

Missouri Department of Transportation
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ADDENDUM 002

REQUEST FOR BID

TRAFFIC CONTROLLERS – NEMA TS2

RFB # 2-120927RW1

Bidders should acknowledge receipt of Addendum 002 (ONE) by signing and including it with the original bid. **The due date for receipt of bids has been changed to October 2, 2012 by 2:00 PM by this Addendum.** Accordingly, the following clarifications, questions and answers are believed to be of general interest to all potential Bidders. All other terms and conditions remain unchanged and in full force.

Name and Title of Signer (Print or type)	Name and Title of Department Authority Robin Warren Sr. General Services Specialist
Bidder/Offeror Signature <hr/> (Signature of person authorized to sign)	Department of Transportation <i>Robin Warren</i> <hr/> (Authorizing Signature)
Date Signed:	Date Signed: September 24, 2012

The order forms for the Kansas City District for Item # 001 have been updated. The attached nine (9) pages are the replacements for the first nine (9) pages of Attachment C, in reference to Item # 001 on the bid.

The bid response due date has been changed from September 27, 2012 to October 2, 2012 by 2:00 PM.



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Brand Specific Traffic Signal Controller Order Form

Addendum 002 - Updated Order Forms for Item # 001

DISTRICT 4 - KANSAS CITY COUNTY CASS DESIGNATION MO TRAVELWAY 58 CROSS STREET Rte Y LOG MILE 3.29900

SHIP TO:

SIGNAL ID 1606

CONTROLLER

TS2/Type1

SYSTEM MASTER

INTERCONNECT TYPE

FIBER CLOSED LOOP

BACKPANEL

D PLUG

CONTROLLER TYPE

ACTUATED

DETECTION TYPE

INDUCTION AND VIDEO

VIDEO SYSTEM INTERFACE

INDUCTION DETECTOR PANEL

VIDEO SYSTEM TYPE

Autoscope

CABINET TYPE

OTHER (AS SPECIFIED)

CABINET TS1/TS2

TS2

CABINET DESCRIPTION

Cabinet shall be Super P with Battery backup 700 Watt UPS, hot swap bypass generator option, min (4) 470 cca @ 0 F sealed batteries and led indicator

PRE-EMPT

PRE-EMPT INFORMATION

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	2P		6P	

EXCLUSIVE PED PHASE

NEMA LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

OF STANDARD 2-CHANNEL DETECTOR 3

OF DELAY/EXT 2-CHANNEL DETECTOR 3

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <u>0</u>	2-CH1 <u>0</u>	3-CH1 <u>0</u>	4-CH1 <u>0</u>	5-CH1 <u>7</u>	6-CH1 <u>4</u>	7-CH1 <u>4</u>	8-CH1 <u>0</u>
1-CH2 <u>0</u>	2-CH2 <u>0</u>	3-CH2 <u>0</u>	4-CH2 <u>0</u>	5-CH2 <u>3</u>	6-CH2 <u>8</u>	7-CH2 <u>8</u>	8-CH2 <u>0</u>

DELAY/EXTEND

DET 1 DET 2 DET 3 DET 4 DET 5 DET 6 DET 7 DET 8

VIDEO

V DET 1 V DET 2 V DET 3 V DET 4 V DET 5 V DET 6 V DET 7 V DET 8

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Cabinet shall be set up for flashing yellow arrow for 1,3,5,7 with slide out drawer. Controller shall be NTCIP compliant.

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Brand Specific Traffic Signal Controller Order Form

Addendum 002 - Updated Order Forms for Item # 001

DISTRICT 4 - KANSAS CITY COUNTY JACKSON DESIGNATION CST TRAVELWAY 63rd St W CROSS STREET US 71 NB Ramp LOG MILE 1.20000

SHIP TO:

SIGNAL ID 5734

CONTROLLER

TS2/Type1

SYSTEM MASTER

INTERCONNECT TYPE

FIBER CLOSED LOOP

BACKPANEL

16-POSITION-TS2

D PLUG

CONTROLLER TYPE

ACTUATED

DETECTION TYPE

INDUCTION AND VIDEO

VIDEO SYSTEM INTERFACE

INDUCTION DETECTOR PANEL

VIDEO SYSTEM TYPE

Traficon video phase 1,2,5,6

CABINET TYPE

OTHER (AS SPECIFIED)

CABINET TS1/TS2

TS2

CABINET DESCRIPTION

Cabinet shall be Super P with Battery backup 700 Watt UPS, hot swap bypass generator option, min (4) 470 cca @ 0 F sealed batteries and led indicator

PRE-EMPT

PRE-EMPT INFORMATION

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2		4	5	6		8	2P	4P	6P	8P

EXCLUSIVE PED PHASE

NEMA LOAD SWITCH ASSIGNMENTS

13	14	15	16
OLA1+2	OLB5+6	OL ped	OL ped

NEMA

OF STANDARD 2-CHANNEL DETECTOR 7

OF DELAY/EXT 2-CHANNEL DETECTOR 8

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <u> </u>	2-CH1 <u>2</u>	3-CH1 <u>2</u>	4-CH1 <u>2</u>	5-CH1 <u>4</u>	6-CH1 <u>4</u>	7-CH1 <u>4</u>	8-CH1 <u>4</u>
1-CH2 <u> </u>	2-CH2 <u>6</u>	3-CH2 <u>6</u>	4-CH2 <u>6</u>	5-CH2 <u>8</u>	6-CH2 <u>8</u>	7-CH2 <u>8</u>	8-CH2 <u>8</u>

DELAY/EXTEND

DET 1 DET 2 DET 3 DET 4 DET 5 DET 6 DET 7 DET 8

VIDEO

V DET V DET 2 V DET 3 V DET 4 V DET 5 V DET 6 V DET 7 V DET 8

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Cabinet shall be set up for flashing yellow arrow for 1,5 with slide out drawer. Controller shall be NTCIP compliant.

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Brand Specific Traffic Signal Controller Order Form

Addendum 002 - Updated Order Forms for Item # 001

DISTRICT 4 - KANSAS CITY COUNTY JACKSON DESIGNATION US TRAVELWAY 71 CROSS STREET Gregory LOG MILE 191.79600

SHIP TO:

SIGNAL ID 5763

CONTROLLER

TS2/Type1

SYSTEM MASTER

INTERCONNECT TYPE

FIBER CLOSED LOOP

BACKPANEL

16-POSITION-TS2

D PLUG

CABINET TYPE

OTHER (AS SPECIFIED)

CABINET TS1/TS2

TS2

CONTROLLER TYPE

ACTUATED

DETECTION TYPE

INDUCTION

VIDEO SYSTEM INTERFACE

INDUCTION DETECTOR PANEL

VIDEO SYSTEM TYPE

None

CABINET DESCRIPTION

Cabinet shall be Super P with Battery backup 700 Watt UPS, hot swap bypass generator, min (4) 470 cca @ 0 F sealed batteries and led indicator

PRE-EMPT

PRE-EMPT INFORMATION

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2		4	5	6		8	2P	4P	6P	8P

EXCLUSIVE PED PHASE

NEMA LOAD SWITCH ASSIGNMENTS

13	14	15	16
OLA5+6	OLB1+2	OLA Ped	OLB ped

NEMA

OF STANDARD 2-CHANNEL DETECTOR

8

OF DELAY/EXT 2-CHANNEL DETECTOR

8

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <u>5</u>	2-CH1 <u>2</u>	3-CH1 <u>2</u>	4-CH1 <u>2</u>	5-CH1 <u>4</u>	6-CH1 <u>4</u>	7-CH1 <u>4</u>	8-CH1 <u>4</u>
1-CH2 <u>1</u>	2-CH2 <u>6</u>	3-CH2 <u>6</u>	4-CH2 <u>6</u>	5-CH2 <u>8</u>	6-CH2 <u>8</u>	7-CH2 <u>8</u>	8-CH2 <u>8</u>

DELAY/EXTEND

DET 1

DET 2

DET 3

DET 4

DET 5

DET 6

DET 7

DET 8

VIDEO

V DET

V DET 2

V DET 3

V DET 4

V DET 5

V DET 6

V DET 7

V DET 8

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Cabinet shall be set up for flashing yellow arrow for 1,5 with slide out drawer. Controller shall be NTCIP compliant.

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Brand Specific Traffic Signal Controller Order Form

Addendum 002 - Updated Order Forms for Item # 001

DISTRICT 4 - KANSAS CITY COUNTY JACKSON DESIGNATION US TRAVELWAY 71 CROSS STREET 59th Street LOG MILE 193.26300

SHIP TO:

SIGNAL ID 5767

CONTROLLER TS2/Type1 CONTROLLER TYPE ACTUATED CABINET TYPE OTHER (AS SPECIFIED) CABINET TS1/TS2 TS2

SYSTEM MASTER DETECTION TYPE INDUCTION CABINET DESCRIPTION Cabinet shall be Super P with Battery backup 700 Watt UPS, hot swap bypass generator option, min (4) 470 cca @ 0 F sealed batteries and led indicator

INTERCONNECT TYPE FIBER CLOSED LOOP VIDEO SYSTEM INTERFACE INDUCTION DETECTOR PANEL PRE-EMPT

BACKPANEL 16-POSITION-TS2 VIDEO SYSTEM TYPE PRE-EMPT INFORMATION

D PLUG

NEMA LOAD SWITCH ASSIGNMENTS											
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3		5	6	7		2P	3P	6P	7P

EXCLUSIVE PED PHASE

NEMA LOAD SWITCH ASSIGNMENTS			
13	14	15	16
OLA1+2	OLB 5+6	OL ped	OL ped

NEMA # OF STANDARD 2-CHANNEL DETECTOR 8

OF DELAY/EXT 2-CHANNEL DETECTOR 8

CARD RACK CONFIGURATION
FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <u>5</u>	2-CH1 <u>2</u>	3-CH1 <u>2</u>	4-CH1 <u>2</u>	5-CH1 <u>7</u>	6-CH1 <u>7</u>	7-CH1 <u>7</u>	8-CH1 <u>7</u>
1-CH2 <u>1</u>	2-CH2 <u>6</u>	3-CH2 <u>6</u>	4-CH2 <u>6</u>	5-CH2 <u>3</u>	6-CH2 <u>3</u>	7-CH2 <u>3</u>	8-CH2 <u>3</u>

DELAY/EXTEND	DET 1 <input checked="" type="checkbox"/>	DET 2 <input checked="" type="checkbox"/>	DET 3 <input checked="" type="checkbox"/>	DET 4 <input checked="" type="checkbox"/>	DET 5 <input checked="" type="checkbox"/>	DET 6 <input checked="" type="checkbox"/>	DET 7 <input checked="" type="checkbox"/>	DET 8 <input checked="" type="checkbox"/>
VIDEO	V DET <input type="checkbox"/>	V DET 2 <input type="checkbox"/>	V DET 3 <input type="checkbox"/>	V DET 4 <input type="checkbox"/>	V DET 5 <input type="checkbox"/>	V DET 6 <input type="checkbox"/>	V DET 7 <input type="checkbox"/>	V DET 8 <input type="checkbox"/>

OTHER INFORMATION OR SPECIAL REQUIREMENTS:
Cabinet shall be set up for flashing yellow arrow for 1,5 with slide out drawer. Controller shall be NTCIP compliant.

Brand Specific Traffic Signal Controller Order Form

Addendum 002 - Updated Order Forms for Item # 001

DISTRICT 4 - KANSAS CITY COUNTY JACKSON DESIGNATION US TRAVELWAY 71 CROSS STREET 55th Street LOG MILE 193.76000

SHIP TO:

SIGNAL ID 5771

CONTROLLER TS2/Type1

SYSTEM MASTER

INTERCONNECT TYPE FIBER CLOSED LOOP

BACKPANEL 16-POSITION-TS2

D PLUG

CONTROLLER TYPE ACTUATED

DETECTION TYPE INDUCTION

VIDEO SYSTEM INTERFACE INDUCTION DETECTOR PANEL

VIDEO SYSTEM TYPE

CABINET TYPE OTHER (AS SPECIFIED)

CABINET TS1/TS2 TS2

CABINET DESCRIPTION Cabinet shall be Super P with Battery backup 700 Watt UPS, hot swap bypass generator option, min (4) 470 cca @ 0 F sealed batteries and led indicator

PRE-EMPT

PRE-EMPT INFORMATION

NEMA LOAD SWITCH ASSIGNMENTS											
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3		5	6	7		2P	3P	4P	6P

EXCLUSIVE PED PHASE

NEMA LOAD SWITCH ASSIGNMENTS			
13	14	15	16
OLA1+2	OLB5+6	OL ped	OL ped

NEMA # OF STANDARD 2-CHANNEL DETECTOR 8

OF DELAY/EXT 2-CHANNEL DETECTOR 8

CARD RACK CONFIGURATION
FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
<u>5</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>3</u>	<u>3</u>	<u>3</u>	<u>3</u>
1-CH2	2-CH2	3-CH2	4-CH2	5-CH2	6-CH2	7-CH2	8-CH2
<u>1</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>

DELAY/EXTEND	DET 1 <input checked="" type="checkbox"/>	DET 2 <input checked="" type="checkbox"/>	DET 3 <input checked="" type="checkbox"/>	DET 4 <input checked="" type="checkbox"/>	DET 5 <input checked="" type="checkbox"/>	DET 6 <input checked="" type="checkbox"/>	DET 7 <input checked="" type="checkbox"/>	DET 8 <input checked="" type="checkbox"/>
VIDEO	V DET <input type="checkbox"/>	V DET 2 <input type="checkbox"/>	V DET 3 <input type="checkbox"/>	V DET 4 <input type="checkbox"/>	V DET 5 <input type="checkbox"/>	V DET 6 <input type="checkbox"/>	V DET 7 <input type="checkbox"/>	V DET 8 <input type="checkbox"/>

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Cabinet shall be set up for flashing yellow arrow for 1,5 with slide out drawer. Controller shall be NTCIP compliant.

Brand Specific Traffic Signal Controller Order Form

Addendum 002 - Updated Order Forms for Item # 001

DISTRICT 4 - KANSAS CITY COUNTY JACKSON DESIGNATION CST TRAVELWAY Meyer Blvd E CROSS STREET US 71 LOG MILE 0.76700

SHIP TO:

SIGNAL ID 5774

CONTROLLER

TS2/Type1

SYSTEM MASTER

INTERCONNECT TYPE

FIBER CLOSED LOOP

BACKPANEL

16-POSITION-TS2

D PLUG

CONTROLLER TYPE

ACTUATED

DETECTION TYPE

INDUCTION

VIDEO SYSTEM INTERFACE

INDUCTION DETECTOR PANEL

VIDEO SYSTEM TYPE

CABINET TYPE

OTHER (AS SPECIFIED)

CABINET TS1/TS2

TS2

CABINET DESCRIPTION

Cabinet shall be Super P with Battery backup 700 Watt UPS, hot swap bypass generator option, min (4) 470 cca @ 0 F sealed batteries and led indicator

PRE-EMPT

PRE-EMPT INFORMATION

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2		4	5	6	OLE 5+	8	2P	4P	6P	8P

EXCLUSIVE PED PHASE

NEMA LOAD SWITCH ASSIGNMENTS

13	14	15	16
OLA1+2	OLB1+4	OLC567	OLD578

NEMA

OF STANDARD 2-CHANNEL DETECTOR 8

OF DELAY/EXT 2-CHANNEL DETECTOR 8

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <u>5</u>	2-CH1 <u>2</u>	3-CH1 <u>2</u>	4-CH1 <u>2</u>	5-CH1 <u>4</u>	6-CH1 <u>4</u>	7-CH1 <u>4</u>	8-CH1 <u>4</u>
1-CH2 <u>1</u>	2-CH2 <u>6</u>	3-CH2 <u>6</u>	4-CH2 <u>6</u>	5-CH2 <u>8</u>	6-CH2 <u>8</u>	7-CH2 <u>8</u>	8-CH2 <u>8</u>

DELAY/EXTEND

DET 1 DET 2 DET 3 DET 4 DET 5 DET 6 DET 7 DET 8

VIDEO

V DET V DET 2 V DET 3 V DET 4 V DET 5 V DET 6 V DET 7 V DET 8

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Cabinet shall be set up for flashing yellow arrow for 1,5 with slide out drawer. Controller shall be NTCIP compliant.

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NEMA TS1/TS2 Traffic Signal Controller Order Form

Addendum 002 - Updated Order Forms for Item # 001

DISTRICT (KC) 4 - KANSAS CITY	COUNTY JACKSON	DESIGNATION MO	TRAVELWAY 12	CROSS STREET River	LOG MILE 3.38700
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SHIP TO:

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SIGNAL ID 1210	CABINET TYPE NEMA/PT STANDARD EV	CABINET TS1/TS2 TS2
CONTROLLER TS2/Type 1	CONTROLLER TYPE ACTUATED	CABINET DESCRIPTION
SYSTEM MASTER	DETECTION TYPE VIDEO W/CARD RACK	
INTERCONNECT TYPE FIBER CLOSED LOOP	VIDEO SYSTEM INTERFACE SDLC PORT	PRE-EMPT OTHER PRE-EMPT
BACKPANEL 16-POSITION-TS2	VIDEO SYSTEM TYPE four Vantage edge 2 single input cards	PRE-EMPT INFORMATION provide for 3m opticom
<input type="checkbox"/> D PLUG		

NEMA TS1 LOAD SWITCH ASSIGNMENTS											
1	2	3	4	5	6	7	8	9	10	11	12
	2		4		6		8	2P	4P	6P	

EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS			
13	14	15	16

NEMA

OF STANDARD 2-CHANNEL DETECTOR

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION
FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="0"/>	2-CH1 <input type="text" value="0"/>	3-CH1 <input type="text" value="0"/>	4-CH1 <input type="text" value="0"/>	5-CH1 <input type="text" value="0"/>	6-CH1 <input type="text" value="0"/>	7-CH1 <input type="text" value="0"/>	8-CH1 <input type="text" value="0"/>
1-CH2 <input type="text" value="0"/>	2-CH2 <input type="text" value="0"/>	3-CH2 <input type="text" value="0"/>	4-CH2 <input type="text" value="0"/>	5-CH2 <input type="text" value="0"/>	6-CH2 <input type="text" value="0"/>	7-CH2 <input type="text" value="0"/>	8-CH2 <input type="text" value="0"/>

DELAY/EXTEND	DET							
	<input type="checkbox"/>							
VIDEO	V DET	V DET 2	V DET 3	V DET 4	V DET 5	V DET 6	V DET 7	V DET 8
	<input type="checkbox"/>							

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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NEMA TS1/TS2 Traffic Signal Controller Order Form

Addendum 002 - Updated Order Forms for Item # 001

DISTRICT (KC)	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
4 - KANSAS CITY	JACKSON	MO	12	Sterling	2.39500

SHIP TO:

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SIGNAL ID 1589	CABINET TYPE	CABINET TS1/TS2
CONTROLLER	NEMA/PT STANDARD EV	TS2
CONTROLLER TYPE	ACTUATED	CABINET DESCRIPTION
SYSTEM MASTER	DETECTION TYPE	Cabinet shall be Super P with Battery backup 700 Watt UPS, hot swap bypass generator option, min (4) 470 cca @ 0 F sealed batteries and led indicator
INTERCONNECT TYPE	VIDEO SYSTEM INTERFACE	PRE-EMPT
FIBER CLOSED LOOP	SDLC PORT	OTHER PRE-EMPT
BACKPANEL	VIDEO SYSTEM TYPE	PRE-EMPT INFORMATION
16-POSITION-TS2	Two Vantage Edge 2 dual input cards	provide for 3m opticom
<input type="checkbox"/> D PLUG		

NEMA TS1 LOAD SWITCH ASSIGNMENTS											
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	2p	4p	6p	8p

EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS			
13	14	15	16

NEMA

OF STANDARD 2-CHANNEL DETECTOR

OF DELAY/EXT 2-CHANNEL DETECTOR

CARD RACK CONFIGURATION
FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <input type="text" value="0"/>	2-CH1 <input type="text" value="0"/>	3-CH1 <input type="text" value="0"/>	4-CH1 <input type="text" value="0"/>	5-CH1 <input type="text" value="0"/>	6-CH1 <input type="text" value="0"/>	7-CH1 <input type="text" value="0"/>	8-CH1 <input type="text" value="0"/>
1-CH2 <input type="text" value="0"/>	2-CH2 <input type="text" value="0"/>	3-CH2 <input type="text" value="0"/>	4-CH2 <input type="text" value="0"/>	5-CH2 <input type="text" value="0"/>	6-CH2 <input type="text" value="0"/>	7-CH2 <input type="text" value="0"/>	8-CH2 <input type="text" value="0"/>

DELAY/EXTEND	DET							
<input type="checkbox"/>								
VIDEO	V DET	V DET 2	V DET 3	V DET 4	V DET 5	V DET 6	V DET 7	V DET 8
<input type="checkbox"/>								

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Controller shall be NTCIP with cabinet wired for flashing yellow arrow for 1, 3, 5, 7

NEMA TS1/TS2 Traffic Signal Controller Order Form

Addendum 002 - Updated Order Forms for Item # 001

DISTRICT (KC) 4 - KANSAS CITY	COUNTY JACKSON	DESIGNATION MO	TRAVELWAY 12	CROSS STREET Ash	LOG MILE 1.82100
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SHIP TO:

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SIGNAL ID 1591

CABINET TYPE
NEMA/PT STANDARD EV

CABINET TS1/TS2
TS2

CONTROLLER
TS2/Type 1

CONTROLLER TYPE
ACTUATED

CABINET DESCRIPTION

SYSTEM MASTER

DETECTION TYPE
VIDEO W/CARD RACK

INTERCONNECT TYPE
FIBER CLOSED LOOP

VIDEO SYSTEM INTERFACE
SDLC PORT

PRE-EMPT

BACKPANEL
16-POSITION-TS2

VIDEO SYSTEM TYPE
Vantage Edge 2 four single input cards

PRE-EMPT INFORMATION
provide for 3m opticom

D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
	2		4		6		8	2P	4P	6P	8P

EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

OF STANDARD 2-CHANNEL DETECTOR 0

OF DELAY/EXT 2-CHANNEL DETECTOR 0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 0	2-CH1 0	3-CH1 0	4-CH1 0	5-CH1 0	6-CH1 0	7-CH1 0	8-CH1 0
1-CH2 0	2-CH2 0	3-CH2 0	4-CH2 0	5-CH2 0	6-CH2 0	7-CH2 0	8-CH2 0

DELAY/EXTEND DET DET DET DET DET DET DET DET

VIDEO V DET V DET 2 V DET 3 V DET 4 V DET 5 V DET 6 V DET 7 V DET 8

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Controller shall be NTCIP

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