

**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
Public Works and Government Services Canada  
ATB Place North Tower  
10025 Jasper Ave./10025 ave. Jasper  
5th floor/5e étage  
Edmonton  
Alberta  
T5J 1S6  
Bid Fax: (780) 497-3510

**SOLICITATION AMENDMENT**  
**MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

**Comments - Commentaires**

**Vendor/Firm Name and Address**  
**Raison sociale et adresse du**  
**fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**  
Public Works and Government Services Canada  
ATB Place North Tower  
10025 Jasper Ave./10025 ave Jasper  
5th floor/5e étage  
Edmonton  
Alberta  
T5J 1S6

<b>Title - Sujet</b> FLUID COOLER INSTALL	
<b>Solicitation No. - N° de l'invitation</b> 39903-150572/A	<b>Amendment No. - N° modif.</b> 003
<b>Client Reference No. - N° de référence du client</b> CFIA 39903-150572	<b>Date</b> 2015-10-01
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWU-201-10546	
<b>File No. - N° de dossier</b> PWU-5-38075 (201)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2015-10-06</b>	<b>Time Zone</b> Fuseau horaire Mountain Daylight Saving Time MDT
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Ho (RPC), Hector	<b>Buyer Id - Id de l'acheteur</b> pwu201
<b>Telephone No. - N° de téléphone</b> (780) 901-0989 ( )	<b>FAX No. - N° de FAX</b> (780) 497-3510
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

Solicitation No. - N° de l'invitation

39903-150572/A

Client Ref. No. - N° de réf. du client

CFIA 39903-150572

Amd. No. - N° de la modif.

003

File No. - N° du dossier

PWU-5-38075

Buyer ID - Id de l'acheteur

pwu201

CCC No./N° CCC - FMS No/ N° VME

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Please see English amendment

## ADDENDUM M-02



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<b>Project:</b>	CFIA Dry Cooler	<b>Project No.:</b>	151-05170-00
<b>Date:</b>	September 30, 2015	<b>Client Proj. No.:</b>	H0004
<b>To:</b>	CFIA, Attn: Craig Armitage ( <a href="mailto:craig.armitage@inspection.gc.ca">craig.armitage@inspection.gc.ca</a> )		
<b>Distribution:</b>	WSP, Attn: Art Johnson ( <a href="mailto:art.johnson@wspgroup.com">art.johnson@wspgroup.com</a> ) WSP, Attn: Sandeep Sharma ( <a href="mailto:sandeep.sharma@wspgroup.com">sandeep.sharma@wspgroup.com</a> )		

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### TO ALL BIDDERS OF RECORD

#### **General Notes:**

1. This Addendum is used prior to Tender closing to provide for certain revisions as noted herein.
  2. All such revisions will become part of the Work and the effects shall be included in the Tender Price.
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## **1.0 SECTION 23 07 14 – THERMAL INSULATION FOR PIPING**

1.1 The following shall be added to section 3.6-Piping Insulation Schedules:

Type A-1:

- .1 Type 1 insulation with factory applied vapour retarder.
- .2 Securements: SS wire at 300 mm on centre. Pipe insulation with integral jacket shall be held in place by stapling the flaps on 75mm centres. Pipe insulation with integral self-sealing jacket will not require additional fastening.
- .3 Seals: Vapour retarder lap seal adhesive, Vapour retarder lagging adhesive.
- .4 Fittings: miter pipe insulation to fit tightly, or insulating cement, or with tightly placed flexible insulation covered with reinforcing membrane stapled in place. Alternately insulate fitting with tightly placed flexible insulation and apply aluminium fitting covers.
- .5 Valves, Strainers: where indicated on the particular product schedule, insulate valve bodies and strainers with insulating cement or fitted pipe insulation segments or mitred blocks equal to thickness of adjacent pipe insulation or insulate with tightly placed flexible insulation covered with reinforcing membrane stapled in place. Drains, blow-off plugs and caps shall be left uncovered. Alternately insulate with tightly placed insulation and apply aluminium fitting covers.
- .6 Flanges: where indicated insulate flanges with oversized pipe covering or mitred blocks to and applied in accordance with the manufacturer's directions. Alternately insulate with tightly placed flexible insulation and apply aluminium fitting covers.

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WSP Canada Inc.  
5940 Macleod Trail SW, Suite 900  
Calgary, Alberta Canada T2H 2G4  
Telephone: 403.255.7946 ~ Fax: 403.255.7996  
[www.wspgroup.ca](http://www.wspgroup.ca)

.7 Insulation termination points: terminate insulation 75 mm from fittings to provide working clearance and bevel insulation at 45 degree angle.

.8 Installation: TIAC Code: 1501-C.

1.2 The following items shall be added to section 3.6.5:

Application	Temp °C	Code	NPS Pipe sizes (Ø ) and insulation thickness (mm)				
			Run out	Up to 1	1 1/4 to 2	2 1/2 to 4	5 & 6
Chilled Water/Glycol (Supply / Return)	4-30	A-1	25	25	25	40	40

All pipes between existing chilled system and cold side of HE-6: with Type A-1 insulation complete with PVC jacket.

All pipes between hot side of HE-6 up to mechanical room penthouse and associated fluid cooler system pipes inside the penthouse: with Type A-1 insulation complete with PVC jacket.

All pipes associated with fluid cooler system between mechanical room penthouse and outside fluid cooler (FLC-1): with Type A-1 insulation complete with aluminum jacket.

1.3 The following item shall be added to section 3.6.6 – Finishes:

“Outdoors: waterproof aluminum jacket”

## 2.0 PROJECT NOTES AND CLARIFICATIONS

2.1 The volume of chilled water that is required to be drained for piping tie in at connection point M1 is estimated at approximately 20L. The tie in connection to HE-5 is inside of the isolation valves on the heat exchanger side; the amount of drained piping is expected to be minimal assuming proper isolation can be achieved.

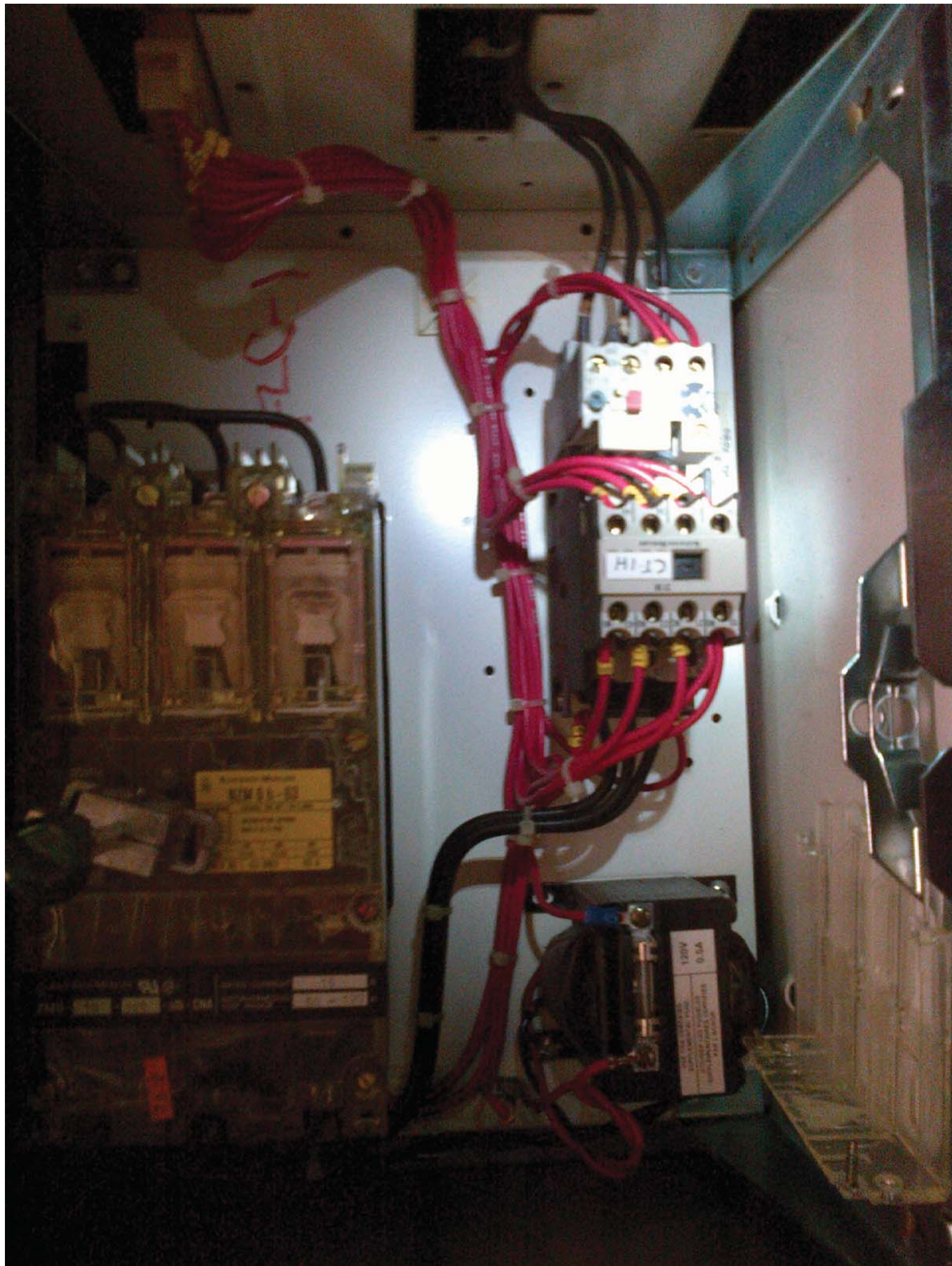
2.2 All pipe sizes labeled as “80Ø” shall be equivalent to 75mm diameter piping, or 3” diameter piping.

Issued by,

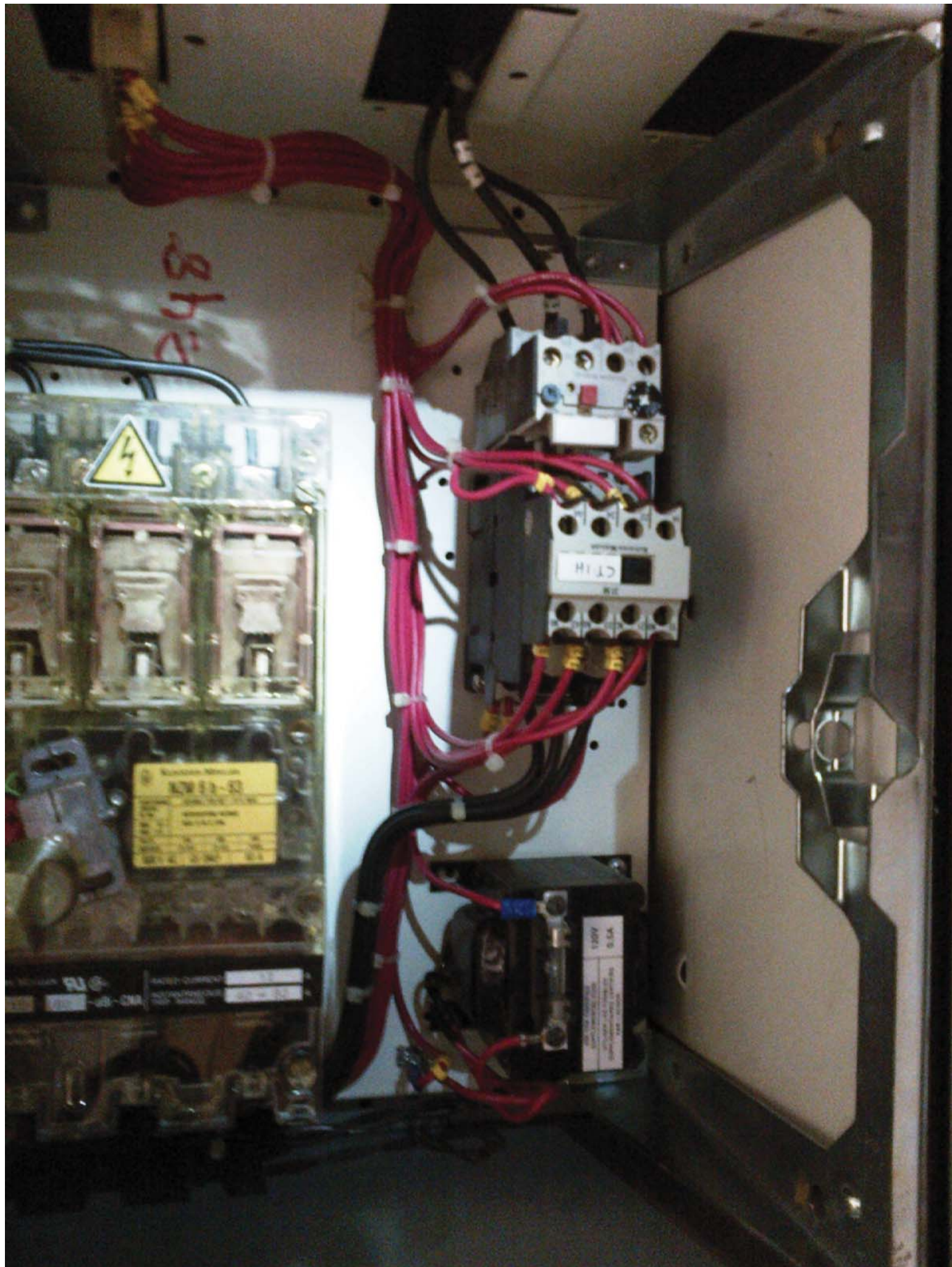


Mike Medinsky, P.Eng.  
Mechanical Engineer  
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# MORILLER <sup>ALUMINUM</sup> (M)

TYPE - CUBIC IN. COMPRESSOR

STATER

Weight	600	lb	3	in
Height	2.1	ft	11.0	in
Max 1.5	7000	psi	11.4	in
Weight	3-23-443-3000	lb	3	in



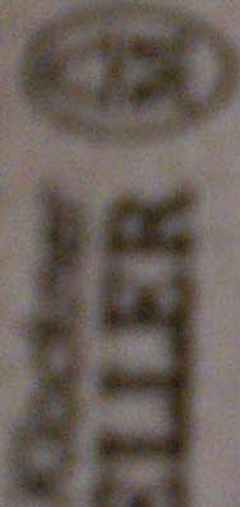
MCC 3 - EA1  
347/600V 3PH 4W

**Agr.**

3



MOELLER



TYPE - CODE DE CHIFFREMENT

STARTER

ANNEE  
EMISSION

600

3

1260

ANNEE  
EMISSION

6-1

COMPTES  
RENTABLES

110

ANNEE  
EMISSION

7080

ANNEE  
EMISSION

861

ANNEE  
EMISSION

3-3

COMPTES  
RENTABLES

7080-3