



ARCHITECTURE
ENGINEERING
CONSTRUCTION

8 RIDGEDALE AVENUE
CEDAR KNOLLS, NJ 07927
www.eiassociates.com

TELEPHONE (973) 775-7777
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E-MAIL: info@eiassociates.com

28 December 2016
ES7972.01

Via Email gbrennan@twpunionschools.com **and Mail**

Gregory E. Brennan
School Business Administrator/Board Secretary
Township of Union Board of Education
2369 Morris Avenue
Union, NJ 07083

**Subject: Boiler Replacement at Union High School.
Change Order #1**

Dear Mr. Brennan,

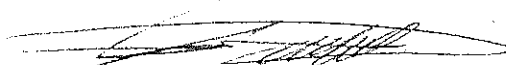
Enclosed are three- (3) copies of Change Order # 001 in the amount of \$26,024.00 as per Township of Union Public Schools District direction, to install new (2) sump pumps at the boiler room, as per Pennetta Proposed Change Order #001 dated 9 December 2016 (copy attached).

They have been signed by the contractor and me. When approved, please distribute accordingly.

If you have any questions, please feel free to contact me.

Very truly yours,

EI ASSOCIATES
Architects &
Engineers, PA



Ralph Nashed,
Sr. Project Manager

Enclosure: 3 copies of Change Order # 001
C: Barry Loessel Township of Union Board of Education
Pennetta Industrial Automation LLC
EIA Distributions



AIA[®] Document G701[™] – 2001

Change Order

PROJECT <i>(Name and address):</i> Boiler Replacement at Union High School 2369 Morris Avenue Union, NJ 07083	CHANGE ORDER NUMBER: 001 DATE: December 27, 2016	OWNER: <input checked="" type="checkbox"/> ARCHITECT: <input checked="" type="checkbox"/> CONTRACTOR: <input checked="" type="checkbox"/> FIELD: <input type="checkbox"/> OTHER: <input type="checkbox"/>
TO CONTRACTOR <i>(Name and address):</i> Pennetta Industrial Automation 17 Industrial Avenue Little Ferry, NJ 07643	ARCHITECT'S PROJECT NUMBER: ES7972.01 CONTRACT DATE: 6 July 2016 CONTRACT FOR: General Construction	

THE CONTRACT IS CHANGED AS FOLLOWS:

(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)

The original contract contingency sum was:	\$60,000.00
The net change by previously authorized change orders:	0.00
The contract contingency sum will be decreased by this change order in the amount:	26,024.00
The new contingency sum including this change order will be:	\$33,976.00


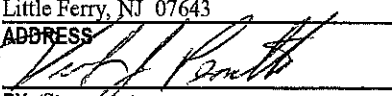

As per the Township of Union School District's request, to have Pennetta Industrial Automation Replace the sump pumps in boiler room, see attached Proposed Change Order by Pennetta in the amount of \$26,024.00 dated December 19, 2016.

The original Contract Sum was	\$ 1,312,000.00
The net change by previously authorized Change Orders	\$ 0.00
The Contract Sum prior to this Change Order was	\$ 1,312,000.00
The Contract Sum will be increased by this Change Order in the amount of	\$ 0.00
The new Contract Sum including this Change Order will be	\$ 1,312,000.00

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 March 17, 2017

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.

<u>EI Associates</u> ARCHITECT <i>(Firm name)</i>	<u>Pennetta Industrial Automation</u> CONTRACTOR <i>(Firm name)</i>	<u>Township of Union Public Schools</u> OWNER <i>(Firm name)</i>
8 Ridgedale Avenue Cedar Knolls, NJ 07927 ADDRESS	17 Industrial Avenue Little Ferry, NJ 07643 ADDRESS	2369 Morris Avenue Union, NJ 07083 ADDRESS
 BY <i>(Signature)</i>	 BY <i>(Signature)</i>	 BY <i>(Signature)</i>
Ralph Nashed <i>(Typed name)</i>	Victor Pennetta <i>(Typed name)</i>	Gregory Brennan <i>(Typed name)</i>
12/28/2016 DATE	12/28/16 DATE	 DATE



AIA® Document G701™ – 2001

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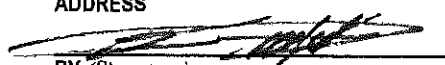
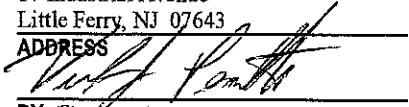

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 BY <i>(Signature)</i>	 BY <i>(Signature)</i>	 BY <i>(Signature)</i>
Ralph Nashed <i>(Typed name)</i>	Victor Pennetta <i>(Typed name)</i>	Gregory Brennan <i>(Typed name)</i>
12/28/2016 DATE	12/28/16 DATE	 DATE

Fax Change Order

PENNETA INDUSTRIAL AUTOMATION
 428 Hoboken Avenue
 Jersey City, NJ 07306
 (201) 420-1693

Date: December 19, 2016
 Company: E I Associates
 Attn: Ralph Nashed, Sr P.M.
 Fax no: _____
 Tele. no: _____
 Project name: _____

**Boiler Replacement at Union
High School**

- Contract Modification # 1**
- Addition to contract** **Deletion from contract**

Requested by: **Randy Gerisch**

Description: REPLACE SUMP PUMPS IN BOILER RM.

Disconnect and remove the existing motor starters and disconnect. Remove existing sump pumps and piping back to the existing 2" black pipe riser. Remove pit cover, clean existing pit. Clean and paint existing cover, reinstall cover. Supply and install two new pumps and pump control panel. Install new piping including new check valves. Install new disconnect, power and control wiring to sump pumps.	
SUMP PUMP AND CONTROL PANEL	\$ 12,780.00
MATERIAL	\$* 1,158.00
LABOR	\$ 6,144.00
ELECTRIC MATERIAL	\$ 450.00
ELECTRIC LABOR	\$ 2,000.00
SUBTOTAL	\$ 22,532.00
OH & P 10% + 5%	\$ 3,492.46
TOTAL EXTRA	\$ 26,024.46

Total Cost:
O/H & Mark-up

Total Change to Contract: \$ 26,024.00

Estimated effect on the project schedule: _____ days.

Please follow up with mailed hard copy

Client approved
 Signature: _____

761 Palmer Avenue
Holmdel, NJ 07733
Autumnassociatesinc.com

To: PENNETTA & SONS
Jersey City

Phone: (732)787-8900
Fax: (732)495-6267

Attn: RANDY

Date: 12/16/2016

Fax: (201)420-9424

QUOTATION

No: 15459

PROJECT: UNION HILLS H.S. NEW SUMP PUMP SYSTEM

EQUIPMENT: FEDERAL PUMP CORP.

E-MAIL: RGERISCH@PENNETTA.COM

RECORD NO B-81823 OR 1823, MODEL VF-2-1/2-4

(1) DUPLEX MODEL VF-2-1/2-4 VERTICAL SUMP PUMPS AND MOTORS BUILT FOR A 4' DEEP EXISTING BASIN, WITH FS-4 ALTERNATING AND AUXILIARY FLOAT SWITCHES COMPLETE WITH BALLS, RODS STANDS AND FLOAT SWITCHES. THE ALTERNATING FLOAT SWITCH SHALL HAVE N-5 HIGH WATER ALARM CONTACT WHICH WILL BE WIRED BACK TO THE CONTROL PANEL HIGH WATER ALARM CIRCUITS. THE MOTORS SHALL BE 1/2 HP, 1750 RPM, 208/3/60 ODP. THE DUPLEX CONTROL PANE SHALL BE MODEL D-1300 WITH (2) CIRCUIT BREAKERS, (2) MAGNETIC STARTERS, (2) HOS SELECTOR SWITCHES, (2) PILOT LIGHTS, (2) CONTROL CIRCUIT TRANSFORMERS & (1) HIGH WATER ALARM SECTION WITH HORN, SILENCER AND RED LIGHT.

ALL ABOVE FOR THE SUM OF..LIST \$ 15,984.00 X .8=.....\$12,780.00

WEIGHT: 600# FULL FRT ALLOWED BUT NOT UNLOADED.

DELIVERY WILL BE APPROX ON JAN 13 OR BEFORE. THE PLANT IS CLOSED FOR THE HOLIDAYS FROM DEC.21 THRU JAN. 2,2017

Estimated Shipping Date: ABOVE
Shipped Via: Common Carrier
F.O.B. FACTORY TO DESTINATION
Terms: Upon Credit Approval
Valid: 60 Days

This Quotation Does Not Contain Any Federal, State or Local Sales Taxes

By _____ Accepted _____ Date _____
Michael Evans

Mailing Address: P O BOX 4030 Middletown, NJ 07748

** Quotation **

The Ideal Supply Co.
445 Communipaw Avenue
Jersey City, NJ 07304
NJ 201-333-2600 NY 888-IDEAL-26
Fax 201-333-7376P/O #
Release #

Bid # S1865711
Date : 12/16/16
Exp Date : 01/30/17
Page # 1

Bid To:
PENNETTA INDUSTRIAL AUTOMATION
17 INDUSTRIAL AVE
P.O.BOX 698
LITTLE FERRY, NJ 07643
Phone # : 201-420-1693

Ship To:
PENNETTA INDUSTRIAL AUTOMATION
17 INDUSTRIAL AVE
P.O.BOX 698
LITTLE FERRY, NJ 07643
JOB:

Writer	Ship Via
Peter Fazio	NJ NORTH JERSEY

-----Qty-Description	Unit Price	Net
***** * If NOT stated "Lead Free" or "LF", the products listed may contain * * lead and *CAN NOT* be used for potable/drinking water service. * *****		
20ft 2 X 20' TYPE L HARD COPPER TUB	7.552ft	151.04
1ea 2 PROGRESS ADAPTER CXM # 79290 ZERO LEAD	39.097ea	39.10
2ea 2 PROGRESS ADAPTER CXF # 79370 ZERO LEAD	40.193ea	80.39
1ea 2 PROGRESS TEE CXCXC # 77477	33.341ea	33.34
2ea 2 PROGRESS ELBOW 45 CXC # 77043	24.499ea	49.00
2ea 2 PROGRESS ELBOW 90 CXC # 77042	29.567ea	59.13
2ea 2 PROGRESS BRONZE CHECK VALVE # 79060 ZERO LEAD	98.457ea	196.91

	BID TOTAL	608.91

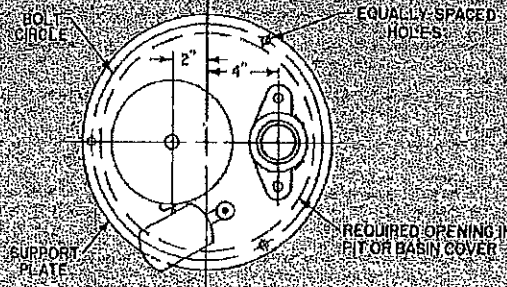
.. Reprint .. Reprint .. Reprint .. Reprint ..
Payment terms are subject to approved credit. Prices listed on this quotation are subject to change without notice beyond expiration date, include only the equipment listed and do not include any sales tax unless noted otherwise.

TYPE

VF-2

2" DISCHARGE Sump pumps

DIMENSIONS

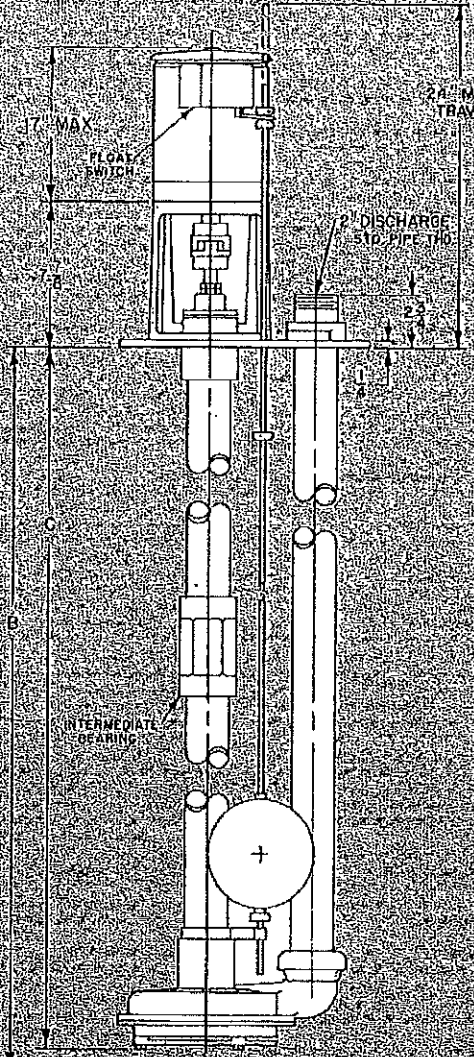


ENGINEERING SELECTION TABLE

1750 RPM			
Pump Type	Capacity G.P.M.	Discharge Head - Feet	Motor HP
VF-2	15	30	1/2
	15	41	3/4
	15	52	1
VF-2	30	28	1/2
	30	35	3/4
	30	47	1
	30	52	1 1/2
VF-2	50	23	1/2
	50	30	3/4
	50	38	1
	50	47	1 1/2
VF-2	75	17	1/2
	75	22	3/4
	75	27	1
	75	40	1 1/2
VF-2	100	10	1/2
	100	15	3/4
	100	20	1
	100	29	1 1/2
VF-2	125	10	3/4
	125	15	1
	125	24	1 1/2
1150 RPM			
VF-2	15	15	1/4
	15	18	1/2
	15	23	3/4
	15	25	3/4
VF-2	30	13	1/2
	30	17	3/4
	30	22	1
	30	24	3/4
VF-2	50	10	1/2
	50	13	3/4
	50	18	1
	50	21	3/4
VF-2	75	9	1/2
	75	12	3/4
	75	15	3/4

SUPPORT PLATES				
Dia. Plate	R.C.	Cover No. (Opening)	Bolt Holes	Dia. Holes
14	13	12	3	15/32
20	19	18	4	15/32

PIT OR BASIN DEPTHS	
Pit Depth	Pump Length
2'-0"	22"
2'-6"	27"
3'-0"	33"
3'-6"	39"
4'-0"	45"
4'-6"	50"
5'-0"	56"
5'-6"	62"
6'-0"	68"
6'-6"	74"
7'-0"	80"
7'-6"	86"
8'-0"	92"
8'-6"	98"
9'-0"	104"
9'-6"	110"
10'-0"	116"
10'-6"	122"
11'-0"	128"
11'-6"	134"
12'-0"	140"



Sump Size Determined by Pump Capacity and Depth of Sump (In.)	SUMP SIZE	
	(A) Min. Dia. for Single Unit	(B) Min. Dia. for Duplex Unit
15 G.P.M.	18"	30"
30 G.P.M.	24"	36"
40 G.P.M.	30"	42"
70 G.P.M.	30"	42"
100 G.P.M.	36"	42"
125 G.P.M.	36"	42"

*NOTE: Sump should be approx. 3 feet deeper than inlet.

