# MAIA Document G701/CMa™ - 1992

### Change Order - Construction Manager-Adviser Edition

PROJECT (Name and address): Plum Borough School Reconfiguration 900 Elicker Road	CHANGE ORDER NUMBER: 003 INITIATION DATE: 10/05/2011	OWNER: ⊠ CONSTRUCTION MANAGER: ⊠ ARCHITECT: ⊠
Plum, Pennsylvania 15239  TO CONTRACTOR (Name and address):	PROJECT NUMBERS: CM09-711 /	CONTRACTOR: ☑ FIELD: ☐
Nello Construction 100 Houston Square, Suite 200 Canonsburg, PA 15317	CONTRACT DATE: 04/12/2011 CONTRACT FOR: General Construction	OTHER: [
THE CONTRACT IS CHANGED AS FOLLO	DWS:	
Per the Architect's answer to RFI#36. Since stainless steel cabinet is not required. See attached RFCO #06.	ce the mixing valve is located in a mecha	anical room, the specified
The original Contract Sum was Net change by previously authorized Char The Contract Sum prior to this Change Or The Contract Sum will be decreased by th The new Contract Sum including this Cha	der was is Change Order in the amount of	\$ 14,096,400.00 \$ 337,087,00 \$ 14,433,487,00 \$ 497,00 \$ 14,432,990.00
authorized by Construction Change Direct	he date of this Change Order therefore is ges in the Contract Sum, Contract Time ive	or Guaranteed Maximum Price which have been
Massaro Construction Management, LLC CONSTRUCTION MANAGER (Firm name) 120 Delta Drive, Pittsburgh, PA 15238  ADDRESS  BY (Signature) Steven F. Peterman (Typed name)  DATE:	L. Robert K ARCHITECT Frick Build	imball & Associates  (Firm name)  iing - North Mezzanine  Street, Pittsbyrgh, PA 15#22/  Vely (10/98/11
Nello Construction CONTRACTOR (Firm name) 100 Houston Square, Suite 200, Canonsbr ADDRESS	OWNER (Fi	ugh School District irm name) Road, Plum, PA 15239
BY (Signature) George D. Leisure (Typed name)  DATE:	7.1 BY (Signate Dr. Lillian (Typed nan	Naccarati, Superintendent



PROPOSED CHANGE ORDER
No. 00006

CORRESPONDENCE NO: 00145

ARCHITECT PROJECT NO: 09-2200-05

100 Houston Square Suite 200 Canonsburg, 15317

Phone: 724-746-1900 Fax: 724-746-7032

TITLE: Eliminate Stainless Steel Cabinet

DATE: 7/30/2011

PROJECT: NEW PIVIK ELEMENTARY SCHOOL

GC PROJECT NO:1724

TO:

Massaro CM Services LLC

120 Delta Drive

Pittsburgh, PA 15238-2806

Phone: 412-963-2800

Fax: 412-599-0039

Atta: Steve Peterman

#### DESCRIPTION OF PROPOSAL

We are offering a DEDUCT to our Contract Sum of \$497.80 for changing the mixing valve and elinimating the stainless steel cabinet as further noted below.

This proposal excludes any OCIP deductible in the event that an incident may occur related to this work.

We reserve our right to claim additional contract time and cost related to this additional Work, as this Work may impact the schedule and that impact may only be assessed after the completion of the Work.

This proposal may be withdrawn in 15 calendar days.

Please feel free to contact me if you have any question or require any additional information.

					Mari	and and a	
Item	Description	Quantity	Units	Unit Price	Rate	Amount	Net Amount
	Change mixing valve to a Leonard #TM-820-DT-RI and climinate stainless steel cabinet for building mixing valve located in the Mechanical Room per the response to RF#036 dated June 11, 2011	7 1.000	l	(\$524.00	0.00%	\$0,00	(\$524.00)
00002	Retained overhead	1.000	)	\$26.2	0.00%	\$0,00	\$26,20
	Approved for prici	ng and va	aliđity o	only. 'Final	Subtotal:		(\$497.80)
	approval for payme	pricing and validity only. Final ${f S}$	Subtotal		(\$497.80)		
	by Fium Borough Sc	HOOT DIS	LL. L. C. ,		Total Cost:		(\$497.80)

Generated due to response to RFI #36
(please see attached)

Signed:

CM # 00007



## A. J. Demor & Sons, Inc.

### Mechanical Contractors

2150 Eldo Road, Monroeville, PA 15146 · Phone: 412-242-6125 · Fax: 412-372-5818

One Line Street, Store #3, Throop, PA 18512 · Phone: 570-383-3876 · Fax: 570-383-3877

Website: www.ajdemor.com

EXTRA:WOR	CORDERINO: 004
TO: Nello Construction Company 100 Houston Square, Suite 200 Canonsburg, PA 15317	DATE: July 29, 2011
ATTN: Mr. John Fusco	•
PROJECT: New Plvik Elementary	School
AJD PROJECT # 2675	
The attached breakdown is the estimate	ed cost required to perform the following proposed extra work:
Per RFI #036 response dated June 21, 2011: Change building mixing valve from a Leonard eliminate stainless steel cabinet for building n	#TM-186-520-IT-STSTL-EXP to a Leonard #TM-820-DT-IT-RF, and lixing valve located in Mechanical Room.
EXCLUSIONS:	
Upon acceptance of the proposed changes p to our contract in the amount of:	er the attached information, we hereby request an APD/DEDUCT
PRICE: Five hundred twenty-four and 00/	00 \$ (524.00
	osts associated with the change order work described above. This change order at a later date and to submit these costs
This proposal is for acceptance within $\underline{30}$ day An extension time of $\underline{0}$ working days is requin	
Please advise as soon as possible if we are t	o proceed.
Sincerely, A.J. Demor & Sons, Inc.	Accepted by:
Bryan U. Demor Project Manager	Date:

EXTR	RA WORK ORDER	RECAP			
PROJECT: New Pivik Elementary School EWO # 004			DATE: AJD PROJ		July 29, 2011 2675
MATERIAL	\$	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
EQUIPMENT (Tax Exempt)	\$ (516.00				
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TOTAL MATERIAL AND EQUIPMENT	WITH TAX	\$	(516.00)		
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PROJECT: New Pivik Element EWO # 004	ary School				DATE: AJD PRO	July 29, 2 JECT #	2011 2675	
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DESCRIPTION Equipment		77				
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Leonard #TM-820-DT-IT-RF Mixing Valve	1	\$ 1,568.00	\$	1,568.00		
Less SS Cabinet			\$	*		
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TOTAL EQUIPMENT \$

TOTAL JOURNEYMAN HOURS

(516.00)



### Request for Information 036

Plum SD

Plum Borough SD - Pivik Elementary Project # CM09-711-01 Massaro CM Services
Tel: Fax:

Answer Company

Answer Company

Answer Company

Answer Company

Answer Company

Author Company

Dohn Fusco

Frick Bullidng - North Mezzanine

437 Grant Street

Pittsburgh, PA 15219

Co<sup>2</sup>Respondent Author RFI Number

A.J. Demor#6

Subject Discipline Category

Master Mixing Valve Plumbing Plan/Spec Discrepancies

Cost Impact / Amount Sched Impact Days Dwg Impact

Yes -498 No 0 No

Cost Impact Comments Sched Impact Comments Dwg Impact Comments

Credit to owner for S.S. cabinet

Question Date Required: 6/23/20

Refer to Add#2 Dwgs P402 (detail #1) and POOI dated 2/24/11.

Dwg P402, Detail #1 shows a 2" cold water and hot water supply to the Master Mixing Valve located in the mechanical room.

Same drawing indicates a 2-1/2" tempered water line size from Master Mixing Valve.

The specified Master Mixing Valve (TCV-I) shown on Dwg P001 has a 3/4" inlet for hot and cold supply and 1" outlet for tempered water.

If you then refer to Dwg P50I (detail #9), detail indicates to reduce line size of hot and cold water supply near inlet but no reducer on tempered water outlet.

With this information, it is AJ Demor's interpretation to provide a 2" hot and cold supply to a location near the Master Mixing Valve and then reduce for a 3/4" connection.

The same logic would apply to the tempered water but line size would be reduced from 2 1/2" to 1".

Is this interpretation correct? Or is choking the line size this much near the connection point a problem?

If so, what is the recommended model for the Master Mixing Valve?

Also, if you refer to specification 221119-4, Master Mixing Valve in the Mechanical Room is to be provided in a stainless steel cabinet.

Typically, you do not see this requirement for mixing valves located in mechanical rooms.

A.J. Dernor feels this requirement is not necessary and can provide a credit accordingly. Please advise.

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