	-	0.00	-	0.00	0.00	-	
				\$76,091,356	\$0	\$76,091,356		\$337,750	\$7,500,000	\$8,128,625	\$164,563	\$8,293,188		\$8,384,544			\$4,095,227	
																		\$4,095,227

4/9/2013



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 PFM Asset Management LLC
 PFM Advisors

OKEMOS PUBLIC SCHOOLS
 County of Ingham, State of Michigan

TOTAL EXISTING DEBT & GENERAL INFORMATION

Levy Year	Payment Yr. End 30-Jun	PRINCIPAL PAYMENT	TOTAL UTQ DEBT	(Use) of SO Funds On Hand	Net UT Debt Payments	Taxable Value	Growth	Mills
2012	2013	\$2,114,058	\$7,005,356	\$841,391	\$7,846,747	\$1,120,963,914	-1.43%	7.00
2013	2014	2,103,230	7,373,669	360,870	7,734,539	1,104,934,130	-1.43%	7.00
2014	2015	2,107,334	7,746,469	(122,534)	7,623,935	1,089,133,572	-1.43%	7.00
2015	2016	2,084,550	8,117,650	(602,737)	7,514,913	1,073,558,962	-1.43%	7.00
2016	2017	2,016,866	8,483,413	(476,990)	8,006,422	1,058,207,069	-1.43%	7.00
2017	2018	1,907,851	8,804,850	-	8,804,850	1,043,074,708	-1.43%	7.00
2018	2019	1,769,732	9,124,950	-	9,124,950	1,074,366,949	3.00%	7.00
2019	2020	1,636,427	9,475,000	-	9,475,000	1,106,597,957	3.00%	7.00
2020	2021	1,612,823	9,960,000	-	9,960,000	1,139,795,896	3.00%	7.00
2021	2022	-	-	-	-	1,173,989,773	3.00%	7.00
2022	2023	-	-	-	-	1,209,209,466	3.00%	0.20
2023	2024	-	-	-	-	1,245,485,750	3.00%	0.00
2024	2025	-	-	-	-	1,282,850,323	3.00%	0.00
2025	2026	-	-	-	-	1,321,335,832	3.00%	0.00
2026	2027	-	-	-	-	1,360,975,907	3.00%	0.00
2027	2028	-	-	-	-	1,401,805,184	3.00%	0.00
2028	2029	-	-	-	-	1,443,859,340	3.00%	0.00
2029	2030	-	-	-	-	1,487,175,120	3.00%	0.00
2030	2031	-	-	-	-	1,531,790,374	3.00%	0.00
2031	2032	-	-	-	-	1,577,744,085	3.00%	0.00
2032	2033	-	-	-	-	1,625,076,408	3.00%	0.00
2033	2034	-	-	-	-	1,673,828,700	3.00%	0.00
2034	2035	-	-	-	-	1,724,043,561	3.00%	0.00
2035	2036	-	-	-	-	1,775,764,868	3.00%	0.00
2036	2037	-	-	-	-	1,829,037,814	3.00%	0.00
2037	2038	-	-	-	-	1,883,908,948	3.00%	0.00
2038	2039	-	-	-	-	1,940,426,217	3.00%	0.00
2039	2040	-	-	-	-	1,998,639,003	3.00%	0.00
2040	2041	-	-	-	-	2,058,598,175	3.00%	0.00
2041	2042	-	-	-	-	2,120,356,118	3.00%	0.00
2042	2043	-	-	-	-	2,183,966,802	3.00%	0.00
2043	2044	-	-	-	-	-	-	-
2044	2045	-	-	-	-	-	-	-
		\$17,352,871	\$76,091,356		\$0			

Year	Value	Change
2007	\$1,206,443,805	1.73%
2008	\$1,227,263,216	0.34%
2009	\$1,231,444,380	-5.47%
2010	\$1,164,074,019	-2.34%
2011	\$1,136,812,841	-1.39%
2012	\$1,120,963,914	-1.43%
5 yr. avg. change: -1.43%		
2012 SEV	\$1,158,136,930	

IFT Taxable Value:	2012
New	\$0
Rehab.	\$0
Eq. IFT	\$0
Captured Taxable Value:	\$0
Debt Levy:	7.00
Levy Cycle:	
July	50.00%
December	50.00%
Total	100.00%
Allowance for Delinquency:	5.00%
June 30, 2012 Debt Fund Bal:	\$ 294,286
Less: Allowance for delinq.	\$ 294,286
Excess Balance Available	\$ -
June 30, 2012 SLRF Balance	\$ -
	NW
	4/9/2013



The PFM Group

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OKEMOS PUBLIC SCHOOLS
County of Ingham, State of Michigan
SCHEDULE OF EXISTING UTQ DEBT

Fiscal Year	Yr. End 30-Jun	1993 Refunding Bonds				2003 Refunding Bonds				TOTAL UTQ DEBT	TOTAL PRINCIPAL PAYMENT
		Interest Due 1-Nov	Interest Rates	Principal Due 1-May	Total Payment	Interest Due 1-Nov	Interest Rates	Principal Due 1-May	Total Payment		
2012	2013	\$0	6.450%	\$1,839,058	\$4,810,943	\$40,178	4.250%	\$275,000	\$40,178	\$2,114,058	\$7,005,356
2013	2014	-	6.500%	1,798,230	5,201,770	34,334	4.000%	305,000	34,334	2,103,230	7,373,669
2014	2015	-	6.500%	1,772,334	5,582,666	28,234	4.125%	335,000	28,234	2,107,334	7,746,469
2015	2016	-	6.500%	1,749,550	5,990,450	21,325	4.250%	335,000	21,325	2,084,550	8,117,650
2016	2017	-	6.550%	1,706,866	6,438,134	14,206	4.375%	310,000	14,206	2,016,866	8,483,413
2017	2018	-	6.550%	1,682,851	6,882,149	7,425	4.400%	225,000	7,425	1,907,851	8,804,850
2018	2019	-	6.550%	1,659,732	7,350,268	2,475	4.500%	110,000	2,475	1,769,732	9,124,950
2019	2020	-	6.550%	1,636,427	7,838,573	-	-	-	-	1,636,427	9,475,000
2020	2021	-	6.550%	1,612,823	8,347,177	-	-	-	-	-	9,960,000
2021	2022	-	-	-	-	-	-	-	-	-	-
2022	2023	-	-	-	-	-	-	-	-	-	-
2023	2024	-	-	-	-	-	-	-	-	-	-
		\$0	-	\$15,457,871	\$58,442,129	\$148,178	-	\$1,895,000	\$148,178	\$17,352,871	\$76,091,356



The PFM Group
 Public Financial Management, Inc.
 PFM Asset Management LLC
 PFM Advisors

305 E. Eisenhower Parkway
 Suite 112
 Ann Arbor, MI 48108

734.964.9700
 734.964.97100 fax
 www.pfm.com

OKEMOS PUBLIC SCHOOLS
 County of Ingham, State of Michigan

SCHEDULE OF PROJECTED MILLAGE REQUIRED TO REPAY BONDED DEBT

Levy Year	Calendar Yr. End 30-Jun	Taxable Value		Use of			Existing UTQ Debt & Mills		SLRF Activity at		30-Jun SLRF Balance
		Projected Taxable Value [1]	Growth	Funds on Hand	UTQ Debt	Net Existing UTQ Debt	Total UTQ Mills Levied	1-Jul SLRF Balance	Amount Borrowed (Repaid)		
2012	2013	\$1,120,963,914		\$841,391	\$7,005,356	\$7,846,747	7.00	\$0	0	\$0	5.00%
2013	2014	1,104,934,130	-1.43%	360,870	7,373,669	7,734,539	7.00	0	0	0	
2014	2015	1,089,133,572	-1.43%	(122,534)	7,746,469	7,623,935	7.00	0	0	0	
2015	2016	1,073,558,962	-1.43%	(602,737)	8,117,650	7,514,913	7.00	0	0	0	
2016	2017	1,058,207,069	-1.43%	(476,990)	8,483,413	8,006,422	7.00	0	598,973	603,964	
2017	2018	1,043,074,708	-1.43%	-	8,804,850	8,804,850	7.00	603,964	1,503,327	2,150,481	
2018	2019	1,074,366,949	3.00%	-	9,124,950	9,124,950	7.00	2,150,481	1,604,381	3,877,406	
2019	2020	1,106,597,957	3.00%	-	9,475,000	9,475,000	7.00	3,877,406	1,728,814	5,817,473	
2020	2021	1,139,795,896	3.00%	-	9,960,000	9,960,000	7.00	5,817,473	1,981,429	8,110,751	
2021	2022	1,173,989,773	3.00%	-	-	-	7.00	8,110,751	(8,217,928)	236,101	
2022	2023	1,209,209,466	3.00%	-	-	-	0.20	236,101	(246,037)	0	
2023	2024	1,245,485,750	3.00%	-	-	-	0.00	0	0	0	
				\$0	\$76,091,356	\$76,091,356			(\$1,047,042)		
									\$1,047,042		

SLRF Interest:

NW
 4/9/2013

Okemos School District
20 Year Taxable Value Growth

Year	Taxable Value	Change
1992	532,551,200	
1993	547,600,794	2.83%
1994	590,182,671	7.78%
1995	637,263,537	7.98%
1996	666,102,040	4.53%
1997	706,783,899	6.11%
1998	753,029,889	6.54%
1999	807,371,424	7.22%
2000	845,204,846	4.69%
2001	922,136,528	9.10%
2002	970,812,668	5.28%
2003	1,000,226,947	3.03%
2004	1,045,770,759	4.55%
2005	1,087,569,334	4.00%
2006	1,139,222,620	4.75%
2007	1,206,443,805	5.90%
2008	1,227,263,216	1.73%
2009	1,231,444,380	0.34%
2010	1,164,074,019	-5.47%
2011	1,136,812,841	-2.34%
2012	1,120,963,914	-1.39%
20 Year Average:		<u><u>3.86%</u></u>

BONDING PROPOSAL

Shall Okemos Public Schools, Ingham County, Michigan, borrow the sum of not to exceed Seven Million Five Hundred Thousand Dollars (\$7,500,000) and issue its general obligation unlimited tax bonds therefor, for the purpose of:

acquiring and installing educational technology and related cabling in school facilities; remodeling, equipping and re-equipping and furnishing and refurbishing school facilities, in part for security purposes; purchasing school buses; and equipping athletic facilities?

The following is for informational purposes only:

The estimated millage that will be levied for the proposed bonds in 2014, under current law, is 0 mills (\$0.00 on each \$1,000 of taxable valuation). The maximum number of years the bonds may be outstanding, exclusive of any refunding, is six (6) years. The estimated simple average annual millage anticipated to be required to retire this bond debt is .93 mill (\$0.93 on each \$1,000 of taxable valuation).

The school district expects to borrow from the State School Bond Qualification and Loan Program to pay debt service on these bonds. The estimated total principal amount of that borrowing is \$8,293,188 and the estimated total interest to be paid thereon is \$3,048,185. The estimated duration of the millage levy associated with that borrowing is 10 years and the estimated computed millage rate for such levy is 7.00 mills. The estimated computed millage rate may change based on changes in certain circumstances.

The total amount of qualified bonds currently outstanding is \$17,352,871. The total amount of qualified loans currently outstanding is \$0.

(Pursuant to State law, expenditure of bond proceeds must be audited, and the proceeds cannot be used for repair or maintenance costs, teacher, administrator or employee salaries, or other operating expenses.)

Enrollment Projections

Name of School District: Okemos Public Schools

District Code Numl 33170

Complete this form after acquiring an enrollment projection report from an approved enrollment projection provider. Official enrollment projections should be based on the most recent fall membership count.

Grade	Preceding 5-Year Enrollment	Fall 2013 Current Enrollment	Fall 2018 Projected 5-Year Enrollment	Projected Enrollment Change (%)	
				(Col 4 - Col 3) / Col 3	5
1	2	3	4	5	
K		277	253	-8.66%	261
1		302	262	-13.25%	277
2		277	276	-0.36%	294
3		272	285	4.78%	306
4		276	315	14.13%	341
5		289	330	14.19%	347
6		313	358	14.38%	372
7		290	326	12.41%	338
8		300	312	4.00%	324
9		298	312	4.70%	324
10		315	318	0.95%	330
11		331	337	1.81%	348
12		324	306	-5.56%	314
Totals	4,052	3,864	3,990	3.26%	4,176

Projection Worksheet			
Enrollment Consultants Projections			
Low	Median	High	
6	7	8	
226	245	261	
216	247	277	
222	257	294	
224	264	306	
242	290	341	
276	312	347	
320	344	372	
290	314	338	
281	301	324	
280	300	324	
287	306	330	
306	327	348	
280	297	314	
3,450	3,804	4,176	

Subtotals by School District's Grade Configuration: *

K-4	1,404	1,391.00	-0.93%
5-6	602	687.50	14.20%
7-8	590	638.50	8.22%
9-12	1,268	1,273.00	0.39%
GENERAL ED TOTAL	4,052	3,990	3.26%

1,130	1,303	1,479
596	656	719
571	615	662
1,153	1,230	1,316
3,450	3,804	4,176

Early Childhood	92
Special Education	88
Alternative Education	3
Adult Education	99
NON-GEN ED TOTAL	282

Explanation of Method Selected
 Using the 1.5 standard unit limit; average most likely and high predictions. Note: Special Education = basic classrooms

*** Examples of possible grade configurations**

K-5	K-8	K-12
6-8	9-12	
9-12		

Prepared By: Robert D. Clark
 Source: Stanfred Consultants

Project Sheet

Project No.	1
Name of School Building:	Bennett Woods Elementary
Description of Proposal or Series 1 Project: Remodeling: Installing and upgrading cabling and electrical, clocks, speakers, security cameras, doors, locks, radio communication; Loose Furnishings/Equipment: Network servers, uninterrupted power supplies, data wiring, computers, rovers, cabling, mounts	Instructional Technology Description SmartBoards, projectors, document cameras, teacher computers, school provided devices
Description of Proposal or Series 2 Project:	
Description of Proposal or Series 3 Project:	
Site Work Description	

Type of Project:

- New Building → New Construction Square Ft. _____ Cost per Sq Ft _____
- Addition(s) → New Addition Square Ft. _____ Cost per Sq Ft _____
- Remodeling
- Facility Closing → Demolish Retain for future use Convert to non-instructional
- Site Work Sell or Lease Undetermined

Statement describing any existing environmental or usability problems the proposed project will address.
(ex: asbestos, energy use, or ADA requirements)

None noted

Estimated Cost of Proposed Construction Project: (Attach analysis showing how cost estimates were calculated.)

	Total	Proposal/Series 1	Proposal/Series 2	Proposal/Series 3
New Construction	\$0	\$0		
Remodelling	\$89,250	\$89,250		
Construction Contingencies	\$0	\$0		
Instructional Technology	\$456,046	\$456,046		
Loose Furnishing/Equipment	\$72,801	\$72,801		
Buses	\$0	\$0		
Site Work	\$0	\$0		
Site Acquisition	\$0	\$0		
Architectural Fees and Costs	\$0	\$0		
CM Fees and Costs	\$0	\$0		
Estimated Costs	\$618,097	\$618,097	\$0	\$0

(Not including election or bond issuance costs)

Certificate by Registered Architect

I certify that the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.

Signature	Robert D. Clark, Director of Finance	No Architect Used
	Printed Name	Firm Name and License Number
May 6, 2013	robert.clark@okemoschools.net	Phone 517.706.5016; Fax 517.347.0304
Date	E-mail Address	Area Code and Telephone Number

Building Utilization

Project No.	1
--------------------	---

Name of School Building
Bennett Woods Elementary

Existing/Adequate	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary	9	X	20	=	180
(3-5) Upper Elementary	9	X	25	=	225
(6-8) Junior High		X	22.5	=	0
(9-12) High School		X	21.25	=	0
Sub Totals	18				405
Remodeled	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary		X	20	=	0
(3-5) Upper Elementary		X	25	=	0
(6-8) Junior High		X	22.5	=	0
(9-12) High School		X	21.25	=	0
Sub Totals	0				0
Proposed New	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary		X	20	=	0
(3-5) Upper Elementary		X	25	=	0
(6-8) Junior High		X	22.5	=	0
(9-12) High School		X	21.25	=	0
Sub Totals	0				0
Total Teaching Stations	18		Total Capacity		405
Current Gr. Structure	K-4	Projected 5-Year Enrollment			383
Proposed Gr. Structure	K-4				
Utilization Percentage (Projected 5-Year Enrollment / Total Capacity)					95%

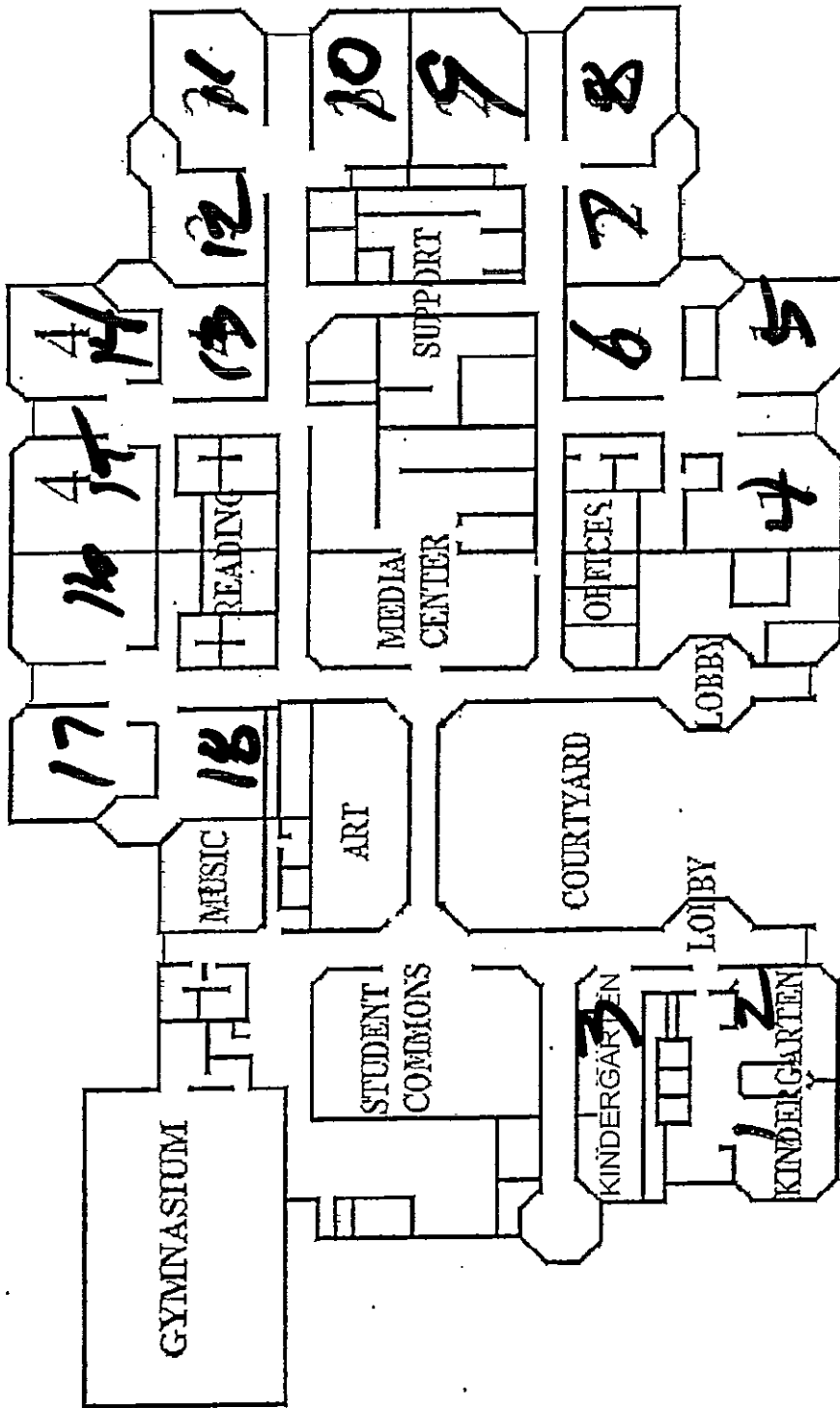
- 1 List the number of teaching station in appropriate column.
- 2 Calculate total capacity using the applicable capacity factor.
- 3 Enter five (5) year projected enrollment.
- 4 Calculate building utilization rate.
- 5 Attach floor and site plan of the building. Show the rooms and category (adequate, remodeled, proposed new, closed). **Number the teaching stations in consecutive order.**

Facility to be Closed	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary		X	20	=	0
(3-5) Upper Elementary		X	25	=	0
(6-8) Junior High		X	22.5	=	0
(9-12) High School		X	21.25	=	0
Total Teaching Stations	0				
Square Footage for Closed Facility			Total Capacity		0

Please transfer applicable information to the Utilization Summary on Page 7 of the application.

2013 Project 1

BENNETT WOODS ELEMENTARY



Project Sheet

Project No.	2	Cornell Elementary	
Name of School Building:			
Description of Proposal or Series 1 Project:		Instructional Technology Description	
Remodeling: Installing and upgrading cabling and electrical, clocks, speakers, security cameras, doors, locks, radio communication; Loose Furnishings/Equipment: Network servers, uninterrupted power supplies, data wiring, computers, rovers, cabling, mounts		SmartBoards, projectors, document cameras, teacher computers, school provided devices	
Description of Proposal or Series 2 Project:			
Description of Proposal or Series 3 Project:		Site Work Description	

Type of Project:

- New Building → New Construction Square Ft _____ Cost per Sq Ft _____
- Addition(s) → New Addition Square Ft _____ Cost per Sq Ft _____
- Remodeling
- Facility Closing → Demolish Retain for future use Convert to non-instructional
- Site Work Sell or Lease Undetermined

Statement describing any existing environmental or usability problems the proposed project will address.
(ex: asbestos, energy use, or ADA requirements)

None noted

Estimated Cost of Proposed Construction Project: (Attach analysis showing how cost estimates were calculated.)

	Total	Proposal/Series 1	Proposal/Series 2	Proposal/Series 3
New Construction	\$0	\$0		
Remodeling	\$83,346	\$83,346		
Construction Contingencies	\$0	\$0		
Instructional Technology	\$432,829	\$432,829		
Loose Furnishing/Equipment	\$64,712	\$64,712		
Buses	\$0	\$0		
Site Work	\$0	\$0		
Site Acquisition	\$0	\$0		
Architectural Fees and Costs	\$0	\$0		
CM Fees and Costs	\$0	\$0		
Estimated Costs	\$580,887	\$580,887	\$0	\$0

(Not including election or bond issuance costs)

Certificate by Registered Architect

I certify that the details of the proposed project(s) described above and the attached data relative to the construction project(s) are true and correct to the best of my knowledge and belief.

Signature May 6, 2013 Date	Robert D. Clark, Director of Finance Printed Name robert.clark@okemoschools.net E-mail Address	No Architect Used Firm Name and License Number Phone 517.706.5016; Fax 517.347.0304 Area Code and Telephone Number
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Building Utilization

3881

Project No.	2
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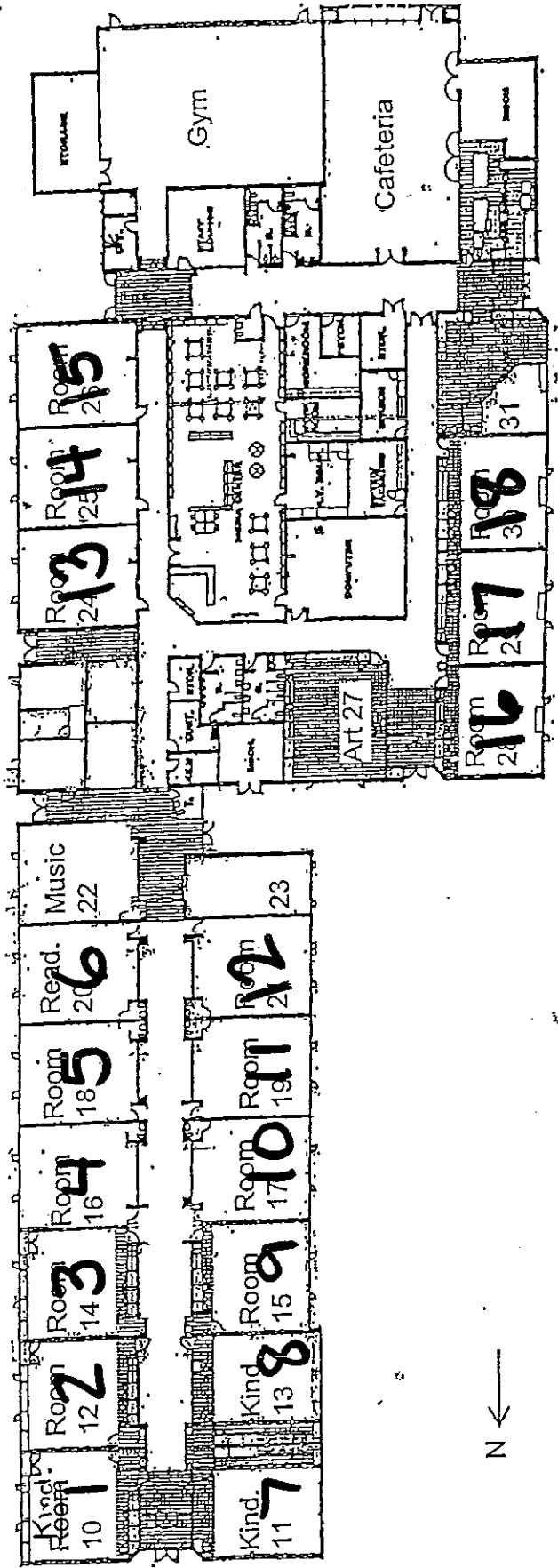
Name of School Building
Cornell Elementary

Existing/Adequate	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary	10	X	20	=	200
(3-5) Upper Elementary	8	X	25	=	200
(6-8) Junior High		X	22.5	=	0
(9-12) High School		X	21.25	=	0
Sub Totals	18				400
Remodeled	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary		X	20	=	0
(3-5) Upper Elementary		X	25	=	0
(6-8) Junior High		X	22.5	=	0
(9-12) High School		X	21.25	=	0
Sub Totals	0				0
Proposed New	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary		X	20	=	0
(3-5) Upper Elementary		X	25	=	0
(6-8) Junior High		X	22.5	=	0
(9-12) High School		X	21.25	=	0
Sub Totals	0				0
Total Teaching Stations	18		Total Capacity		400
Current Gr. Structure	K-4		Projected 5-Year Enrollment		363
Proposed Gr. Structure	K-4				
Utilization Percentage (Projected 5-Year Enrollment / Total Capacity)					91%

- 1 List the number of teaching station in appropriate column.
- 2 Calculate total capacity using the applicable capacity factor.
- 3 Enter five (5) year projected enrollment
- 4 Calculate building utilization rate.
- 5 Attach floor and site plan of the building. Show the rooms and category (adequate, remodeled, proposed new, closed). Number the teaching stations in consecutive order.

Facility to be Closed	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary		X	20	=	0
(3-5) Upper Elementary		X	25	=	0
(6-8) Junior High		X	22.5	=	0
(9-12) High School		X	21.25	=	0
Total Teaching Stations	0				
Square Footage for Closed Facility			Total Capacity		0

Please transfer applicable information to the Utilization Summary on Page 7 of the



Cornell Elementary School

2013 Project 2

Project Sheet

Project No.	3
Name of School Building:	Hiawatha Elementary
Description of Proposal or Series 1 Project: Remodeling: Installing and upgrading cabling and electrical, clocks, speakers, security cameras, doors, locks, radio communication; Loose Furnishings/Equipment: Network servers, uninterrupted power supplies, data wiring, computers, rovers, cabling, mounts	Instructional Technology Description SmartBoards, projectors, document cameras, teacher computers, school provided devices
Description of Proposal or Series 2 Project:	Site Work Description
Description of Proposal or Series 3 Project:	

Type of Project:

- New Building → New Construction Square Ft _____ Cost per Sq Ft _____
- Addition(s) → New Addition Square Ft _____ Cost per Sq Ft _____
- Remodeling
- Facility Closing → Demolish Retain for future use Convert to non-instructional
- Site Work Sell or Lease Undetermined

Statement describing any existing environmental or usability problems the proposed project will address. (ex: asbestos, energy use, or ADA requirements)

None noted

Estimated Cost of Proposed Construction Project: (Attach analysis showing how cost estimates were calculated.)

	Total	Proposal/Series 1	Proposal/Series 2	Proposal/Series 3
New Construction	\$0	\$0		
Remodeling	\$85,528	\$85,528		
Construction Contingencies	\$0	\$0		
Instructional Technology	\$447,755	\$447,755		
Loose Furnishing/Equipment	\$64,712	\$64,712		
Buses	\$0	\$0		
Site Work	\$0	\$0		
Site Acquisition	\$0	\$0		
Architectural Fees and Costs	\$0	\$0		
CM Fees and Costs	\$0	\$0		
Estimated Costs	\$597,995	\$597,995	\$0	\$0

(Not including election or bond issuance costs)

Certificate by Registered Architect	
I certify that the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.	
Signature May 6, 2013 Date	Robert D. Clark, Director of Finance Printed Name robert.clark@okemoschools.net E-mail Address No Architect Used Firm Name and License Number Phone 517.706.5016; Fax 517.347.0304 Area Code and Telephone Number

Building Utilization

Project No.	3
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Name of School Building	Hiawatha Elementary
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Existing/Adequate	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K) Lower Elementary	12	X	20	=	240
(1-4) Upper Elementary	12	X	25	=	300
(6-8) Junior High		X	22.5	=	0
(9-12) High School		X	21.25	=	0
Sub Totals	24				540

Remodeled	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary		X	20	=	0
(3-5) Upper Elementary		X	25	=	0
(6-8) Junior High		X	22.5	=	0
(9-12) High School		X	21.25	=	0
Sub Totals	0				0

Proposed New	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary		X	20	=	0
(3-5) Upper Elementary		X	25	=	0
(6-8) Junior High		X	22.5	=	0
(9-12) High School		X	21.25	=	0
Sub Totals	0				0

Total Teaching Stations	24	Total Capacity	540
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Current Gr. Structure	K-4	Projected 5-Year Enrollment	375
Proposed Gr. Structure	K-4		

Utilization Percentage (Projected 5-Year Enrollment / Total Capacity)	69%
---------------------------------------------------------------------------------	------------

- 1 List the number of teaching station in appropriate column.
- 2 Calculate total capacity using the applicable capacity factor.
- 3 Enter five (5) year projected enrollment.
- 4 Calculate building utilization rate.
- 5 Attach floor and site plan of the building. Show the rooms and category (adequate, remodeled, proposed new, closed). Number the teaching stations in consecutive order.

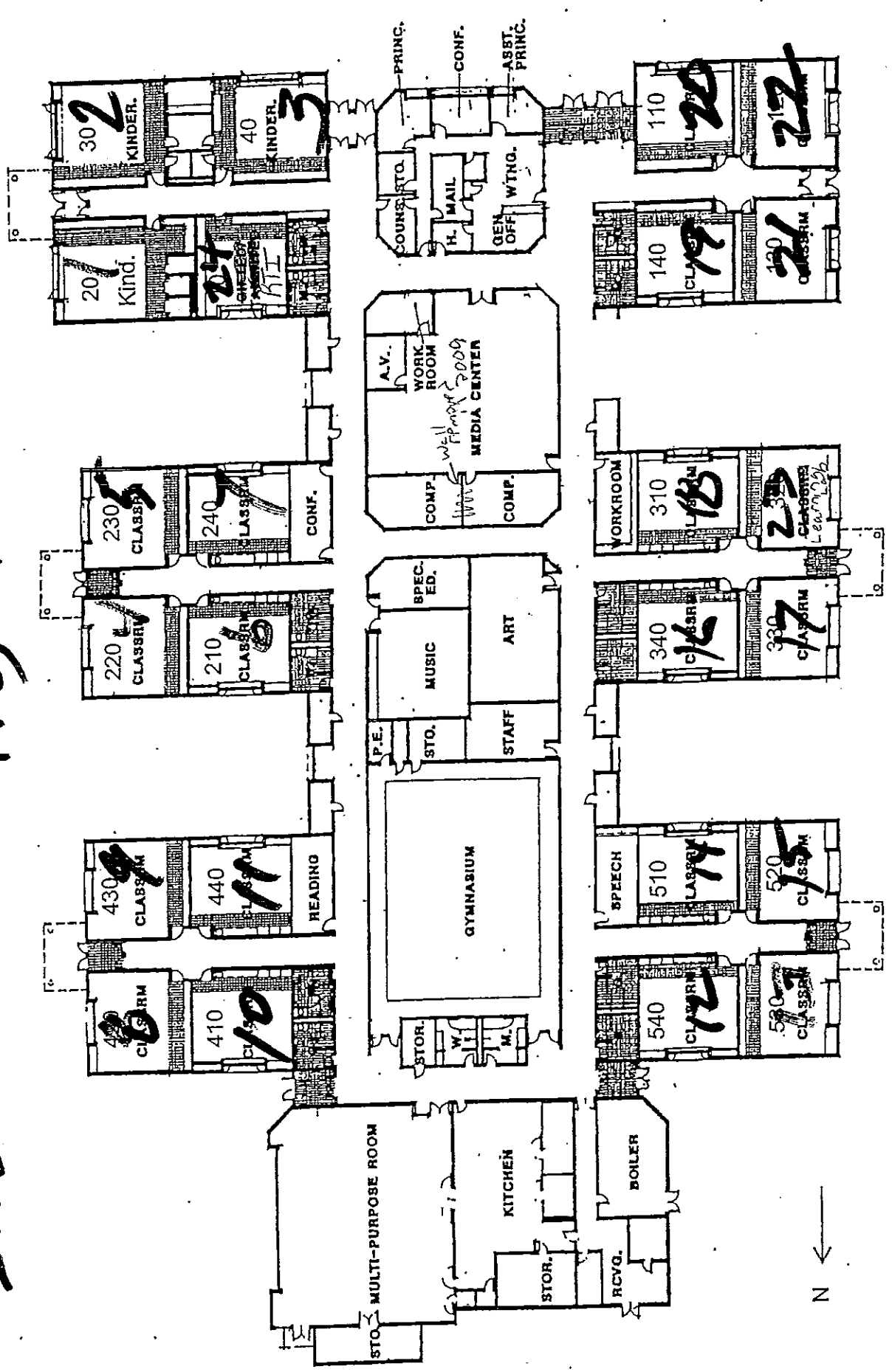
Facility to be Closed	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary		X	20	=	0
(3-5) Upper Elementary		X	25	=	0
(6-8) Junior High		X	22.5	=	0
(9-12) High School		X	21.25	=	0
Total Teaching Stations	0				0

Square Footage for Closed Facility		Total Capacity	0
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Please transfer applicable information to the Utilization Summary on Page 7 of the application.

2013

Project 3



Hlawatha Elementary School

Project Sheet

Project No.	4
Name of School Building: Okemos Public Montessori	
Description of Proposal or Series 1 Project: Remodeling: Installing and upgrading cabling and electrical, clocks, speakers, security cameras, doors, locks, radio communication; Loose Furnishings/Equipment: Network servers, uninterrupted power supplies, data wiring, computers, rovers, cabling, mounts	Instructional Technology Description SmartBoards, projectors, document cameras, teacher computers, school provided devices
Description of Proposal or Series 2 Project:	Site Work Description
Description of Proposal or Series 3 Project:	

Type of Project:

- New Building → New Construction Square Ft _____ Cost per Sq Ft _____
- Addition(s) → New Addition Square Ft _____ Cost per Sq Ft _____
- Remodeling
- Facility Closing → Demolish Retain for future use Convert to non-instructional
- Site Work Sell or Lease Undetermined

Statement describing any existing environmental or usability problems the proposed project will address.
(ex: asbestos, energy use, or ADA requirements)

None noted

Estimated Cost of Proposed Construction Project: (Attach analysis showing how cost estimates were calculated.)

	Total	Proposal/Series 1	Proposal/Series 2	Proposal/Series 3
New Construction	\$0	\$0		
Remodeling	\$62,086	\$62,086		
Construction Contingencles	\$0	\$0		
Instructional Technology	\$321,720	\$321,720		
Loose Furnishing/Equipment	\$48,534	\$48,534		
Buses	\$0	\$0		
Site Work	\$0	\$0		
Site Acquisition	\$0	\$0		
Architectural Fees and Costs	\$0	\$0		
CM Fees and Costs	\$0	\$0		
Estimated Costs	\$432,340	\$432,340	\$0	\$0

(Not including election or bond issuance costs)

Certificate by Registered Architect			
I certify that the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.			
	Robert D. Clark, Director of Finance	No Architect Used	
Signature	Printed Name	Firm Name and License Number	
May 6, 2013	robert.clark@okemoschools.net	Phone 517.706.5016; Fax 517.349.6235	
Date	E-mail Address	Area Code and Telephone Number	

Building Utilization

Project No.	4
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Name of School Building
Okemos Public Montessori

Existing/Adequate	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary	9	X	20	=	180
(3-5) Upper Elementary	7	X	25	=	175
(6-8) Junior High		X	22.5	=	0
(9-12) High School		X	21.25	=	0
Sub Totals	16				355

Remodeled	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary		X	20	=	0
(3-5) Upper Elementary		X	25	=	0
(6-8) Junior High		X	22.5	=	0
(9-12) High School		X	21.25	=	0
Sub Totals	0				0

Proposed New	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary		X	20	=	0
(3-5) Upper Elementary		X	25	=	0
(6-8) Junior High		X	22.5	=	0
(9-12) High School		X	21.25	=	0
Sub Totals	0				0

Total Teaching Stations	16	Total Capacity	355
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Current Gr. Structure	K-4	Projected 5-Year Enrollment	272
Proposed Gr. Structure	K-4		

Utilization Percentage (Projected 5-Year Enrollment / Total Capacity)	77%
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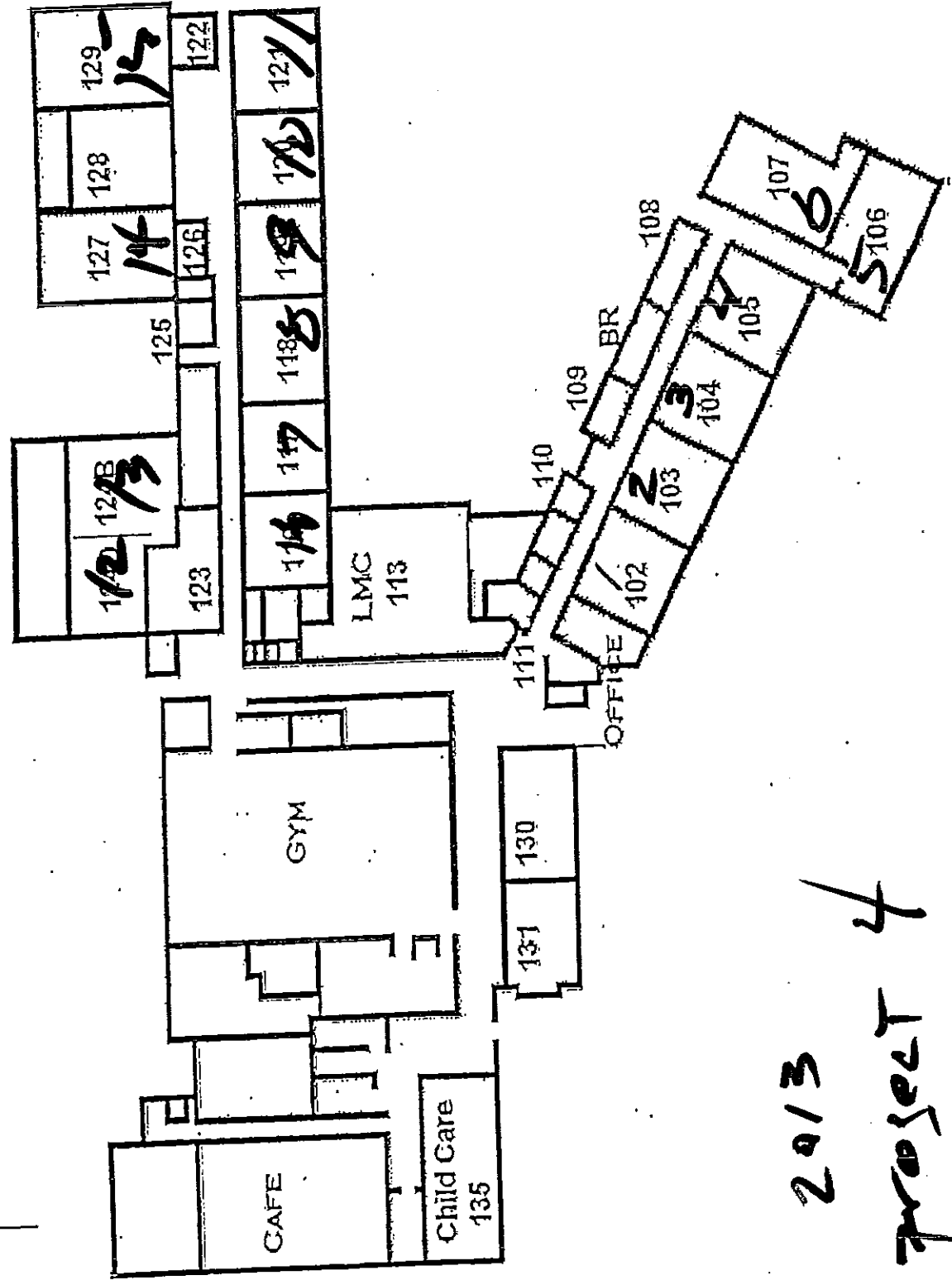
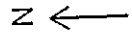
- 1 List the number of teaching station in appropriate column.
- 2 Calculate total capacity using the applicable capacity factor.
- 3 Enter five (5) year projected enrollment
- 4 Calculate building utilization rate.
- 5 Attach floor and site plan of the building. Show the rooms and category (adequate, remodeled, proposed new, closed). Number the teaching stations in consecutive order.

Facility to be Closed	List # of	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary	X		20	=	0
(3-5) Upper Elementary	X		25	=	0
(6-8) Junior High	X		22.5	=	0
(9-12) High School	X		21.25	=	0
Total Teaching Stations	0				

Square Footage for Closed Facility		Total Capacity	0
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Please transfer applicable information to the Utilization Summary on Page 7 of the application.

Montessori



2013 project 4

Okemos Public Schools
Technology Bond purchase itemization

Project 1-4 Cost Breakdown

Elementary		(K-4)		
Instructional Technology	Count	@ cost		Category Cost
Projectors	80	600		48,000
SmartBoards	20	1,500		30,000
Sound Systems	20	1,500		30,000
Document Cameras	20	600		12,000
Cabling Mounts	20	700		14,000
Teacher Computers	80	1,400		112,000
Cameras/Camcorders	3	3,333		10,000
Sound and Lighting				7,500
School Provided Device*	1,641	850		1,394,850
				<u>1,658,350</u>
Building Security (redmodeling)				
Security Cameras	40	1,200		48,000
Security Doors/Locks (interior)	120	1,333		160,000
Security Doors/Locks (exterior)	22	1,564		34,400
				<u>242,400</u>
Allocated Costs	allocation based on % of 5 year enrollment			
Loose Furnishing/Equipment				250,759
Remodeling				77,810
				<u>2,229,319</u>
Total Elementary				

*1:1 personal device, such as tablet, ultrabook, tbd

Summary of Totals	Instr Tech	Loose F/E	Security (Remodeling)	District alloc Remodeling	Total
1 Bennett Woods**	456,046	72,801	66,660	22,590	618,097
2 Cornell **	432,829	64,712	63,266	20,080	580,887
3 Hiawatha**	447,755	64,712	65,448	20,080	597,995
4 Montessori**	321,720	48,534	47,026	15,060	432,340
					<u>2,229,319</u>
Total Elementary					

Project Sheet

Project No.	5
Name of School Building: Kinawa School	
Description of Proposal or Series 1 Project: Remodeling: Installing and upgrading cabling and electrical, clocks, speakers, security cameras, doors, locks, radio communication; Loose Furnishings/Equipment: Network servers, uninterrupted power supplies, data wiring, computers, rovers, cabling, mounts	Instructional Technology Description SmartBoards, projectors, document cameras, teacher computers, school provided devices
Description of Proposal or Series 2 Project:	Site Work Description
Description of Proposal or Series 3 Project:	

Type of Project:

- New Building → New Construction Square Ft _____ Cost per Sq Ft _____
- Addition(s) → New Addition Square Ft _____ Cost per Sq Ft _____
- Remodeling
- Facility Closing → Demolish Retain for future use Convert to non-instructional
- Site Work Sell or Lease Undetermined

Statement describing any existing environmental or usability problems the proposed project will address.
(ex: asbestos, energy use, or ADA requirements)

None noted

Estimated Cost of Proposed Construction Project: (Attach analysis showing how cost estimates were calculated.)

	Total	Proposal/Series 1	Proposal/Series 2	Proposal/Series 3
New Construction	\$0	\$0		
Remodelling	\$168,960	\$168,960		
Construction Contingencies	\$0	\$0		
Instructional Technology	\$766,900	\$766,900		
Loose Furnishing/Equipment	\$129,424	\$129,424		
Buses	\$0	\$0		
Site Work	\$0	\$0		
Site Acquisition	\$0	\$0		
Architectural Fees and Costs	\$0	\$0		
CM Fees and Costs	\$0	\$0		
Estimated Costs	\$1,065,284	\$1,065,284	\$0	\$0

(Not including election or bond issuance costs)

Certificate by Registered Architect		
I certify that the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.		
Signature May 6, 2013 Date	Robert D. Clark, Director of Finance Printed Name robert.clark@okemosschools.net E-mail Address	No Architect Used Firm Name and License Number Phone 517.706.5016; Fax 517.349.6235 Area Code and Telephone Number

Project 5 Cost Breakdown

(5-6)

Kinawa School

Instructional Technology	Count	@ Cost	Category Cost
Projectors	45	600	27,000
SmartBoards	10	1,500	15,000
Sound Systems	10	1,500	15,000
Document Cameras	10	600	6,000
Cabling Mounts	10	700	7,000
Teacher Computers	45	1,400	63,000
Computers for Lab	32	750	24,000
Cameras/Camcorders	1	7,500	7,500
Math/Sci curric/calcd/probes			20,000
Sound and Lighting			9,500
School Provided Device*	674	850	572,900
Total Instructional Technology			766,900

Building Security (remodeling)

Security Cameras	21	1,238	26,000
Security Doors/Locks (interior)	75	1,333	100,000
Security Doors/Locks (exterior)	2	1,400	2,800
			128,800

Allocated Costs	allocation based on % of 5 year enrollment	129,424
Loose Furnishing/Equipment		40,160
Remodeling		

Total Kinawa School

1,065,284

*1:1 personal device, such as tablet, ultrabook, tbd

Building Utilization

Project No.	5
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Name of School Building Kinawa School

Existing/Adequate	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary		x	20	=	0
(3-5) Upper Elementary		x	25	=	0
(6-8) Junior High	46	x	22.5	=	1,035
(9-12) High School		x	21.25	=	0
Sub Totals	46				1,035
Remodeled	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary		x	20	=	0
(3-5) Upper Elementary		x	25	=	0
(6-8) Junior High		x	22.5	=	0
(9-12) High School		x	21.25	=	0
Sub Totals	0				0
Proposed New	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary		x	20	=	0
(3-5) Upper Elementary		x	25	=	0
(6-8) Junior High		x	22.5	=	0
(9-12) High School		x	21.25	=	0
Sub Totals	0				0
Total Teaching Stations	46		Total Capacity		1,035
Current Gr. Structure	5-6		Projected 5-Year Enrollment		686
Proposed Gr. Structure	5-6				
Utilization Percentage (Projected 5-Year Enrollment / Total Capacity)					66%

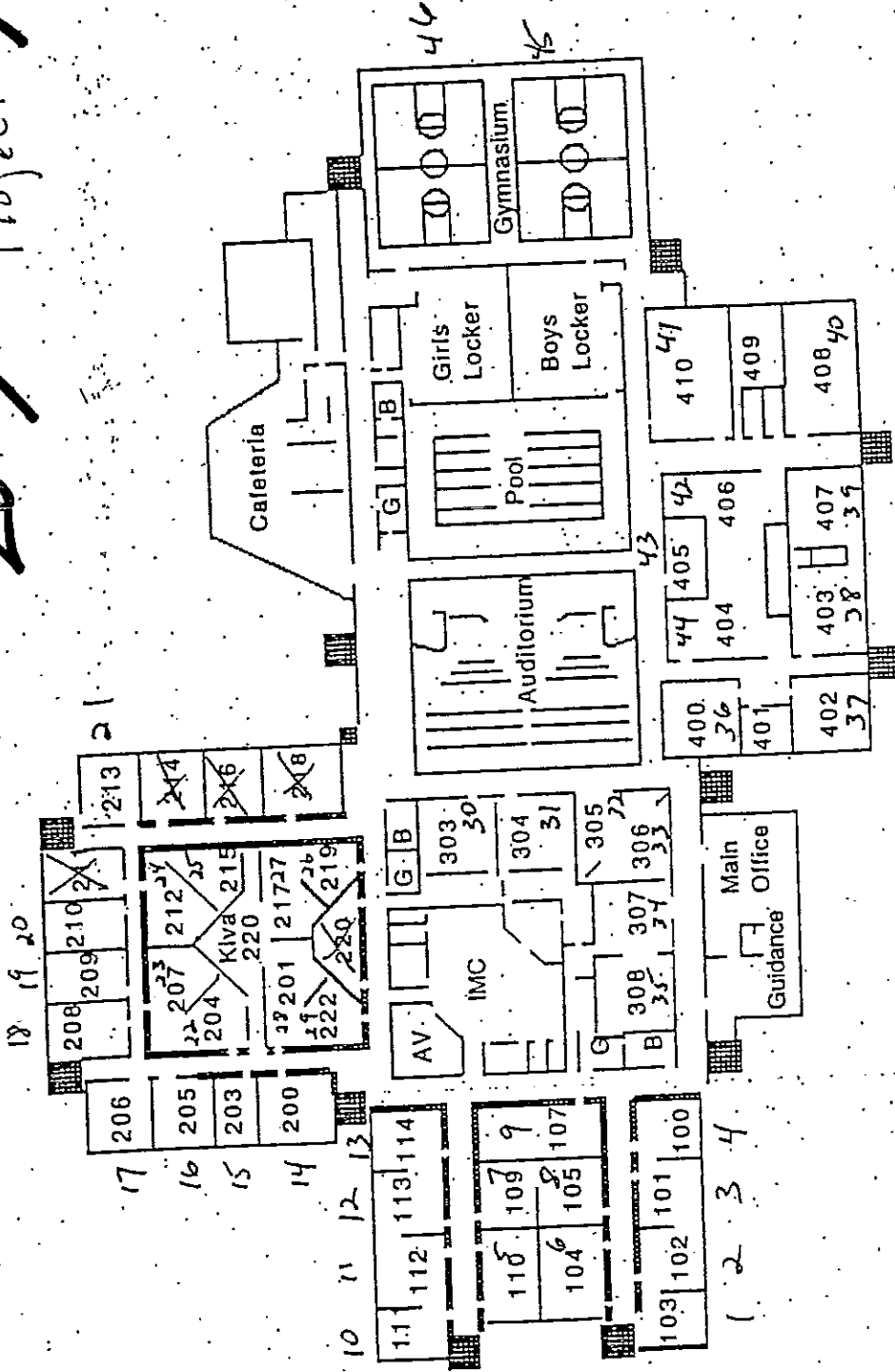
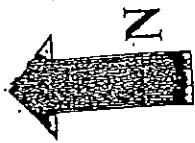
- 1 List the number of teaching station in appropriate column.
- 2 Calculate total capacity using the applicable capacity factor.
- 3 Enter five (5) year projected enr
- 4 Calculate building utilization
- 5 Attach floor and site plan of the building. Show the rooms and category (adequate, remodeled, proposed new, closed). Number the teaching stations in consecutive

Facility to be Closed	L	i	s	X	y	=	Capacity
(K-2) Lower Elementary	x				20	=	0
(3-5) Upper Elementary	x				25	=	0
(6-8) Junior High	x				22.5	=	0
(9-12) High School	x				21.25	=	0
Total Teaching Stations					0		
Square Footage for Closed Facility							0

Please transfer applicable information to the Utilization Summary on Page 7 of the application.

2013

Project 5



KINAWA MIDDLE SCHOOL

Project Sheet

Project No.	6
Name of School Building:	Chippewa Middle School
Description of Proposal or Series 1 Project:	Instructional Technology Description
Remodeling: Installing and upgrading cabling and electrical, clocks, speakers, security cameras, doors, locks, radio communication; Loose Furnishings/Equipment: Network servers, uninterrupted power supplies, data wiring, computers, covers, cabling, mounts	SmartBoards, projectors, document cameras, teacher computers, school provided devices
Description of Proposal or Series 2 Project:	Site Work Description
Description of Proposal or Series 3 Project:	

Type of Project:

- New Building → New Construction Square Ft _____ Cost per Sq Ft _____
- Addition(s) → New Addition Square Ft _____ Cost per Sq Ft _____
- Remodeling
- Facility Closing → Demolish Retain for future use Convert to non-instructional
- Site Work Sell or Lease Undetermined

Statement describing any existing environmental or usability problems the proposed project will address. (ex: asbestos, energy use, or ADA requirements)

None noted

Estimated Cost of Proposed Construction Project: (Attach analysis showing how cost estimates were calculated.)

	Total	Proposal/Series 1	Proposal/Series 2	Proposal/Series 3
New Construction	\$0	\$0		
Remodeling	\$171,140	\$171,140		
Construction Contingencies	\$0	\$0		
Instructional Technology	\$786,000	\$786,000		
Loose Furnishing/Equipment	\$113,246	\$113,246		
Buses	\$0	\$0		
Site Work	\$0	\$0		
Site Acquisition	\$0	\$0		
Architectural Fees and Costs	\$0	\$0		
CM Fees and Costs	\$0	\$0		
Estimated Costs	\$1,070,386	\$1,070,386	\$0	\$0

(Not including election or bond issuance costs)

Certificate by Registered Architect	
I certify that the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.	
Signature May 6, 2013 Date	Robert D. Clark, Director of Finance Printed Name robert.clark@okemoschools.net E-mail Address No Architect Used Firm Name and License Number Phone 517.706.5016; Fax 517.347.0304 Area Code and Telephone Number

Project 6 Cost Breakdown

Chippewa Middle School

(7-8)

Instructional Technology	Count	@ Cost	Category Cost
Projectors	45	600	27,000
SmartBoards	10	1,500	15,000
Sound Systems	13	1,500	19,500
Document Cameras	10	600	6,000
Cabling Mounts	10	700	7,000
Teacher Computers	45	1,400	63,000
Computers for Lab	32	750	24,000
Cameras/Camcorders	1	7,500	7,500
Audio/Vidio			25,000
Math/Sci curric/calc/probes			20,000
Sound and Lighting			11,000
School Provided Device*	660	850	561,000
			786,000
Building Security			
Security Cameras	26	1,231	32,000
Security Doors/Locks (interior)	75	1,333	100,000
Security Doors/Locks (exterior)	3	1,333	4,000
			136,000
Allocated Costs		allocation based on % of 5 year enrollment	
Loose Furnishing/Equipment			113,246
Remodeling			35,140
Total Chippewa Middle School			1,070,386

*1:1 personal device, such as tablet, ultrabook, tbd

Building Utilization

Project No.	6
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Name of School Building
Chippewa Middle Schools

Existing/Adequate	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary		x	20	=	0
(3-5) Upper Elementary		x	25	=	0
(6-8) Junior High	34	x	22.5	=	765
(9-12) High School		x	21.25	=	0
Sub Totals	34				765
Remodeled	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary		x	20	=	0
(3-5) Upper Elementary		x	25	=	0
(6-8) Junior High		x	22.5	=	0
(9-12) High School		x	21.25	=	0
Sub Totals	0				0
Proposed New	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary		x	20	=	0
(3-5) Upper Elementary		x	25	=	0
(6-8) Junior High		x	22.5	=	0
(9-12) High School		x	21.25	=	0
Sub Totals	0				0
Total Teaching Stations	34		Total Capacity		765
Current Gr. Structure	7-8	Projected 5-Year Enrollment		639	
Proposed Gr. Structure	7-8				
Utilization Percentage					84%
(Projected 5-Year Enrollment / Total Capacity)					

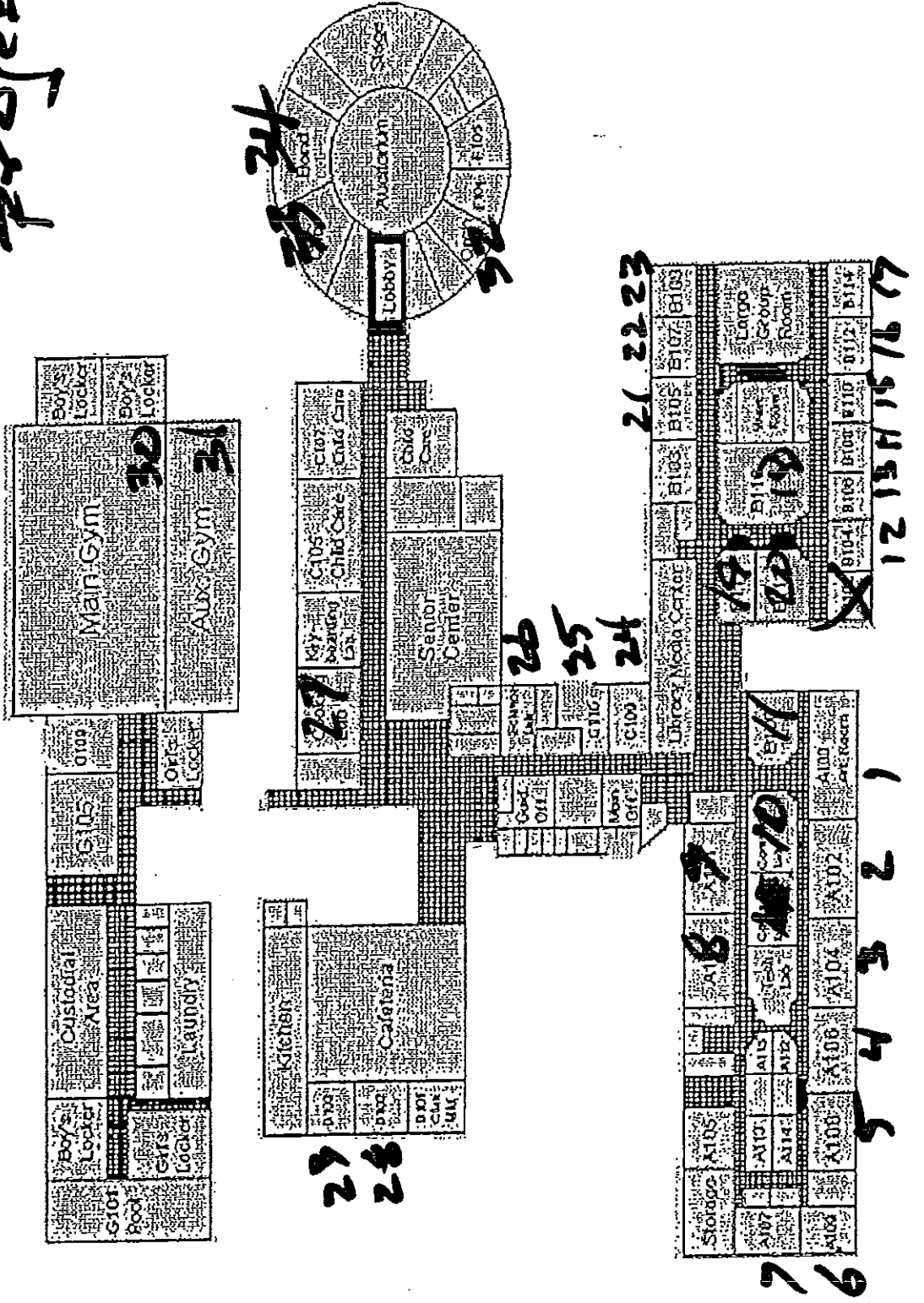
- 1 List the number of teaching station in appropriate column.
- 2 Calculate total capacity using the applicable capacity factor.
- 3 Enter five (5) year projected enrollment.
- 4 Calculate building utilization rate.
- 5 Attach floor and site plan of the building. Show the rooms and category (adequate, remodeled, proposed new, closed). **Number the teaching stations in consecutive order.**

Facility to be Closed	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary		x	20	=	0
(3-5) Upper Elementary		x	25	=	0
(6-8) Junior High		x	22.5	=	0
(9-12) High School		x	21.25	=	0
Total Teaching Stations	0				
Square Footage for Closed Facility			Total Capacity		0

Please transfer applicable information to the Utilization Summary on Page 7 of the application.

Chippewa Middle School

2013
Project 6



Project Sheet

Project No.	7
Name of School Building:	Okemos High School
Description of Proposal or Series 1 Project: Remodelling: Installing and upgrading cabling and electrical, clocks, speakers, security cameras, doors, locks, radio communication; Loose Furnishings/Equipment: Network servers, uninterrupted power supplies, data wiring, computers, rovers, cabling, mounts	Instructional Technology Description SmartBoards, projectors, document cameras, teacher computers, school provided devices
Description of Proposal or Series 2 Project:	
Description of Proposal or Series 3 Project:	
	Site Work Description Install athletic scoreboards

Type of Project:

- New Building → New Construction Square Ft _____ Cost per Sq Ft _____
- Addition(s) → New Addition Square Ft _____ Cost per Sq Ft _____
- Remodeling
- Facility Closing → Demolish Retain for future use Convert to non-instructional
- Site Work Sell or Lease Undetermined

Statement describing any existing environmental or usability problems the proposed project will address.
(ex: asbestos, energy use, or ADA requirements)

None noted

Estimated Cost of Proposed Construction Project: (Attach analysis showing how cost estimates were calculated.)

	Total	Proposal/Series 1	Proposal/Series 2	Proposal/Series 3
New Construction	\$0	\$0		
Remodeling	\$284,590	\$284,590		
Construction Contingencies	\$0	\$0		
Instructional Technology	\$1,673,300	\$1,673,300		
Loose Furnishing/Equipment	\$234,581	\$234,581		
Buses	\$0	\$0		
Site Work	\$86,950	\$86,950		
Site Acquisition	\$0	\$0		
Architectural Fees and Costs	\$0	\$0		
CM Fees and Costs	\$0	\$0		
Estimated Costs	\$2,279,421	\$2,279,421	\$0	\$0

(Not including election or bond issuance costs)

Certificate by Registered Architect	
I certify that the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.	
Signature May 6, 2013	Robert D. Clark, Director of Finance Printed Name robert.clark@okemoschools.net E-mail Address
	No Architect Used Firm Name and License Number Phone 517.708.5016; Fax 517.347.0304 Area Code and Telephone Number

Project 7 Cost Breakdown

Okemos High School			(9-12)
Instructional Technology	Count	@ Cost	Category Cost
Projectors	80	600	48,000
SmartBoards	30	1,500	45,000
Sound Systems	13	1,500	19,500
Document Cameras	10	1,500	15,000
Cabling Mounts	15	700	10,500
Teacher Computers	80	1,400	112,000
Computers for Lab	90	750	67,500
Photo Lab	1	7,500	7,500
Math/Sci curric/calc/probes			30,000
Sound and Lighting			113,000
School Provided Device*	1,418	850	1,205,300
			<u>1,673,300</u>
Security Cameras	40	1,225	49,000
Security Doors/Locks (interior)	120	1,333	160,000
Security Doors/Locks (exterior)	2	1,400	2,800
			<u>211,800</u>
Site Work			
Football Scoreboard	1	48,700	48,700
Baseball Scoreboard	1	14,700	14,750
Soccer Scoreboard	1	23,500	23,500
Allocated Costs			
Loose Furnishing/Equipment			234,581
Remodeling			72,790
Total Okemos High School			<u>2,279,421</u>

allocation based on % of 5 year enrollment

Building Utilization

Project No.	7
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Name of School Building
Okemos High School

Existing/Adequate	List # of Teaching Stations	x	Capacity Factor	=	Capacity
(K-2) Lower Elementary		x	20	=	0
(3-5) Upper Elementary		x	25	=	0
(6-8) Junior High		x	22.5	=	0
(9-12) High School	69	x	21.25	=	1,466
Sub Totals	69				1,466
Remodeled	List # of Teaching Stations	x	Capacity Factor	=	Capacity
(K-2) Lower Elementary		x	20	=	0
(3-5) Upper Elementary		x	25	=	0
(6-8) Junior High		x	22.5	=	0
(9-12) High School	0	x	21.25	=	0
Sub Totals	0				0
Proposed New	List # of Teaching Stations	x	Capacity Factor	=	Capacity
(K-2) Lower Elementary		x	20	=	0
(3-5) Upper Elementary		x	25	=	0
(6-8) Junior High		x	22.5	=	0
(9-12) High School		x	21.25	=	0
Sub Totals	0				0
Total Teaching Stations	69		Total Capacity		1,466
Current Gr. Structure	9-12		Projected 5-Year Enrollment		1,272
Proposed Gr. Structure	9-12				
Utilization Percentage (Projected 5-Year Enrollment / Total Capacity)					87%

- 1 List the number of teaching station in appropriate column.
- 2 Calculate total capacity using the applicable capacity factor.
- 3 Enter five (5) year projected enrollment.
- 4 Calculate building utilization rate.
- 5 Attach floor and site plan of the building. Show the rooms and category (adequate, remodeled, proposed new, closed). Number the teaching stations in consecutive order.

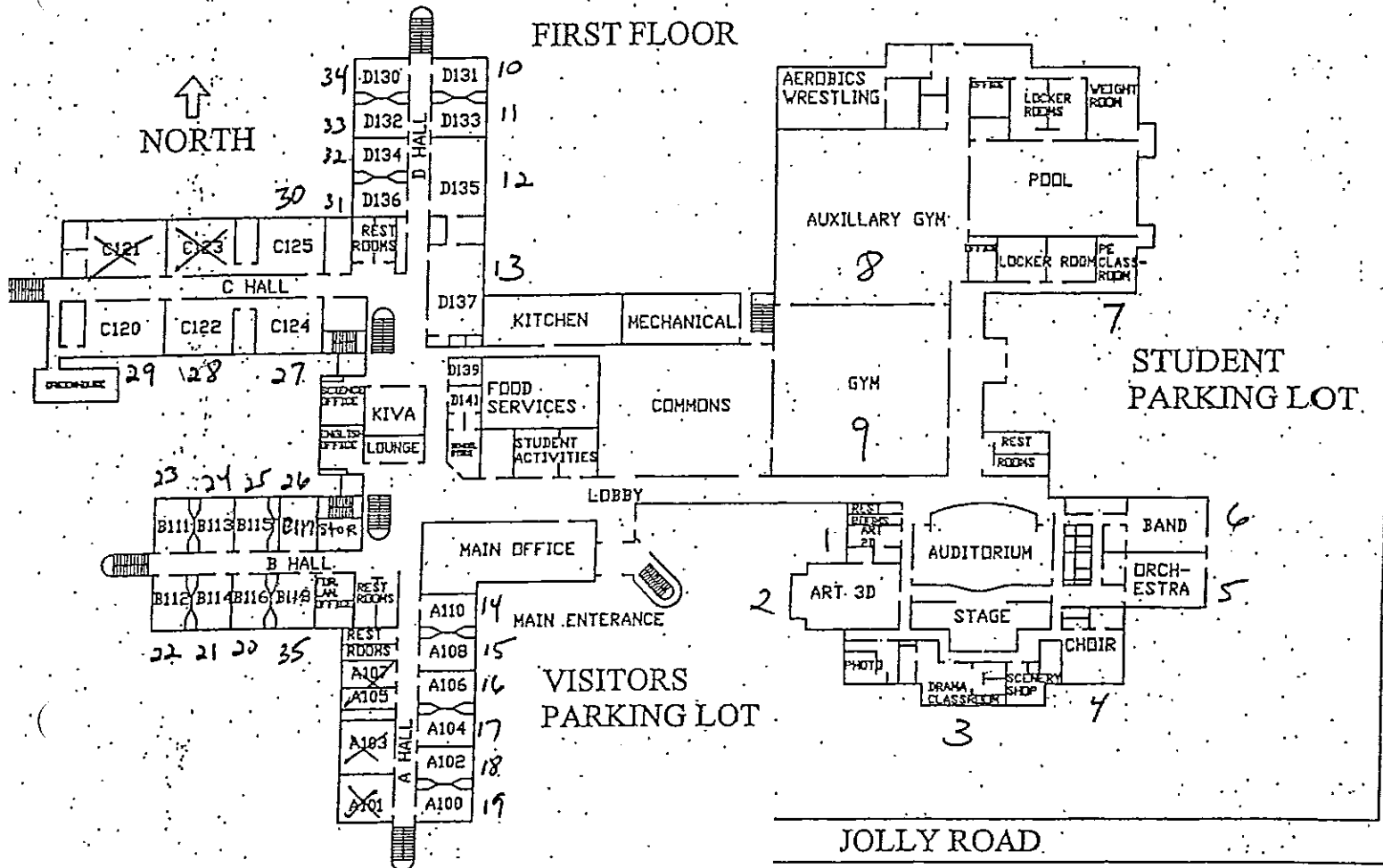
Facility to be Closed	List # of Teaching Stations	x	Capacity Factor	=	Capacity
(K-2) Lower Elementary		x	20	=	0
(3-5) Upper Elementary		x	25	=	0
(6-8) Junior High		x	22.5	=	0
(9-12) High School		x	21.25	=	0
Total Teaching Stations	0				
Square Footage for Closed Facility			Total Capacity		0

Please transfer applicable information to the Utilization Summary on Page 7 of the application.

OKEMOS HIGH SCHOOL

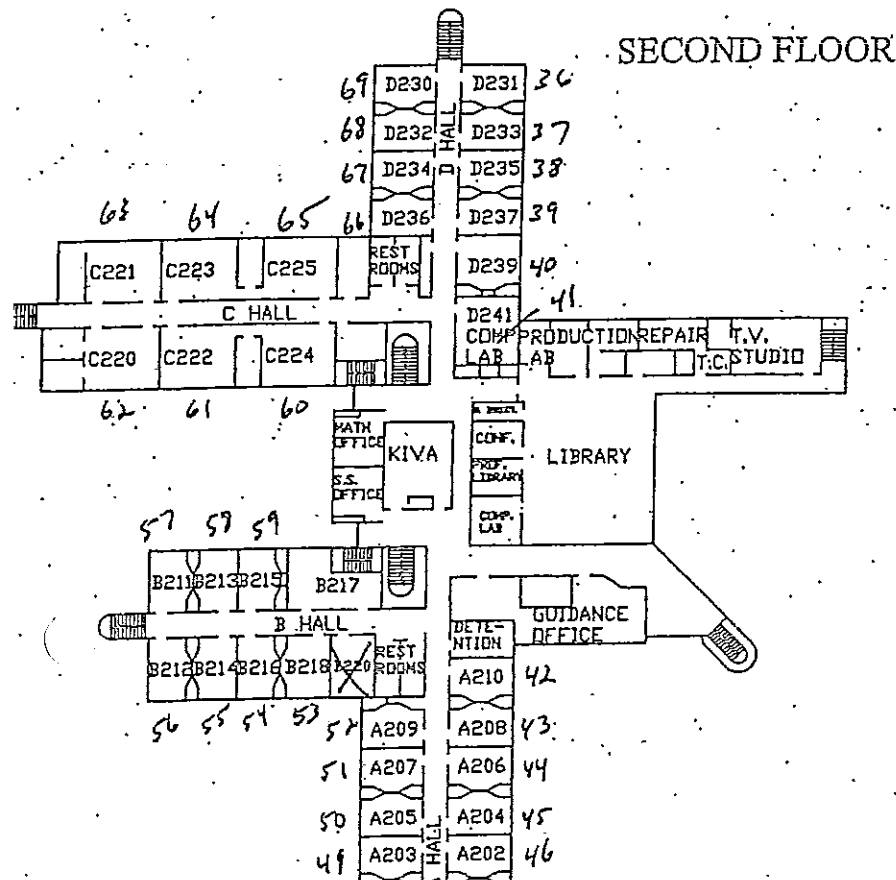
Project **7**

FIRST FLOOR



SECOND FLOOR

2013



Project Sheet

Project No.	8
Name of School Building:	
Administration Center	
Description of Proposal or Series 1 Project:	
Remodeling: Installing and upgrading cabling and electrical, clocks, speakers, security cameras, doors, locks, radio communication; Loose Furnishings/Equipment: Network servers, uninterrupted power supplies, data wiring, computers, rovers, cabling, mounts	
Description of Proposal or Series 2 Project:	
Description of Proposal or Series 3 Project:	

Instructional Technology Description
Site Work Description

Type of Project:

- New Building → New Construction Square Ft _____ Cost per Sq Ft _____
- Addition(s) → New Addition Square Ft _____ Cost per Sq Ft _____
- Remodeling
- Facility Closing → Demolish Retain for future use Convert to non-instructional
- Site Work Sell or Lease Undetermined

Statement describing any existing environmental or usability problems the proposed project will address. (ex: asbestos, energy use, or ADA requirements)

None noted

Estimated Cost of Proposed Construction Project: (Attach analysis showing how cost estimates were calculated.)

	Total	Proposal/Series 1	Proposal/Series 2	Proposal/Series 3
New Construction	\$0	\$0		
Remodeling	\$7,530	\$7,530		
Construction Contingencies	\$0	\$0		
Instructional Technology	\$0	\$0		
Loose Furnishing/Equipment	\$24,267	\$24,267		
Buses	\$0	\$0		
Site Work	\$0	\$0		
Site Acquisition	\$0	\$0		
Architectural Fees and Costs	\$0	\$0		
CM Fees and Costs	\$0	\$0		
Estimated Costs	\$31,797	\$31,797	\$0	\$0
<small>(Not including election or bond issuance costs)</small>				

Certificate by Registered Architect		
I certify that the data of the proposed project(s) described above and the attached data relative to the construction project(s) are true and correct to the best of my knowledge and belief.		
	Robert D. Clark, Director of Finance	No Architect Used
<small>Signature</small>	<small>Printed Name</small>	<small>Firm Name and License Number</small>
May 6, 2013	robert.clark@okemoschools.net	Phone 517.706.5016; Fax 517.347.0304
<small>Date</small>	<small>E-mail Address</small>	<small>Area Code and Telephone Number</small>

Project Sheet

Project No.	9
Name of School Building:	
Community Education	
Description of Proposal or Series 1 Project:	Instructional Technology Description
Remodeling: Installing and upgrading cabling and electrical, clocks, speakers, security cameras, doors, locks, radio communication; Loose Furnishings/Equipment: Network servers, uninterrupted power supplies, data wiring, computers, rovers, cabling, mounts	
Description of Proposal or Series 2 Project:	
	Site Work Description
Description of Proposal or Series 3 Project:	

Type of Project:

- New Building → New Construction Square Ft _____ Cost per Sq Ft _____
- Addition(s) → New Addition Square Ft. _____ Cost per Sq Ft _____
- Remodeling
- Facility Closing → Demolish Retain for future use Convert to non-instructional
- Site Work Sell or Lease Undetermined

Statement describing any existing environmental or usability problems the proposed project will address.
(ex: asbestos, energy use, or ADA requirements)

None noted

Estimated Cost of Proposed Construction Project: (Attach analysis showing how cost estimates were calculated.)

	Total	Proposal/Series 1	Proposal/Series 2	Proposal/Series 3
New Construction	\$0	\$0		
Remodeling	\$7,530	\$7,530		
Construction Contingencies	\$0	\$0		
Instructional Technology	\$0	\$0		
Loose Furnishing/Equipment	\$24,267	\$24,267		
Buses	\$0	\$0		
Site Work	\$0	\$0		
Site Acquisition	\$0	\$0		
Architectural Fees and Costs	\$0	\$0		
CM Fees and Costs	\$0	\$0		
Estimated Costs	\$31,797	\$31,797	\$0	\$0

(Not including election or bond issuance costs)

Certificate by Registered Architect		
I certify that the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.		
Signature May 6, 2013 Date	Robert D. Clark, Director of Finance Printed Name robert.clark@okemoschools.net E-mail Address	No Architect Used Firm Name and License Number Phone 517.706.5016; Fax 517.347.0304 Area Code and Telephone Number

Project Sheet

Project No.	10
Name of School Building:	Media and Technology
Description of Proposal or Series 1 Project: Remodeling: Installing and upgrading cabling and electrical, clocks, speakers, security cameras, doors, locks, radio communication; Loose Furnishings/Equipment: Network servers, uninterrupted power supplies, data wiring, computers, rovers, cabling, mounts	Instructional Technology Description
Description of Proposal or Series 2 Project:	
Description of Proposal or Series 3 Project:	Site Work Description

Type of Project:

- New Building → New Construction Square Ft _____ Cost per Sq Ft _____
- Addition(s) → New Addition Square Ft _____ Cost per Sq Ft _____
- Remodeling
- Facility Closing → Demolish Retain for future use Convert to non-instructional
- Site Work Sell or Lease Undetermined

Statement describing any existing environmental or usability problems the proposed project will address. (ex: asbestos, energy use, or ADA requirements)

None noted

Estimated Cost of Proposed Construction Project: (Attach analysis showing how cost estimates were calculated.)

	Total	Proposal/Series 1	Proposal/Series 2	Proposal/Series 3
New Construction	\$0	\$0		
Remodeling	\$7,530	\$7,530		
Construction Contingencies	\$0	\$0		
Instructional Technology	\$0	\$0		
Loose Furnishing/Equipment	\$24,267	\$24,267		
Buses	\$0	\$0		
Site Work	\$0	\$0		
Site Acquisition	\$0	\$0		
Architectural Fees and Costs	\$0	\$0		
CM Fees and Costs	\$0	\$0		
Estimated Costs	\$31,797	\$31,797	\$0	\$0

(Not including election or bond issuance costs)

Certificate by Registered Architect

I certify that the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.

Signature	Robert D. Clark, Director of Finance	No Architect Used
	Printed Name	Firm Name and License Number
May 6, 2013	robert.clark@okemosschools.net	Phone 517.706.5016; Fax 517.347.0304
Date	E-mail Address	Area Code and Telephone Number

Project Sheet

Project No.	11
Name of School Building:	
Building/Grounds/Print Shop	
Description of Proposal or Series 1 Project:	Instructional Technology Description
Remodeling: Installing and upgrading cabling and electrical, clocks, speakers, security cameras, doors, locks, radio communication; Loose Furnishings/Equipment: Network servers, uninterrupted power supplies, data wiring, computers, rovers, cabling, mounts	
Description of Proposal or Series 2 Project:	
	Site Work Description
Description of Proposal or Series 3 Project:	

Type of Project:

- New Building → New Construction Square Ft _____ Cost per Sq Ft _____
- Addition(s) → New Addition Square Ft _____ Cost per Sq Ft _____
- Remodeling
- Facility Closing → Demolish Retain for future use Convert to non-instructional
- Site Work Sell or Lease Undetermined

Statement describing any existing environmental or usability problems the proposed project will address.
(ex: asbestos, energy use, or ADA requirements)

None noted

Estimated Cost of Proposed Construction Project: (Attach analysis showing how cost estimates were calculated.)

	Total	Proposal/Series 1	Proposal/Series 2	Proposal/Series 3
New Construction	\$0	\$0		
Remodeling	\$2,510	\$2,510		
Construction Contingencies	\$0	\$0		
Instructional Technology	\$0			
Loose Furnishing/Equipment	\$8,089	\$8,089		
Buses	\$0	\$0		
Site Work	\$0	\$0		
Site Acquisition	\$0	\$0		
Architectural Fees and Costs	\$0	\$0		
CM Fees and Costs	\$0	\$0		
Estimated Costs	\$10,599	\$10,599	\$0	\$0

(Not including election or bond issuance costs)

Certificate by Registered Architect		
I certify that the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.		
	Robert D. Clark, Director of Finance	No Architect Used
Signature	Printed Name	Firm Name and License Number
May 6, 2013	robert.clark@okemossschools.net	Phone 517.706.5016; Fax 517.347.0304
Date	E-mail Address	Area Code and Telephone Number

Project Sheet

Project No.	12
Name of School Building:	Bus Garage
Description of Proposal or Series 1 Project: Purchase of Buses	Instructional Technology Description
Description of Proposal or Series 2 Project:	Site Work Description
Description of Proposal or Series 3 Project:	

Type of Project:

- New Building → New Construction Square Ft _____ Cost per Sq Ft _____
- Addition(s) → New Addition Square Ft _____ Cost per Sq Ft _____
- Remodeling
- Facility Closing → Demolish Retain for future use Convert to non-instructional
- Site Work Sell or Lease Undetermined

Statement describing any existing environmental or usability problems the proposed project will address.
(ex: asbestos, energy use, or ADA requirements)

None noted

Estimated Cost of Proposed Construction Project: *(Attach analysis showing how cost estimates were calculated.)*

	Total	Proposal/Series 1	Proposal/Series 2	Proposal/Series 3
New Construction	\$0	\$0		
Remodeling	\$0	\$0		
Construction Contingencies	\$0	\$0		
Instructional Technology	\$0	\$0		
Loose Furnishing/Equipment	\$0	\$0		
Buses	\$619,430	\$619,430		
Site Work	\$0	\$0		
Site Acquisition	\$0	\$0		
Architectural Fees and Costs	\$0	\$0		
CM Fees and Costs	\$0	\$0		
Estimated Costs	\$619,430	\$619,430	\$0	\$0

(Not including election or bond issuance costs)

Certificate by Registered Architect		
I certify that the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.		
Signature	Printed Name	Firm Name and License Number
May 6, 2013	Robert D. Clark, Director of Finance	No Architect Used
Date	E-mail Address	Area Code and Telephone Number
	robert.clark@okemossschools.net	Phone 517.706.5016; Fax 517.347.0304

Projects 8-12



	Alloc %	Loose F/E	Buses	Remodeling	Total
8 Administration Center	3%	24,267		7,530	31,797
9 Community Education	3%	24,267		7,530	31,797
10 Media and Technology	3%	24,267		7,530	31,797
11 Building/Grounds/Print Shop	1%	8,089		2,510	10,599
12 Bus Garage	-	-	619,430	-	619,430
Total 8-12	10%	80,890	619,430	25,100	725,420

Cost alloc to instr buildings based on 5 year enrollment projection; non instructional share in 10% total; Bus Garage buses only

**Allocation of Costs to Buildings
Loose Furnishings/Equipment**

Item	Count	@ Cost	Category Cost
Cisco Switches	14	8,000	112,000
Network Servers/SAN/Backup	1	142,000	142,000
Intrusion Protection System	1	20,000	20,000
Personal Device Mgmt	1	150,000	150,000
Uninterrupted Power Supplies	23	800	18,400
Admin/Support Computers	75	1,400	105,000
Okemos Channel	1	38,000	38,000
Data Wiring	1	24,000	24,000
Internet Filter	1	25,000	25,000
Video Over IP	2	3,000	6,000
Wireless Access Points	160	900	144,000
OCE Support Computers	10	900	9,000
Sound and Lighting			8,500
Rovers	2	3,500	7,000
			<u>808,900</u>

Remodeling costs allocated to buildings

Item	Count	@ Cost	Category Cost
Security Cameras	4	1,250	5,000
Security Doors/Locks (interior)	13	1,154	15,000
Security Doors/Locks (exterior)	6	1,833	11,000
E911 to Classroom			30,000
Radio Communication	10	1,000	10,000
Clocks/Bells/Speakers			175,000
ID Cards	500	10	5,000
			<u>251,000</u>
Total Allocated Costs	808,900		1,059,900

Cost allocation to instructional buildings based on 5 year enrollment projection

Summary		Loose F/E	Remodeling
1 Bennett Woods	9%	72,801	22,590
2 Cornell	8%	64,712	20,080
3 Hiawatha	8%	64,712	20,080
4 Montessori	6%	48,534	15,060
5 Kinawa	16%	129,424	40,160
6 Chippewa	14%	113,246	35,140
7 High School	29%	234,581	72,790
	90%	728,010	225,900

Building Utilization

Project No.	8-12	No Classroom Utilization
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Name of School Building
District Wide Improvements

Existing/Adequate	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary	0	X	20	=	0
(3-5) Upper Elementary	0	X	25	=	0
(6-8) Junior High	0	X	22.5	=	0
(9-12) High School	0	X	21.25	=	0
Sub Totals	0				0

8 Administration Center
9 Community Education
10 Media and Technology
11 Building/Grounds/Print Shop
12 Bus Garage

Remodeled	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary	0	X	20	=	0
(3-5) Upper Elementary	0	X	25	=	0
(6-8) Junior High	0	X	22.5	=	0
(9-12) High School	0	X	21.25	=	0
Sub Totals	0				0

Proposed New	List # of Teaching Stations	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary	0	X	20	=	0
(3-5) Upper Elementary	0	X	25	=	0
(6-8) Junior High	0	X	22.5	=	0
(9-12) High School	0	X	21.25	=	0
Sub Totals	0				0

Facility to be Closed	List # of	X	Capacity Factor	=	Capacity
(K-2) Lower Elementary	0	X	20	=	0
(3-5) Upper Elementary	0	X	25	=	0
(6-8) Junior High	0	X	22.5	=	0
(9-12) High School	0	X	21.25	=	0
Total Teaching Stations	0				

Total Teaching Stations	0	Total Capacity	0
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Square Footage for Closed Facility	Total Capacity	0
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Current Gr. Structure	n/a	Projected 5-Year Enrollment	0
Proposed Gr. Structure	n/a		

Utilization Percentage (Projected 5-Year Enrollment / Total Capacity)	n/a
---------------------------------------------------------------------------------	-----

Please transfer applicable information to the Utilization Summary on Page 7 of the application.

Utilization Summary

Name of School District: Okemos Public Schools
 District Code Number: 33170

List ALL district facilities in the following order: elementary schools, junior high/middle schools, high schools, and non-instructional facilities.

Proj. No.	Name of School Facility	Current Grade Structure	Proposed Grade Structure	Projected 5-Year Enrollment	Adequate Pupil Capacity	Remodel Pupil Capacity	New Pupil Capacity	Total Pupil Capacity	Utilization %	Closed Pupil Capacity
1	Bennett Woods Elementary	K-4	K-4	383	405			405	95%	
2	Cornell Elementary	K-4	K-4	363	400			400	91%	
3	Hiawatha Elementary	K-4	K-4	375	540			540	69%	
4	Okemos Public Montessori	K-4	K-4	272	355			355	77%	
5	Kinawa School	5-6	5-6	686	1,035			1,035	66%	
6	Chippewa School	7-8	7-8	639	765			765	84%	
7	Okemos High School	9-12	9-12	1,272	1,466			1,466	87%	
8	Administration Center	n/a	n/a							
9	Community Education	n/a	n/a							
10	Media and Technology	n/a	n/a							
11	Building/Grounds/Print Shop	n/a	n/a							
12	Bus Garage	n/a	n/a							
				3,990	4,966			4,966	80%	

Subtotals by School District's Grade Configuration

Elementary School	K-4	1,393						1,700	82%	
Junior High/Middle School	5-8	1,325						1,800	74%	
High School	9-12	1,272						1,466	87%	
Total:		3,990						4,966	80%	

Facility Summary

District Code Number: 33170

Name of School District: Okemos Public Schools

List ALL district facilities in the following order: elementary schools, junior high/middle schools, high schools, and non-instructional facilities.

Proj. No.	Col. 1 Facility Type*	Col. 2 Name of School Facility	Col. 3 Address	Col. 4 City	Col. 5 Year Built	Col. 6 Year(s) Remodeled	Col. 7 Site Size (Acres)	Col. 8 Total Sq.Ft.	Col. 9 Weighted Average Age	Col. 10 New Site (Acres)	Col. 11 Bldg In Use? Y/N	Col. 12 Sq Ft of Closed Facility	Col. 13 Disposition of Closed Facility**
1	instructional	Bennett Woods Elementary	2650 Bennett Road	Okemos	1993		30	53,718	20		Y		
2	instructional	Cornell Elementary	4371 Cornell Road	Okemos	1955	1958,1977	10	43,310	31		Y		
3	instructional	Hiawatha Elementary	1900 Kolly Road	Okemos	1988		19	62,081	25		Y		
4	instructional	Okemos Public Montessori	4406 N. Okemos Rd.	Okemos	1948	1952,1963	28	38,500	29		Y		
5	instructional	Kinawa School	1900 Kinawa Dr.	Okemos	1965	1994	72	159,310	47		Y		
6	instructional	Chippewa Middle School	4000 Okemos Rd.	Okemos	1958	63,66,77,96	78	196,750	48		Y		
7	instructional	Okemos High School	2800 Jolly Rd.	Okemos	1993		96	320,000	20		Y		
8	non-instructional	Administration Center	4406 N. Okemos Rd.	Okemos	1923	1968	n/a	18,000	89		Y		
9	non-instructional	Community Education	1826 Osage Rd	Okemos	1963	1966	15	33,110	54		Y		
10	non-instructional	Media and Technology	4406 N. Okemos Rd.	Okemos	1952		n/a	6,000	61		Y		
11	non-instructional	Building/Grounds/Print Shop	4406 N. Okemos Rd.	Okemos	1952		n/a	6,000	61		Y		
12	bus garage	Transportation Center	2700 Bennett Rd.	Okemos	1993		15	8,172	20		Y		
	instructional	Wardcliff	5150 Wardcliff Dr	E. Lansing	1955	1963	20	32,660	57		N		4
							383	971,611					

*Facility Type:	**Closed Facility Ref:
Instructional	1. Demolish
Non-Instructional	2. Convert to non-instr.
Bus Garage	3. Sell or lease
Storage	4. Retain for future use
Stadium	5. Undetermined

Cost Summary

District Code Number: 33170

Name of School District: Okemos Public Schools

Proj. #	Cost per Sq Foot	New Construction	Remodeling	Contingency	Instructional Technology	Loose Furn and Equip	Buses	Site Work	Site Acquisition	A/E Fees and Costs	CM Fees and Costs	Project Costs	Election/ Issue Costs	Total Cost
	2	4	5	6	7	8	9	10	11	12	13	14	15	16
1 Bennett Woods			\$89,250		\$456,046	\$72,801						\$618,097	12,623	630,720
2 Cornell			\$83,346		\$432,829	\$64,712						\$580,887	11,863	592,750
3 Hiawatha			\$85,528		\$447,755	\$64,712						\$597,995	12,213	610,208
4 Montessori			\$62,086		\$321,720	\$48,534						\$432,340	8,829	441,169
5 Kinawa			\$168,960		\$766,900	\$129,424						\$1,065,284	21,756	1,087,040
6 Chippewa			\$171,140		\$786,000	\$113,246						\$1,070,386	21,860	1,092,246
7 OPS			\$284,590		\$1,673,300	\$234,581		\$86,950				\$2,279,421	46,551	2,325,972
8 Admin. Ctr.			\$7,530			\$24,267						\$31,797	649	32,446
9 Community Ed			\$7,530			\$24,267						\$31,797	649	32,446
10 Media and Tech			\$7,530			\$24,267						\$31,797	649	32,446
11 Bldg/Grds/Print			\$2,510			\$6,089						\$10,599	216	10,815
12 Bus Garage			\$0			\$0	\$619,430					\$619,430	12,650	632,080
Total			\$970,000	\$0	\$4,884,550	\$808,900	\$619,430	\$86,950	\$0	\$0	\$0	\$7,369,830	150,510	7,520,340

17. % of Project Costs: (= The total of each column / the total of Column 14)

0.00%	13.16%	0.00%	66.28%	10.98%	8.40%	1.18%	0.00%	0.00%	0.00%
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3. Election/Bond Issue Costs:		% of Proj Cost	% of Proj Cost		
Bond (and Local) Attorney:	\$17,250	0.23%	Capitalized Interest:		
Financial Advisor:	\$16,150	0.21%	Official Statement:	\$4,500	0.06%
Qualification Fee:	\$5,400	0.07%	Election Notices:	\$15,310	0.20%
Treasury Filing Fee:	\$1,000	0.01%	Bond Discount:	\$75,000	1.00%
Auditor Review:	\$2,500	0.03%	Credit Rating:	\$13,000	0.17%
M.A.C. Fee:	400	0.01%			
Miscellaneous Costs*:	-	0.00%	Total Other Costs:	\$150,510	2.00%

(Prorate the total for each project in Col 14 and distribute prorate within Col 15.)

19. Funding:	
Total Estimated Cost of Project:	7,520,340
LESS:	-
Estimated Interest Earnings:	20,340
Other (specify):	-
AMOUNT OF PROPOSED ISSUE	7,500,000
(Amount to be Qualified)	

*Explanation of Miscellaneous Costs: N/A

Okemos Public Schools

Application for Preliminary Qualification of Bonds – May 6, 2013

Description of Cost Estimates

1. **District provided personal learning device to students (Instructional Technology).** Estimated at \$850 per device, based on current pricing provided by Apple, Dell, and providers offering comparable products such as tablets, notebooks, etc. Projected number of devices needed is 4,393, resulting in total projected total purchases of \$3,734,050.
2. **Additional Classroom Instructional Technology.** Includes projectors, SmartBoards, Document Cameras, Computers, Camcorders, Cabling/Mounts. Cost quotes provided by Dell, Apple, LightSpeed, REMC, CDWG). Total projected purchases: \$1,150,500.
3. **Buses.** Further description provided in separate attachment. Bus pricing starts at \$87,000 for first round of purchases during 2013-14 (current manufacturer pricing, with assistance from Holland Bus Co), and increases by 2% each year through 2015-16. Total projected purchases: \$619,430.
4. **Building Security System (Remodeling).** Includes security locks, cameras, radio communication, ID Tags, clocks, bells, speakers, E911 to classrooms. Cost quotes obtained from security technology firm Ingersoll Rand as well as Sound Engineering and Netech for other system components. Total projected purchases: \$970,000.
5. **Athletic Scoreboards (Site Work).** Cost quotes provided by ASG Fairplay and Daktronics. Total projected purchases: \$86,950.
6. **Infrastructure.** Includes Computers/Network Servers/Switches/Wireless Access Points/Cabling Mounts/Wiring/Sound/Rovers/other hardware components). Cost quotes provide by Dell, Apple, Challenger, VSC, Telesystems, MSC, Netech, CDWG, CET, REMC. Total projected purchases: \$808,900.

Summary

1. Personal Learning Devices: \$3,734,050 (column 7 cost summary)
2. Additional Classroom Instructional Technology: \$1,150,500 (column 7 cost summary)
3. Buses: \$619,430 (column 9 cost summary)
4. Building Security (Remodeling): \$970,000 (column 5 cost summary)
5. Athletic Scoreboards (Site Work): \$86,950 (column 10 cost summary)
6. Infrastructure (Loose Furnishing/Equip): \$808,900 (column 8 cost summary)

Total Project Costs: \$7,369,830

BUSES 2013

K-12 Technology/Transportation Committee

<u>Year</u>	<u>*Cost Per Bus</u>	<u>Number Purchased</u>	<u>Total Cost</u>
13-14	\$87,000	3	\$261,000
14-15	88,740	2	\$177,400
15-16	90,515	2	<u>\$181,030</u>
		7	\$619,430

*2% increase each year

Bus price includes video system and two way radio

Rationale for Seven Buses in Technology/Transportation Bond

- Newer buses typically result in fewer breakdowns on routes/roadways, which is safer for students than transferring to a different bus on the side of the road.
- Prior to 2004 the district consistently purchased 2 buses per year to maintain a 10 year cycle per bus.
- Purchasing buses through the bond has enabled the district to maintain a fleet rotation without affecting the operating budget each year.
- Reduce maintenance/labor costs especially on major items, i.e. transmissions and body work.
- Newer buses will meet stricter Federal environmental mandates.
- For every bus purchased, 1 retired bus would be sold with an average price of \$2000

Extra Curricular/Field Trip Buses

- Utilized frequently to cover the extracurricular sports, music, and classroom learning trips that overlap regular bus route times
- Used occasionally to cover regular route buses that are in the garage for maintenance

OKEMOS PUBLIC SCHOOLS BUS FLEET INVENTORY

<u>Bus #</u>	<u>Year</u>	<u>Chassis/Body</u>	<u>VIN</u>	<u>Cost</u>	<u>Capacity</u>	<u>Mileage</u>
22	2010	Cummins/Blue Bird	1BAKGCPA8AF273409	\$80,366.00	77	37,882
23	2010	Cummins/Blue Bird	1BAKGCPA4AF273410	\$80,366.00	77	48,904
8	2010	Cummins/Blue Bird	1BAKGCPAXAF273220	\$80,366.00	77	53,949
9	2010	Cummins/Blue Bird	1BAKGCPA1AF273221	\$80,366.00	77	59,239
14	2009	Cummins/Blue Bird	1BAKGCPA79F261912	\$81,850.00	77	55,399
15	2009	Cummins/Blue Bird	1BAKGCPA99F261913	\$81,850.00	77	49,616
16	2009	Cummins/Blue Bird	1BAKGCPAO9F261914	\$81,850.00	77	61,765
27	2009	Cummins/Blue Bird	1BAKGCPA19F256589	\$81,748.00	77	65,226
28	2009	Cummins/Blue Bird	1BAKGCPA89F256590	\$81,748.00	77	75,431
29	2009	Cummins/Blue Bird	1BAKGCPAX9F256591	\$81,748.00	77	73,597
3	2008	Thomas/Transit	1T88R4E2481294131	\$70,710.00	78	84,911
4	2008	Thomas/Transit	1T88R4E2681294132	\$70,710.00	78	69,539
6	2004	AmTran	4DRBGAANX4A964300	\$60,676.00	78	143,546
7	2004	AmTran	4DRBGAANX4A964301	\$60,676.00	78	128,110
24	2002	AmTran	4DRBGAAN32A947031	\$58,887.00	78	116,275
25	2002	AmTran	4DRBGAAN52A947032	\$58,887.00	78	107,800
19*	1999	Amtran	1HVBGAAN2XA088617	\$54,000.00	78	99,839

*Bus 19 was sold the beginning of March 2013. This bus will need to be replaced with a new one to maintain our fleet.

- Engine repairs such as injector replacement, injector pump rebuilds, head gasket replacement, turbos
- Most seats require frame repair and cushion replacement
- Stress cracks are more prevalent in older buses, creating safety concerns and significant cost to repair
- Major component failures are more likely to occur (transmissions, differentials, king pins)
- Electrical wiring insulation cracks as the vehicle ages, potentially causing the wiring to become exposed (bus stop lights, fire)
- The necessary repairs needed to meet annual State Police Inspection requirements frequently outweigh the value of the vehicle