



Public Safety Building, 312 E. Fifth St.
Muscatine, IA 52761
(563) 263-9233
Fax (563) 263-5534

FIRE DEPARTMENT

MEMORANDUM

TO: Gregg Mandsager, City Administrator
FROM: Jerry Ewers, Fire Chief
DATE: May 17, 2011
SUBJECT: Change Order #1 for Fire Station Project

INTRODUCTION:

The City of Muscatine staff worked with the Architect and General Contractor on reviewing potential cost savings on the new fire station project. Change order #1 is all deducts, which reflects value engineering.

BACKGROUND:

The following are all deducts:

1. Provide Steel flashing instead of pre-finished aluminum flashing (\$675)
2. Reduce concrete paving thickness from 8" to 7" (\$15,472)
3. Remove special infiltration basin seed mix and replace with type 2 seeding (\$450)
4. Remove rain garden seeding mix and interlocking concrete edging and replace with sod (\$3,800)
5. Reduce concrete thickness in apparatus bay from 8" to 7" (\$1,260)
6. Remove 16 of the 32 bollards at overhead doors (\$2,373)

Total deduct for change order is \$ 24,030. This change order request does not affect the scope of the project or the LEED certification.

RECOMMENDATION/RATIONALE:

Request to approve Change Order #1 for the new Southend Fire Station project, which is a total deduct of \$ 24,030.

ATTACHMENTS:

1. Change Order #1

**"I remember Muscatine for its sunsets. I have never seen any
on either side of the ocean that equaled them" — Mark Twain**

**AIA**[®]**Document G701[™] – 2001****Change Order****PROJECT** *(Name and address):*Muscatine Fire Station No. 2
2124 Stewart Road
Muscatine, IA 52761**CHANGE ORDER NUMBER:** 001**DATE:** May 17, 2011**OWNER:** ☒**ARCHITECT:** ☒**CONTRACTOR:** ☒**TO CONTRACTOR** *(Name and address):*First Construction Group
3729 West Avenue
Burlington, IA 52601**ARCHITECT'S PROJECT NUMBER:** 09138**CONTRACT DATE:** March 15, 2011**CONTRACT FOR:** General Construction**FIELD:** ☐**OTHER:** ☐**THE CONTRACT IS CHANGED AS FOLLOWS:***(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)*

1. Provide steel flashing in lieu of pre-finished aluminum flashing. Deduct \$675
2. Change all dowel baskets (CD) joints to cut joints and reduce paving thickness from 8" to 7" as required in ASI #1. Class C grate is required. Deduct \$15,472
3. Delete special infiltration basin seeding mix and replace with infiltration basins to Iowa SUDAS type 2 seeding as described in ASI #2 dated 4/4/11. Deduct \$450
4. Delete rain garden seeding mix from plans and remove interlocking concrete edging, replace with sod as described in ASI #3 dated 4/4/11. Deduct \$3,800
5. Reduce concrete thickness in apparatus bay from 8" as noted on Sheet S1.1 to 7" as described in ASI #6 dated 4/4/11. Deduct \$1,260
6. Delete bollards on interior side of overhead doors 119E, 119F, 119G, 119H and the exterior side of 119I, 119K, 119L as described in ASI #4 dated 4/4/11. Deduct \$2,373

The original Contract Sum was	\$	1,299,202.00
The net change by previously authorized Change Orders	\$	0.00
The Contract Sum prior to this Change Order was	\$	1,299,202.00
The Contract Sum will be decreased by this Change Order in the amount of	\$	24,030.00
The new Contract Sum including this Change Order will be	\$	1,275,172.00

The Contract Time will be increased by Zero (0) days.

The date of Substantial Completion as of the date of this Change Order therefore is December 10, 2011.

NOTE: This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.**INVISION Architecture****ARCHITECT** *(Firm name)*303 Watson Powell Jr. Way, Suite 200,
Des Moines, IA 50309**ADDRESS****BY** *(Signature)*Cheung Chan, AIA
(Typed name)

5/17/2011

DATE**First Construction Group****CONTRACTOR** *(Firm name)*

3729 West Avenue, Burlington, IA 52601

ADDRESS**BY** *(Signature)*Curtis Grant
*(Typed name)***DATE****City of Muscatine****OWNER** *(Firm name)*

215 Sycamore Street, Muscatine, IA 52761

ADDRESS**BY** *(Signature)*Jerry Ewers, Fire Chief
*(Typed name)***DATE**

CITY OF MUSCATINE REQUEST FOR CONTRACT CHANGE ORDER APPROVAL

Project: Muscatine Fire Department No. 2Department: Fire DepartmentChange Order No.: 1Amount: (# 24,030) creditDate: 5/12/2011

Description (unless attached):

COR #1 (Steel in lieu of aluminum flashing), COR #3 ("CD" Joints to "C" Joints + B" to T" paving thickness), COR #4 (change seed @ infiltration basin), COR #5 (change "rain garden" seed mix, remove concrete edging), COR #7 (Reduce concrete thickness @ apparatus bay), COR #8 (delete bollards).

If pre-approved, state reason:

_____ Avoid construction delay.

_____ Additional cost would be incurred.

_____ Other _____

Authorizations:

Pre-Approved

Approval
Requested_____
Department Head_____
Date_____
City Administrator_____
Date_____
Mayor_____
City Council Approval
Date

Attach contract change order form.



3729 West Avenue
Burlington, IA 52601
319-752-4400 Phone
319-752-2116 Fax

"We build quality buildings for less"

**CHANGE ORDER REQUEST
MUSCATINE FIRE STATION NO. 2**

Attn: Cheung Chan
InVision Architecture
303 Watson Powell Jr. Way, Ste. 200
Des Moines, IA 50309

Phone: 515-633-2941
Fax: 515-633-2942

1
TITLE Steel flashing

DATE: 4/4/11

SCOPE OF CHANGE: Per e-mail correspondence on 4/4/11, Lynch Roofing is providing a
deduct to provide steel flashing in lieu of pre-finished aluminum flashing.

Lynch Roofing & Siding

(\$675)

DELAYS _____ days/weeks

COST Deduct (\$675)

APPROVED

OWNER

DATE

APPROVED

FIRST CONSTRUCTION GROUP, INC.

RECOMMEND

ARCHITECT

4.29.2011

DATE



3729 West Avenue

Burlington, IA 52601

319-752-4400 Phone

319-752-2116 Fax

*"We build quality buildings for less"***CHANGE ORDER REQUEST
MUSCATINE FIRE STATION NO. 2**

Attn: Michael Dean
InVision Architecture
303 Watson Powell Jr. Way, Ste. 200
Des Moines, IA 50309

Phone: 515-633-2941
Fax: 515-633-2942

3
TITLE ASI #1

DATE: 4/20/11

SCOPE OF CHANGE: Change all dowel baskets (CD) joints to cut © joints and reducing
paving thickness from 8" to 7" as requested in ASI #1.

Class C grate is required. The following is the cost increase for this specific grate.

Iowa Concrete

(\$15,472)

DELAYS _____ days/weeks

COST Deduct (\$15,472)

APPROVED

OWNER

DATE

APPROVED

FIRST CONSTRUCTION GROUP, INC.

RECOMMEND

ARCHITECT

4.29.2011

DATE



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"We build quality buildings for less"

**CHANGE ORDER REQUEST
MUSCATINE FIRE STATION NO. 2**

Attn: **Michael Dean**
InVision Architecture
303 Watson Powell Jr. Way, Ste. 200
Des Moines, IA 50309

Phone: 515-633-2941
Fax: 515-633-2942

4
TITLE ASI #2

DATE: 4/26/11

SCOPE OF CHANGE: Delete special infiltration basin seeding mix and replace with infiltration basins to Iowa SUDAS type 2 seeding as described in ASI #2 dated 4/4/11.

Kellor & Kellor

(\$450)

DELAYS _____ days/weeks

COST Deduct (\$450)

APPROVED

AP Dean 5-10-11
OWNER DATE

APPROVED

Auto Mt 5/12/11
FIRST CONSTRUCTION GROUP, INC.

RECOMMEND

Chris Chen 4.29.2011
ARCHITECT DATE



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MUSCATINE FIRE STATION NO. 2**

Attn: Michael Dean
InVision Architecture
303 Watson Powell Jr. Way, Ste. 200
Des Moines, IA 50309

Phone: 515-633-2941
Fax: 515-633-2942

5
TITLE ASI #3

DATE: 4/26/11

SCOPE OF CHANGE: Delete "rain garden" seeding mix from plans and remove interlocking concrete edging, replace with sod as described in ASI #3 dated 4/4/11.

Kellor & Kellor

(\$3,800)

DELAYS _____ days/weeks

COST Deduct (\$3,800)

APPROVED

[Signature] 5-10-11
OWNER DATE

APPROVED

[Signature] 5/12/11
FIRST CONSTRUCTION GROUP, INC.

RECOMMEND

[Signature] 4.29.2011
ARCHITECT DATE



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MUSCATINE FIRE STATION NO. 2**

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InVision Architecture
303 Watson Powell Jr. Way, Ste. 200
Des Moines, IA 50309

Phone: 515-633-2941
Fax: 515-633-2942

7
TITLE ASI #6 DATE: 4/26/11

SCOPE OF CHANGE: Reduce concrete thickness in apparatus bay from 8" as noted on Sheet S1.1 to 7" as described in ASI #6 dated 4/4/11.

Iowa Concrete

(\$1,260)

DELAYS _____ days/weeks

COST Deduct (\$1,260)

APPROVED

HP Enns 5-10-11
OWNER DATE

APPROVED

Auto M 5/12/11
FIRST CONSTRUCTION GROUP, INC.

RECOMMEND

Chry Ch 4.29.2011
ARCHITECT DATE



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"We build quality buildings for less"

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MUSCATINE FIRE STATION NO. 2**

Attn: Michael Dean
InVision Architecture
303 Watson Powell Jr. Way, Ste. 200
Des Moines, IA 50309

Phone: 515-633-2941
Fax: 515-633-2942

8
TITLE ASI #4

DATE: 4/26/11

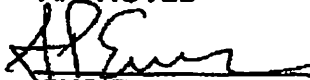
SCOPE OF CHANGE: Delete bollards on interior side of overhead doors 119E, 119F, 119G, 119H and the exterior side of 119I, 119K, 119L as described in ASI #4 dated 4/4/11.

Bradley Iron Works	(\$1,257)
Barron Equipment	(700)
First Construction Group - dock equipment install	(180)
First Construction Group - bollard install	(256)
TOTAL	(\$2,373)

DELAYS _____ **days/weeks**

COST **Deduct** (\$2,373)


APPROVED

 5-10-11
OWNER **DATE**

APPROVED

 5/12/11
FIRST CONSTRUCTION GROUP, INC.

RECOMMEND

 4.29.2011
ARCHITECT **DATE**