

Contact: Brad Berg

PROPOSED BOND ISSUANCE SCHEDULE FOR CALENDAR YEAR 2018

Actions Requested: Recommend the Board approve the following:

1. Establishment of a schedule for the issuance of bonds for calendar year 2018 as detailed in this memorandum.
2. Adoption of A Resolution authorizing the Executive Director to fix the date or dates for the sale of Academic Building Revenue Bonds, refunding bonds, and other sales as may be authorized as a component of a Board approved financing plan for an identified capital project.

(ROLL CALL VOTE)

Executive Summary: Annually, the Board establishes a bond issuance schedule for the following calendar year. The proposed schedule, which totals \$83 million, is only a planning guide and may not reflect actual bonds issued during calendar year 2018. Approval of the schedule does not indicate that the Board Office has reviewed or recommended approval of all projects to be financed from the proposed sales or that the Board will approve the projects and the bond sale amounts. The schedule does not include bond issues which would require additional legislative authorization or bonds which might be sold by the University of Iowa Facilities Corporation or the Iowa State University Facilities Corporation.

The Board is also asked to adopt a resolution which would authorize the Executive Director to fix the date(s) for the sale of Academic Building Revenue Bonds and refunding bonds and other sales which may be authorized as a component of a Board approved financing plan for a specific capital project. After adoption of the resolution, the Board would not necessarily need to approve, as a separate agenda item, a preliminary resolution for each bond sale.

The proposed schedule for calendar year 2018 is shown in the following table. The estimated amounts of the bond issues below include project costs, deposits to the reserve fund and issuance costs. These amounts represent the best current estimates, but these amounts may be adjusted depending upon further-refined project and issuance costs.

Proposed Bond Issuance Schedule – Calendar Year 2018

<u>Month</u>	<u>Institution/Type of Issue</u>	<u>Estimated Amount of Bond Issue</u>
February	SUI Utility System Revenue Bonds	\$ 25,000,000
April	SUI Athletic Facilities Revenue Bonds	33,000,000
June	Possible Refundings	TBD *
August	Possible Refundings	TBD *
September	Possible Refundings	TBD *
October	SUI Athletic Facilities Revenue Bonds	25,000,000
December	Possible Refundings	<u>TBD *</u>
Total		\$ 83,000,000

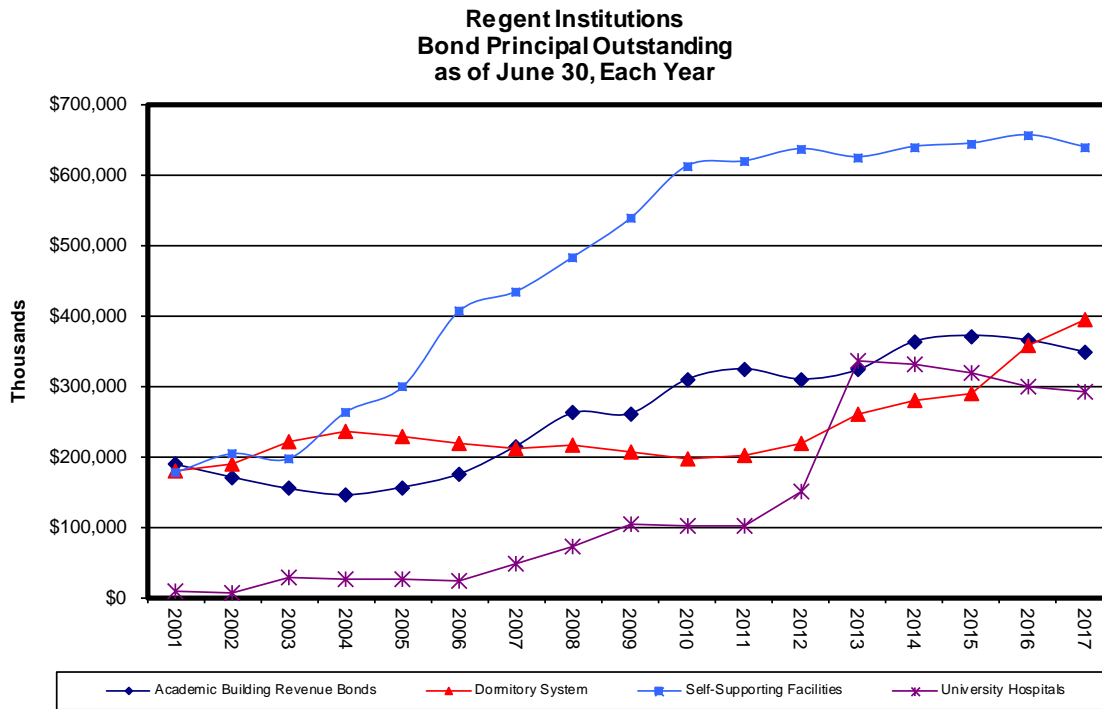
* To be Determined

Additional Information: The following table summarizes Regent bond issues sold during the last five calendar years. (Bonds issued by the SU1 and ISU Facilities Corporations are not included.)

Calendar Year	New Bonds Issued	Refunding Bonds Issued	Total Bonds Issued
2013	116,325,000	81,315,000	197,640,000
2014	116,495,000	40,640,000	157,135,000
2015	166,070,000	135,365,000	301,435,000
2016	78,505,000	219,405,000	297,910,000
2017*	60,170,000	154,700,000	214,870,000

*includes anticipated sale amounts for remainder of calendar year

Table 1 (page 3) provides a summary of the outstanding Regent university debt. As of June 30, 2017, the principal outstanding was \$1,671.2 million; a decrease of \$4.1 million from 2016. There has been a shift in the proportion of the debt among the types of bond issues, with significant increases in the outstanding bond principal of self-supporting facilities, UIHC, and more recently dormitory systems, as displayed in the graph below.



The bond issuance schedule on the first page includes the possible sale of refunding bonds in June, August, September and December 2017, depending upon interest rates. Since calendar year 2001, the present value interest savings from the issuance of Board of Regents refunding bonds totals approximately \$102.3 million as shown on pages 4 and 5. Roughly \$80 million of these savings have occurred since 2011.

TABLE 1
BOND PRINCIPAL OUTSTANDING*
BOARD OF REGENTS, STATE OF IOWA

	As of 30-Jun 2008	As of 30-Jun 2009	As of 30-Jun 2010	As of 30-Jun 2011	As of 30-Jun 2012	As of 30-Jun 2013	As of 30-Jun 2014	As of 30-Jun 2015	As of 30-Jun 2016	As of 30-Jun 2017	% of Debt by Type
University of Iowa											
Academic Building Revenue Bonds	\$ 108,618,222	\$ 103,200,672	\$ 107,545,000	\$ 101,170,000	\$ 94,255,000	\$ 114,740,000	\$ 165,200,000	\$ 184,020,000	\$ 189,605,000	\$ 179,880,000	17.0%
Project Notes - Academic Buildings			27,025,000	27,025,000	27,025,000						0.0%
Dormitory System	51,190,000	48,520,000	45,830,000	42,320,000	37,955,000	63,555,000	86,860,000	81,005,000	109,725,000	166,685,000	15.7%
Self-Supporting Facilities	356,625,000	392,890,000	450,385,000	463,895,000	468,215,000	467,110,000	463,340,000	470,480,000	448,505,000	421,095,000	39.8%
University Hospitals	72,615,000	104,300,000	100,885,000	100,185,000	150,880,000	336,010,000	330,105,000	318,900,000	299,700,000	291,510,000	27.5%
Subtotal	\$ 589,248,222	\$ 648,910,672	\$ 731,470,000	\$ 734,595,000	\$ 778,330,000	\$ 981,415,000	\$ 1,045,505,000	\$ 1,054,405,000	\$ 1,047,535,000	\$ 1,059,170,000	100.0%
Iowa State University											
Academic Building Revenue Bonds	\$ 98,745,000	\$ 92,245,000	\$ 140,050,000	\$ 164,965,000	\$ 161,110,000	\$ 157,485,000	\$ 150,655,000	\$ 143,335,000	\$ 135,595,000	\$ 129,580,000	26.3%
Dormitory System	133,735,000	128,985,000	123,910,000	118,790,000	112,890,000	131,170,000	132,220,000	154,000,000	173,270,000	159,380,000	32.3%
Self-Supporting Facilities	94,990,000	114,670,000	133,350,000	127,810,000	143,375,000	135,235,000	155,755,000	155,670,000	191,520,000	203,915,000	41.4%
Subtotal	\$ 327,470,000	\$ 335,900,000	\$ 397,310,000	\$ 411,565,000	\$ 417,365,000	\$ 423,890,000	\$ 438,630,000	\$ 453,005,000	\$ 500,385,000	\$ 492,875,000	100.0%
University of Northern Iowa											
Academic Building Revenue Bonds	\$ 53,843,758	\$ 64,481,531	\$ 61,016,902	\$ 57,250,196	\$ 53,422,084	\$ 49,732,862	\$ 46,481,736	\$ 43,295,000	\$ 38,875,000	\$ 37,880,000	31.8%
Dormitory System	30,590,000	28,750,000	26,765,000	40,670,000	67,025,000	64,115,000	59,295,000	54,400,000	73,175,000	68,090,000	57.2%
Self-Supporting Facilities	31,005,000	29,410,000	27,750,000	26,580,000	24,125,000	21,845,000	19,835,000	17,475,000	15,335,000	13,145,000	11.0%
Subtotal	\$ 115,438,758	\$ 122,641,531	\$ 115,531,902	\$ 124,500,196	\$ 144,572,084	\$ 135,692,862	\$ 125,611,736	\$ 115,170,000	\$ 127,385,000	\$ 119,115,000	100.0%
GRAND TOTAL	\$ 1,032,156,980	\$ 1,107,452,203	\$ 1,244,311,902	\$ 1,270,660,196	\$ 1,340,267,084	\$ 1,540,997,862	\$ 1,609,746,736	\$ 1,622,580,000	\$ 1,675,305,000	\$ 1,671,160,000	
* July 1 principal payments are not included in June 30th balances.											
Academic Building Revenue Bonds	\$261,206,980	\$259,927,203	\$308,611,902	\$323,385,196	\$308,787,084	\$321,957,862	\$362,336,736	\$370,650,000	\$364,075,000	\$347,340,000	20.8%
Project Notes - Academic Buildings			27,025,000	27,025,000	27,025,000						0.0%
Dormitory System	215,515,000	206,255,000	196,505,000	201,780,000	217,860,000	258,840,000	278,375,000	289,405,000	356,170,000	394,155,000	23.6%
Self-Supporting Facilities	482,820,000	536,970,000	611,485,000	618,285,000	635,715,000	624,190,000	638,930,000	643,625,000	655,360,000	638,155,000	38.2%
University Hospitals	72,615,000	104,300,000	100,885,000	100,185,000	150,880,000	336,010,000	330,105,000	318,900,000	299,700,000	291,510,000	17.4%
Subtotal	\$ 1,032,156,980	\$ 1,107,452,203	\$ 1,244,311,902	\$ 1,270,660,196	\$ 1,340,267,084	\$ 1,540,997,862	\$ 1,609,746,736	\$ 1,622,580,000	\$ 1,675,305,000	\$ 1,671,160,000	100.0%

Savings from Refunding Bonds Issued: Calendar Years 2001 to date

Inst.	Refunding Bond Amount	Issue	Issue Date	Present Value Savings
SUI	\$ 14,580,000	Academic Building Revenue Refunding Bonds, Series 2002	Apr-02	\$ 1,500,022
SUI	10,530,000	Academic Building Revenue Refunding Bonds, Series 2003	Apr-03	633,705
SUI	6,695,000	Academic Building Revenue Refunding Bonds, Series 2004	Apr-04	258,302
SUI	15,200,000	Academic Building Revenue Refunding Bonds, Series 2005	Mar-05	1,578,496
SUI	18,780,000	Academic Building Revenue Refunding Bonds, Series 2013	Aug-13	1,438,395
SUI	19,785,000	Academic Building Revenue Refunding Bonds, Series 2016	Jun-16	2,532,656
SUI	23,640,000	Academic Building Revenue Refunding Bonds, Series 2016A	Jul-16	<u>2,951,383</u>
		Subtotal – Academic Build. Rev. Bond Present Value Interest Savings		\$ 10,892,959
SUI	\$ 4,835,000	Iowa Memorial Union Refunding Bonds, Series 2001	Nov-01	\$ 436,743
SUI	6,080,000	Utility System Revenue Refunding Bonds, Series 2003	Feb-03	487,374
SUI	9,415,000	Telecommunications Facilities Revenue Refunding Bonds, Series 2003*	Nov-03	485,369
SUI	8,210,000	Telecommunications Facilities Revenue Refunding Bonds, Series 2008	Jun-08	505,353
SUI	6,255,000	Parking System Revenue Refunding Bonds, Series 2009	Jun-09	389,434
SUI	19,010,000	Utility System Revenue Refunding Bonds, Series 2009	Aug-09	1,849,727
SUI	20,015,000	Dormitory Revenue Refunding Bonds, Series 2010	Mar-10	1,479,280
SUI	5,120,000	Dormitory Revenue Refunding Bonds, Series 2011	Mar-11	591,946
SUI	10,195,000	Utility System Revenue Refunding Bonds, Series 2011	Aug-11	1,043,552
SUI	20,355,000	Hospital Revenue Refunding Bonds, Series 2011A	Oct-11	1,433,719
SUI	16,340,000	Dormitory Revenue Refunding Bonds, Series 2012	Jun-12	1,416,212
SUI	12,010,000	Parking System Revenue Refunding bonds, Series 2013	Jan-13	1,860,563
SUI	13,620,000	Utility System Revenue Refunding Bonds, Series 2013	Jun-13	1,906,929
SUI	6,420,000	Iowa Memorial Union Revenue Refunding Bonds, Series 2014	Apr-14	549,941
SUI	17,905,000	Utility System Revenue Refunding Bonds, Series 2014	Apr-14	1,204,508
SUI	20,885,000	Athletic Facilities Revenue Refunding Bonds, Series 2015	Mar-15	1,332,646
SUI	19,315,000	Athletic Facilities Revenue Refunding Bonds, Series 2015A	Jun-15	1,638,481
SUI	12,130,000	Athletic Facilities Revenue Refunding Bonds, Series 2015B	Aug-15	1,303,268
SUI	21,135,000	Athletic Facilities Revenue Refunding Bonds, Series 2015C	Oct-15	1,623,806
SUI	19,755,000	Athletic Facilities Revenue Refunding Bonds, Series 2015D	Oct-15	1,639,685
SUI	14,830,000	Utility System Revenue Refunding Bonds, Series 2015A	Dec-15	1,806,079
SUI	19,285,000	Utility System Revenue Refunding Bonds, Series 2016	Feb-16	1,851,178
SUI	19,000,000	Hospital Revenue Refunding Bonds, Series 2016	Apr-16	4,123,082
SUI	23,860,000	Hospital Revenue Refunding Bonds, Series 2016A	Jun-16	3,981,131
SUI	17,015,000	Utility System Revenue Refunding Bonds, Series 2016A	Sep-16	2,200,903
SUI	18,650,000	Recreational Facilities Revenue Refunding Bonds, Series 2017	Dec-16	937,695
SUI	20,625,000	Recreational Facilities Revenue Refunding Bonds, Series 2017A	Feb-17	1,458,115
SUI	20,685,000	Recreational Facilities Revenue Refunding Bonds, Series 2017B	Jun-17	<u>2,671,191</u>
		SUI – Grand Total Present Value of Interest Savings		<u>\$ 53,100,869</u>
ISU	\$ 9,805,000	Academic Building Revenue Refunding Bonds, Series 2001A	Apr-01	\$ 917,782
ISU	13,350,000	Academic Building Revenue Refunding Bonds, Series 2001B	Apr-01	1,044,900
ISU	5,430,000	Academic Building Revenue Refunding Bonds, Series 2004A	Apr-04	418,823
ISU	3,135,000	Academic Building Revenue Refunding Bonds, Series 2004B	Apr-04	128,636
ISU	5,510,000	Academic Building Revenue Refunding Bonds, Series 2006	Aug-06	312,774
ISU	15,165,000	Academic Building Revenue Refunding Bonds, Series 2009	Aug-09	336,489
ISU	6,000,000	Academic Building Revenue Refunding Bonds, Series 2013	Dec-13	555,526
ISU	16,315,000	Academic Building Revenue Refunding Bonds, Series 2014	Apr-14	1,681,002
ISU	12,095,000	Academic Building Revenue Refunding Bonds, Series 2015	Dec-15	1,268,389
ISU	23,160,000	Academic Building Revenue Refunding Bonds, Series 2016	Jul-16	2,548,213
ISU	24,175,000	Academic Building Revenue Refunding Bonds, Series 2017	Apr-17	<u>2,665,707</u>
		Subtotal – Academic Build. Rev. Bond Present Value Interest Savings		\$ 11,878,241
ISU	\$ 6,210,000	Recreational Facility Revenue Refunding Bonds, Series 2004	Apr-04	\$ 167,579
ISU	16,785,000	Dormitory Revenue Refunding Bonds, Series 2006	Mar-06	1,053,922
ISU	9,200,000	Dormitory Revenue Refunding Bonds, Series 2006A	May-06	613,181
ISU	10,500,000	Dormitory Revenue Refunding Bonds, Series 2008	Mar-08	705,258
ISU	10,925,000	Dormitory Revenue Refunding Bonds, Series 2009	Apr-09	717,537
ISU	13,065,000	Dormitory Revenue Refunding Bonds, Series 2010	Apr-10	988,671
ISU	17,295,000	Dormitory Revenue Refunding Bonds, Series 2011	Apr-11	1,983,695
ISU	12,565,000	Dormitory Revenue Refunding Bonds, Series 2011A	Jun-11	859,471
ISU	3,485,000	Athletic Facilities Revenue Bonds, Series 2012*	Feb-12	408,181
ISU	3,485,000	Parking System Revenue Refunding Bonds, Series 2012	Apr-12	571,854
ISU	16,580,000	Dormitory Revenue Refunding Bonds, Series 2013	Jan-13	2,675,301
ISU	20,055,624	Memorial Union Revenue Refunding Bonds, Series 2013	Apr-13	2,055,624
ISU	2,755,000	Regulated Materials Facility Revenue Refunding Bonds, Series 2013	Apr-13	350,184
ISU	5,350,000	Dormitory Revenue Refunding Bonds, Series 2013B	Jun-13	559,315
ISU	7,405,000	Utility System Revenue Refunding Bonds, Series 2013	Jun-13	1,108,831
ISU	11,760,000	Athletic Facilities Revenue Refunding Bonds, Series 2015	Mar-15	821,581
ISU	4,190,000	Utility System Revenue and Refunding Bonds, Series 2016	Oct-16	561,676
ISU	14,345,000	Dormitory Revenue Refunding Bonds, Series 2016	Oct-16	2,260,482
ISU	8,295,000	Dormitory Revenue Refunding Bonds, Series 2017	Feb-17	615,411
ISU	25,170,000	Recreational Facilities Revenue Refunding Bonds, Series 2017	Jun-17	2,988,976
ISU	6,255,000	Athletic Facilities Revenue Refunding Bonds, Series 2017	Sep-17	<u>801,746</u>
		ISU – Grand Total Present Value of Interest Savings		<u>\$ 34,746,717</u>

Savings from Refunding Bonds Issued: Calendar Years 2001 to date

<u>Inst.</u>	<u>Refunding Bond Amount</u>	<u>Issue</u>	<u>Issue Date</u>	<u>Present Value Savings</u>
UNI	\$ 4,890,000	Academic Building Revenue Refunding Bonds, Series 2002	Apr-02	\$ 461,282
UNI	8,465,000	Academic Building Revenue Refunding Bonds, Series 2003	Apr-03	887,899
UNI	4,225,000	Academic Building Revenue Refunding Bonds, Series 2003	Jul-03	289,111
UNI	5,110,000	Academic Building Revenue Refunding Bonds, Series 2005	Mar-05	619,797
UNI	14,015,000	Academic Building Revenue Refunding Bonds, Series 2016	Apr-16	2,020,970
UNI	12,460,000	Academic Building Revenue Refunding Bonds, Series 2016A	Jul-16	1,675,700
UNI	13,835,000	Academic Building Revenue Refunding Bonds, Series 2017	Aug-17	<u>1,671,840</u>
		Subtotal – Academic Build. Rev. Bond Present Value Interest Savings		\$ 7,626,599
UNI	\$ 9,535,000	Dormitory Revenue Refunding Bonds, Series 2002	Oct-02	\$ 952,826
UNI	7,465,000	Field House Revenue Refunding Bonds, Series 2005	Apr-05	453,327
UNI	4,255,000	Dormitory Revenue Refunding Bonds, Series 2010	Apr-10	312,956
UNI	10,160,000	Dormitory Revenue Refunding Bonds, Series 2010B	Dec-10	733,328
UNI	3,610,000	Field House Revenue Refunding Bonds, Series 2011	Jun-11	350,651
UNI	8,425,000	Student Union Revenue Refunding Bonds, Series 2011	Aug-11	859,711
UNI	8,910,000	Dormitory Revenue Bonds, Series 2012*	Apr-12	1,069,626
UNI	2,435,000	Student Health System Revenue Refunding Bonds, Series UNI 2013	Apr-13	301,872
UNI	4,815,000	Field House Revenue Refunding Bonds, Series 2013	Apr-13	564,750
UNI	3,460,000	Field House Revenue Refunding Bonds, Series 2015	Mar-15	263,955
UNI	13,330,000	Dormitory Revenue Refunding Bonds, Series 2017	Aug-17	<u>938,930</u>
		UNI – Grand Total Present Value of Interest Savings		<u>\$ 14,428,531</u>
Grand Total - Present Value Interest Savings from Refunding Bonds Issued since 2001:				<u>\$ 102,276,117</u>
Present Value Savings by Type of Bond Issue				
<i>Academic Building Revenue Refunding Bonds</i>				\$ 30,397,799
<i>All Other Refunding Bonds</i>				\$ 71,878,318
Grand Total				<u>\$ 102,276,117</u>

*Refunding component of bond sale