

ATTACHMENT NO. X-C

ATTACHMENT NO. X-C: Bus Purchases / Leasing

Potential motion: Providing information and requesting guidance for bus purchases in the future.

Recommended action: Provide guidance on Bus purchase and lease proposal so formal quotes may be obtained. .

At the Business Committee meeting on July 11, 2018 the Committee requested further information on a plan to bring our current bus fleet up to date. This included a request for bus purchasing and leasing options. Attached are four options that includes purchasing, leasing, and a combination of both. All proposals will bring the fleet of buses to a 5 year replacement cycle. These proposals are concept based and work on a number of assumptions that are defined on the proposal.

**Transportation**  
North Boone

2018

**Proposal #1**

**Purchase**

Year	Bus	Cycle 1	Cycle 2	Cycle 3	Cycle 4	Cycle 5	Cycle 1	Cycle 2	Cycle 3	Cycle 4	Cycle 5
2004	31	\$ 80,000.00					\$ 80,000.00				
2006	S39	\$ 80,000.00					\$ 80,000.00				
2006	S40	\$ 80,000.00					\$ 80,000.00				
2006	41	\$ 80,000.00					\$ 80,000.00				
2007	44	\$ 80,000.00					\$ 80,000.00				
2007	46	\$ 80,000.00					\$ 80,000.00				
2008	49		\$ 80,000.00					\$ 80,000.00			
2008	50		\$ 80,000.00					\$ 80,000.00			
2008	s51		\$ 80,000.00					\$ 80,000.00			
2008	52		\$ 80,000.00					\$ 80,000.00			
2008	106		\$ 80,000.00					\$ 80,000.00			
2008	107		\$ 80,000.00					\$ 80,000.00			
2009	53			\$ 80,000.00					\$ 80,000.00		
2010	111			\$ 80,000.00					\$ 80,000.00		
2011	113			\$ 80,000.00					\$ 80,000.00		
2013	u64			\$ 80,000.00					\$ 80,000.00		
2013	61			\$ 80,000.00					\$ 80,000.00		
2013	62			\$ 80,000.00					\$ 80,000.00		
2013	u63				\$ 80,000.00					\$ 80,000.00	
2013	u65				\$ 80,000.00					\$ 80,000.00	
2013	112				\$ 80,000.00					\$ 80,000.00	
2014	66				\$ 80,000.00					\$ 80,000.00	
2014	67				\$ 80,000.00					\$ 80,000.00	
2014	68				\$ 80,000.00					\$ 80,000.00	
2014	69					\$ 80,000.00					\$ 80,000.00
2014	70					\$ 80,000.00					\$ 80,000.00
2016	71					\$ 80,000.00					\$ 80,000.00
2016	72					\$ 80,000.00					\$ 80,000.00
2016	73					\$ 80,000.00					\$ 80,000.00
<b>Total potential cost</b>		\$ 480,000.00	\$ 480,000.00	\$ 480,000.00	\$ 480,000.00	\$ 400,000.00	\$ 480,000.00	\$ 480,000.00	\$ 480,000.00	\$ 480,000.00	\$ 400,000.00
<b>Possible reimbursement per purchase</b>	\$ 12,800.00	\$ 76,800.00	\$ 153,600.00	\$ 230,400.00	\$ 307,200.00	\$ 371,200.00	\$ 371,200.00	\$ 371,200.00	\$ 371,200.00	\$ 371,200.00	\$ 371,200.00
<b>Total non-reimbursement Cost</b>		\$ 403,200.00	\$ 326,400.00	\$ 249,600.00	\$ 172,800.00	\$ 28,800.00	\$ 108,800.00	\$ 108,800.00	\$ 108,800.00	\$ 108,800.00	\$ 28,800.00

Assumptions:

- Estimated price for a new bus is about \$80,000
- Does not take into account trade in value on vehicles
- Estimated price of lease is about \$13,000. The interest rate cost will vary.
- Cost of reimbursement calculated at 80%

**Transportation**  
North Boone

**Proposal #2**  
2018

**Lease**

Year	Bus	Cycle 1	Cycle 2	Cycle 3	Cycle 4	Cycle 5	Cycle 1	Cycle 2	Cycle 3	Cycle 4	Cycle 5
2004	31	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2006	S39	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2006	S40	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2006	41	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2007	44	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2007	46	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2008	49		\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2008	50		\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2008	s51		\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2008	52		\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2008	106		\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2008	107		\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2009	53			\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2010	111			\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2011	113			\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2013	u64			\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2013	61			\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2013	62			\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2013	u63				\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2013	u65				\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2013	112				\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2014	66				\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2014	67				\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2014	68					\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2014	69					\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2014	70					\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2016	71					\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2016	72					\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2016	73					\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
<b>Total cost</b>		\$ 78,000.00	\$ 156,000.00	\$ 234,000.00	\$ 299,000.00	\$ 377,000.00	\$ 377,000.00	\$ 377,000.00	\$ 377,000.00	\$ 377,000.00	\$ 377,000.00
Possible reimbursement per lease	\$ 8,000.00	\$ 48,000.00	\$ 96,000.00	\$ 144,000.00	\$ 184,000.00	\$ 232,000.00	\$ 232,000.00	\$ 232,000.00	\$ 232,000.00	\$ 232,000.00	\$ 232,000.00
Total non-reimbursement Cost		\$ 30,000.00	\$ 60,000.00	\$ 90,000.00	\$ 115,000.00	\$ 145,000.00	\$ 145,000.00	\$ 145,000.00	\$ 145,000.00	\$ 145,000.00	\$ 145,000.00

Assumptions:

- Estimated price for a new bus is about \$80,000
- Does not take into account trade in value on vehicles
- Estimated price of lease is about \$13,000. The interest rate cost will vary.
- Cost of reimbursement calculated at 80%

Transportation  
North Boone

2018  
Proposal

#3

Lease/Buy 60/40

Year	Bus	Cycle 1	Cycle 2	Cycle 3	Cycle 4	Cycle 5	Cycle 1	Cycle 2	Cycle 3	Cycle 4	Cycle 5
2004	31	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2006	S39	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2006	S40	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2006	41	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2007	44	\$ 80,000.00					\$ 80,000.00				
2007	46	\$ 80,000.00					\$ 80,000.00				
2008	49		\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2008	50		\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2008	s51		\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2008	52		\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2008	106		\$ 80,000.00					\$ 80,000.00			
2008	107		\$ 80,000.00					\$ 80,000.00			
2009	53			\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2010	111			\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2011	113			\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2013	u64			\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2013	61			\$ 80,000.00					\$ 80,000.00		
2013	62			\$ 80,000.00					\$ 80,000.00		
2013	u63				\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2013	u65				\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2013	112				\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2014	66				\$ 80,000.00					\$ 80,000.00	
2014	67				\$ 80,000.00					\$ 80,000.00	
2014	68					\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2014	69					\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2014	70					\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2016	71					\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2016	72					\$ 80,000.00					\$ 80,000.00
2016	73					\$ 80,000.00					\$ 80,000.00
<b>Total Potential cost</b>		<b>\$ 212,000.00</b>	<b>\$ 264,000.00</b>	<b>\$ 316,000.00</b>	<b>\$ 355,000.00</b>	<b>\$ 407,000.00</b>	<b>\$ 407,000.00</b>	<b>\$ 407,000.00</b>	<b>\$ 407,000.00</b>	<b>\$ 407,000.00</b>	<b>\$ 407,000.00</b>
Possible reimbursement per lease	\$ 8,000.00	\$ 32,000.00	\$ 64,000.00	\$ 96,000.00	\$ 128,000.00	\$ 152,000.00	\$ 152,000.00	\$ 152,000.00	\$ 152,000.00	\$ 152,000.00	\$ 152,000.00
Possible reimbursement per purchase	\$ 12,800.00	\$ 26,500.00	\$ 51,200.00	\$ 76,800.00	\$ 102,400.00	\$ 128,000.00	\$ 128,000.00	\$ 128,000.00	\$ 128,000.00	\$ 128,000.00	\$ 128,000.00
<b>Reimbursement total</b>	<b>Total</b>	<b>\$ 58,500.00</b>	<b>\$ 115,200.00</b>	<b>\$ 172,800.00</b>	<b>\$ 230,400.00</b>	<b>\$ 280,000.00</b>	<b>\$ 280,000.00</b>	<b>\$ 280,000.00</b>	<b>\$ 280,000.00</b>	<b>\$ 280,000.00</b>	<b>\$ 280,000.00</b>
<b>Total non-reimbursement Cost</b>		<b>\$ 153,500.00</b>	<b>\$ 148,800.00</b>	<b>\$ 143,200.00</b>	<b>\$ 124,600.00</b>	<b>\$ 127,000.00</b>	<b>\$ 127,000.00</b>	<b>\$ 127,000.00</b>	<b>\$ 127,000.00</b>	<b>\$ 127,000.00</b>	<b>\$ 127,000.00</b>

Assumptions:

- Estimated price for a new bus is about \$80,000
- Does not take into account trade in value on vehicles
- Estimated price of lease is about \$13,000. The interest rate cost will vary.
- Cost of reimbursement calculated at 80%

Transportation  
North Boone

2018  
Proposal

#4

Lease/Buy 50/50

Year	Bus	Cycle 1	Cycle 2	Cycle 3	Cycle 4	Cycle 5	Cycle 1	Cycle 2	Cycle 3	Cycle 4	Cycle 5
2004	31	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2006	S39	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2006	S40	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2006	41	\$ 80,000.00					\$ 80,000.00				
2007	44	\$ 80,000.00					\$ 80,000.00				
2007	46	\$ 80,000.00					\$ 80,000.00				
2008	49		\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2008	50		\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2008	s51		\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2008	52		\$ 80,000.00					\$ 80,000.00			
2008	106		\$ 80,000.00					\$ 80,000.00			
2008	107		\$ 80,000.00					\$ 80,000.00			
2009	53			\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2010	111			\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2011	113			\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2013	u64			\$ 80,000.00					\$ 80,000.00		
2013	61			\$ 80,000.00					\$ 80,000.00		
2013	62			\$ 80,000.00					\$ 80,000.00		
2013	u63				\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2013	u65				\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2013	112				\$ 80,000.00					\$ 80,000.00	
2014	66				\$ 80,000.00					\$ 80,000.00	
2014	67				\$ 80,000.00					\$ 80,000.00	
2014	68					\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2014	69					\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2014	70					\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
2016	71					\$ 80,000.00					\$ 80,000.00
2016	72					\$ 80,000.00					\$ 80,000.00
2016	73					\$ 80,000.00					\$ 80,000.00
<b>Total Potential</b>		<b>\$ 279,000.00</b>	<b>\$ 318,000.00</b>	<b>\$ 357,000.00</b>	<b>\$ 383,000.00</b>	<b>\$ 422,000.00</b>	<b>\$ 422,000.00</b>	<b>\$ 422,000.00</b>	<b>\$ 422,000.00</b>	<b>\$ 422,000.00</b>	<b>\$ 422,000.00</b>
Possible reimbursement per lease	\$ 8,000.00	\$ 24,000.00	\$ 48,000.00	\$ 72,000.00	\$ 88,000.00	\$ 112,000.00	\$ 112,000.00	\$ 112,000.00	\$ 112,000.00	\$ 112,000.00	\$ 112,000.00
Possible reimbursement per purchase	\$ 12,800.00	\$ 38,400.00	\$ 76,800.00	\$ 115,200.00	\$ 153,600.00	\$ 192,000.00	\$ 192,000.00	\$ 192,000.00	\$ 192,000.00	\$ 192,000.00	\$ 192,000.00
<b>Reimbursement Total</b>	<b>\$ 62,400.00</b>	<b>\$ 124,800.00</b>	<b>\$ 187,200.00</b>	<b>\$ 241,600.00</b>	<b>\$ 304,000.00</b>	<b>\$ 304,000.00</b>	<b>\$ 304,000.00</b>	<b>\$ 304,000.00</b>	<b>\$ 304,000.00</b>	<b>\$ 304,000.00</b>	<b>\$ 304,000.00</b>
reimbursement Cost		\$ 216,600.00	\$ 193,200.00	\$ 169,800.00	\$ 141,400.00	\$ 118,000.00	\$ 118,000.00	\$ 118,000.00	\$ 118,000.00	\$ 118,000.00	\$ 118,000.00

Assumptions: Estimated price for a new bus is about \$80,000  
Does not take into account trade in value on vehicles  
Estimated price of lease is about \$13,000. The interest rate cost will vary.  
Cost of reimbursement calculated at 80%