



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

**Bid Receiving - PWGSC / Réception des soumissions
- TPSGC**

**11 Laurier St./11 rue Laurier
Place du Portage, Phase III
Core 0B2 / Noyau 0B2
Gatineau, Québec K1A 0S5**

**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

Construction Services Division/Division des services de
construction
11 Laurier St./11 Rue Laurier
3C2, Place du Portage
Phase III
Gatineau, Québec K1A 0S5

| | |
|---|---|
| Title - Sujet CONSTR. UPGRADE ELEC SYS | |
| Solicitation No. - N° de l'invitation 39903-170022/A | Amendment No. - N° modif. 002 |
| Client Reference No. - N° de référence du client 39903-170022 | Date 2016-05-27 |
| GETS Reference No. - N° de référence de SEAG PW-\$\$FG-359-70870 | |
| File No. - N° de dossier fg359.39903-170022 | CCC No./N° CCC - FMS No./N° VME |
| Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-06-07 | |
| Time Zone Fuseau horaire Eastern Daylight Saving Time EDT | |
| F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/> | |
| Address Enquiries to: - Adresser toutes questions à: Benoit, Marie-Eve | Buyer Id - Id de l'acheteur fg359 |
| Telephone No. - N° de téléphone (819) 420-0720 () | FAX No. - N° de FAX () - |
| Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Agence canadienne de l'inspection des aliments / Canadian Food Inspection Agency 59 chemin Camelot drive OTTAWA ON K1A 0Y9 | |

Instructions: See Herein

Instructions: Voir aux présentes

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

Solicitation No. - N° de l'invitation

39903-170022/A

Amd. No. - N° de la modif.

002

Buyer ID - Id de l'acheteur

FG359

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

39903-170022

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

THE PURPOSE OF THIS AMENDMENT IS TO ISSUE THE FOLLOWING:

1. Addendum 001 attached.

ALL OTHER TERMS AND CONDITDIONS REMAIN THE SAME.

The following changes in the bid documents are effective immediately. This addendum will form part of the contract documents:

SPECIFICATIONS

Section 01 00 10 General Instructions

- 1 **ADD:** 1.23.6 "Conduct and schedule all work requiring a disruption to building services and operation during "off hours" Monday to Friday from 16:00 PM to 07:30 AM and on Saturdays, Sundays and Statutory Holidays."

Section 01 91 13 Commissioning – Electrical Systems

- 1 **DELETE:** 3.1.1
- 2 **REPLACE with:** 3.1.1 "Engage the services of a recognized testing agency or electrical consulting firm to perform a complete short-circuit study, equipment interrupting or withstand evaluation, and a protection device coordination study for the electrical distribution system."
- 3 **DELETE:** 3.1.2
- 4 **REPLACE with:** 3.1.2 "The Division 26 contractor shall retain and pay for the services of a Testing Organization (TO) to provide System Co-ordination Study, Verification and On-Site Commissioning Service in accordance with the details specified herein."
- 5 **DELETE:** 3.1.3

Section 26 09 13.11 Remote Operation Panel Metering and Switchboard Instruments

- 1 **DELETE:** 3.2.1
- 2 **REPLACE with:** 3.2.1 "Customer Training: Provide two separate sessions of informal orientation training to the software users. The first session shall be one day and shall cover how to access the software and view real-time and historical data. The orientation shall be "hands-on" with the site personnel actively using the software. The second orientation session shall be one day and shall be a follow-up session provided within six (6) months of final delivery. Schedule both sessions with the Departmental Representative."

Section 26 12 16.01 Dry Type Transformers up to 600 V Primary

- 1 **DELETE:** 2.1.1.13

SPECIFICATIONS (CONT'D)

Section 26 23 00.01 Low Voltage Remote Operation Panel

- 1 **ADD:** 2.11.3 “Provide a fully configured dedicated desktop server and install all software for generator controls, metering and remote operation panel.”

Section 26 32 13.01 Power Generation Diesel - Controls

- 1 **ADD:** 1.4.7 “Operating Function: The generators are intended to operate separately from each other and are not intended to operate in a parallel manner. In the case that one Generator is not available to run, the associated main breaker would be manually opened, the tie breaker would be manually closed and the facility would implement load shedding procedures to allow one generator to carry the required loads.”
- 2 **DELETE:** 2.4.1
- 3 **REPLACE with:** 2.4.1 “The Generator Controller is to be housed in the new Low Voltage Remote Operation Panel (refer to Section 26 23 00.01) and come complete with:
 - .1 AVR, etc.
 - .2 System Metering.
 - .3 System Controls.”
- 4 **DELETE:** 2.4.2.4
- 5 **REPLACE with:** 2.4.2.4 “Modify the new Low Voltage Remote Operation Panel to be finished in accordance with Section 26 05 00 – Common Work Results for Electrical, required to suit the new control equipment. Paint colour to match existing. Systems shall be suitable for installation in a sprinklered environment.”
- 6 **DELETE:** 2.4.2.6
- 7 **REPLACE with:** 2.4.2.6 “Mount the related controls and metering in each engine’s respective cubical.”
- 8 **ADD:** 3.1.5 “The existing generator PT’s and CT’s used for generator controls are not required to be replaced and shall be re-used and reconnected to the new Generator Controls. Contractor shall modify and extend conduit and wiring to new Generator Controls. “
- 9 **ADD:** 3.1.6 “Install software for Generator Controllers and remote monitoring software on new desktop computer to be located in Building 201.”

SPECIFICATIONS (CONT'D)

Section 26 32 13.02 Temporary Power Generation Diesel

- 1 **DELETE:** 2.1.4
- 2 **REPLACE with:** 2.1.4 "Provide temporary generators complete with full fuel tanks. The cost of additional fuel used by the temporary generators due to their intended use as an emergency back-up power source shall be submitted to the Departmental Representative at cost for re-imbusement on a monthly basis. The contractor shall maintain a record of time of use and hours of use for each temporary generator and submit with fuel invoices on a monthly basis."

DRAWINGS

Drawing E1-03 Single Line Diagram New Work – Phase 1

- 1 Refer to attached sketch ADD-1-SK1 and revise cable size for temporary generators #1 and #2 to "2x (4#750MCM+GND-1/C Teck) or equivalent to the requirements of the Electrical Safety Authority".

Drawing E2-01 Single Line Diagram – New – Phase 2

- 1 **DELETE:** Drawing Note 1.
- 2 **REPLACE with:** Drawing Note 1: "Cables shown in dotted lines are planned for reuse. Contractor to site verify exact lengths of cables during installation and adjust final placement of equipment on site to allow reconnection of existing cables."

Drawing E2-02 Panel Schedule Details Storage Room – New – Phase 2

- 1 **DELETE:** Drawing Note 1.
- 2 **REPLACE with:** Drawing Note 1: "Cables shown in dotted lines are planned for reuse. Contractor to site verify exact lengths of cables during installation and adjust final placement of equipment on site to allow reconnection of existing cables."
- 3 **INFORMATION:** Drawing note 2: Correction to French notes.

Drawing E2-03 Panel Schedule Details Electrical Room – New – Phase 2

- 1 **DELETE:** Drawing Note 1.
- 2 **REPLACE with:** Drawing Note 1: "Cables shown in dotted lines are planned for reuse. Contractor to site verify exact lengths of cables during installation and adjust final placement of equipment on site to allow reconnection of existing cables."

DRAWINGS (CONT'D)

Drawing E2-04 Part Floor Plan – Electrical Room – Demolition – Phase 2

- 1 **DELETE:** Drawing Note 2.
- 2 **REPLACE with:** Drawing Note 2: “Cables shown in dotted lines are planned for reuse. Contractor to site verify exact lengths of cables during installation and adjust final placement of equipment on site to allow reconnection of existing cables.”

Drawing E2-05 Part Floor Plan – Storage Room – Demolition – Phase 2

- 1 **DELETE:** Drawing Note 2.
- 2 **REPLACE with:** Drawing Note 2: “Cables shown in dotted lines are planned for reuse. Contractor to site verify exact lengths of cables during installation and adjust final placement of equipment on site to allow reconnection of existing cables.”

Drawing E2-06 Part Floor Plan – Electrical Room – New Construction – Phase 2

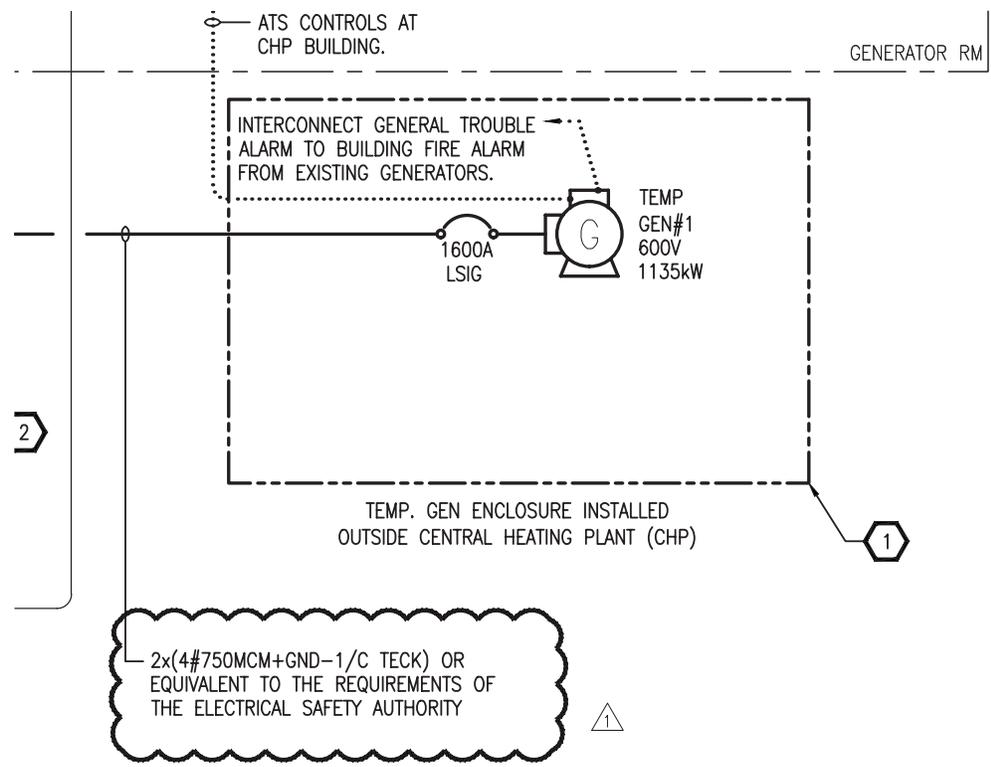
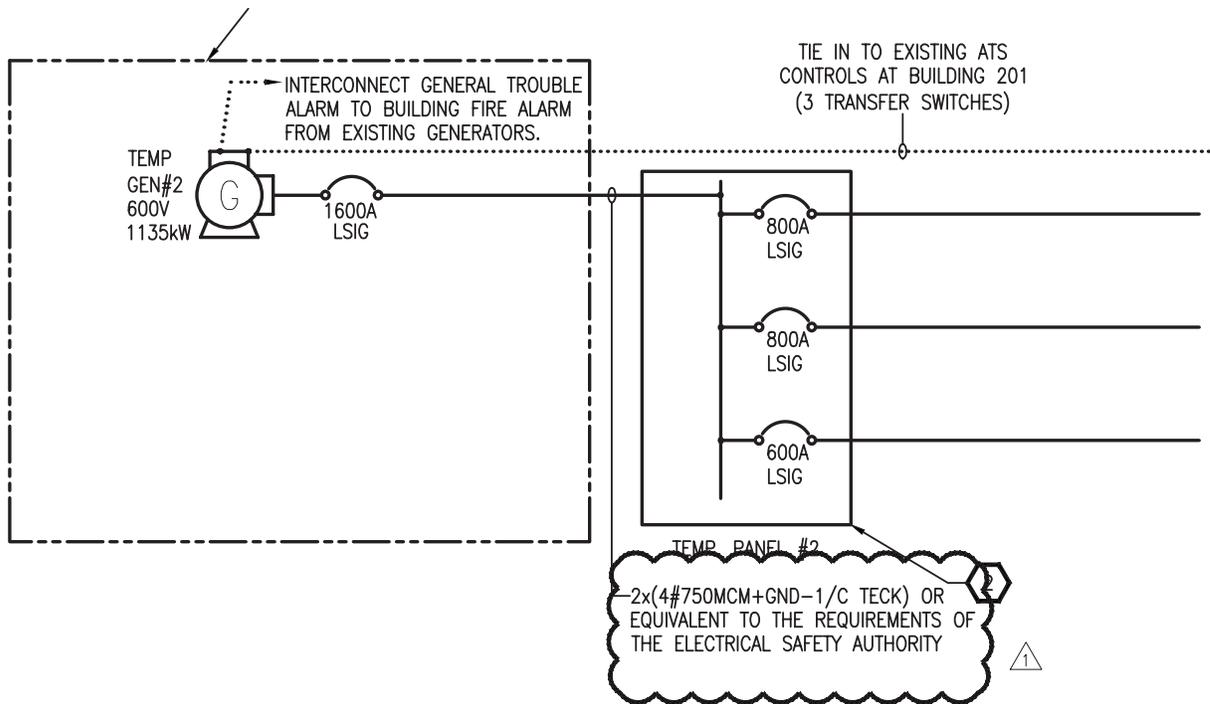
- 1 **DELETE:** Drawing Note 2.
- 2 **REPLACE with:** Drawing Note 2: “All power cables, cable trays and conduit shown in dotted lines are planned for reuse. Contractor to site verify exact lengths of cables during installation and adjust final placement of equipment on site to allow reconnection of existing cables. Extend existing cables, cable tray and conduits as required.”
- 3 **ADD:** Refer to attached sketch ADD-1-SK2 and add column dimensions as shown.

Drawing E2-07 Part Floor Plan – Storage Room – New Construction – Phase 2

- 1 **DELETE:** Drawing Note 2.
- 2 **REPLACE with:** Drawing Note 2: “Cables shown in dotted lines are planned for reuse. Contractor to site verify exact lengths of cables during installation and adjust final placement of equipment on site to allow reconnection of existing cables.”

Enclosures: Sketches ADD-1-SK1 & ADD-1-SK2

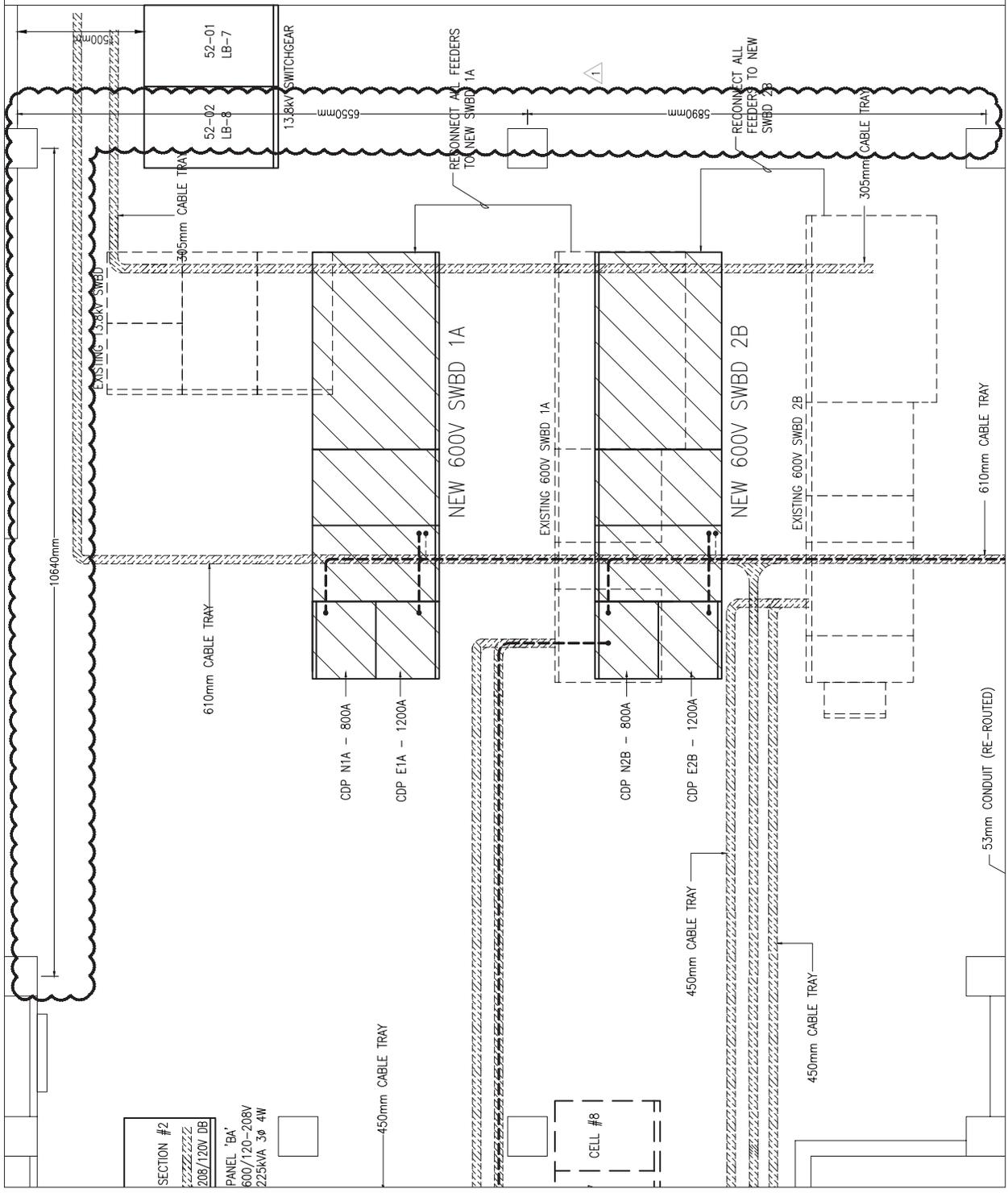
END OF ADDENDUM



| | | | | | | | |
|---------|------------------------------------|---|------------|---------|------------|-------|-----------|
| CLIENT | CANADIAN FOOD INSPECTION AGENCY |  Goodkey Weedmark <i>Consulting Engineers</i> | | | | | |
| PROJECT | CFIA OLF ELECTRICAL UPGRADES | | | | | | |
| TITLE | TEMPORARY GENERATOR CABLE REVISION | DATE | 2016-05-27 | DRAWN | C.CLIFFORD | SCALE | N.T.S. |
| | | PROJECT No. | M10139 | CHECKED | J.MOFFAT | No. | ADD-1-SK1 |

1688 Woodward Dr.
Ottawa Ontario
Canada K2C 3R8

613 727-5111 Voice
613 727-5115 Fax
www.gwal.com Web



SECTION #2
 208/120V DB
 PANEL 'BA'
 600/120-208V
 225kVA 3Ø 4W

| | | | | |
|--|--------------|---------------------|----------|-----|
| DATE | 2016-05-24 | Issued For Approval | REVISION | REF |
| | | | | |
| <p>THE DRAWER WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH MAY BE CAUSED BY THE USER'S FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE NOTES HEREON. THE USER SHALL BE RESPONSIBLE FOR ANY AND ALL PROBLEMS WHICH MAY BE CAUSED BY HIS OWN FAILURE TO OBTAIN AND FOLLOW THE ENGINEER'S ADVISE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH MAY BE CAUSED BY HIS OWN NEGLIGENCE OR CARELESSNESS.</p> <p>THIS DRAWING IS THE PROPERTY OF GOODKEY WEEDMARK & ASSOCIATES LIMITED AND ALL COPYRIGHTS ARE RESERVED. NO USE OF THIS DRAWING MAY BE MADE WITHOUT WRITTEN CONSENT.</p> <p>L'INGÉNIEUR DÉCLINE TOUTE RESPONSABILITÉ ACCORDANT LE PROBLEME PRODUIT PAR L'USAGER EN NE SUIVANT PAS CES PLANS, SPÉCIFICATIONS ET LES NOTES ICI. L'USAGER SERA RESPONSABLE DE TOUTES LES PROBLÈMES QUI PEUVENT ÊTRE CAUSÉS PAR SA PROPRE ÉCART À OBTENIR ET SUIVRE LES CONSEILS DE L'INGÉNIEUR EN CE QUI CONCERNE LES ERREURS, OMISSIONS, INCONSISTENCES, AMBIGUITÉS OU CONFLITS QUI PEUVENT ÊTRE CAUSÉS PAR SA PROPRE NÉGLIGENCE OU CARENCE.</p> <p>CE Dessin est la propriété de GOODKEY WEEDMARK & ASSOCIATES LIMITED et tous les droits sont réservés. L'UTILISATION EST INTERDITE SANS LE CONSENTEMENT ÉCRIT DE L'AUTEUR.</p> <p>NE PAS REPRODUIRE CES DESSINS À TITRE ILLÉGALE</p> | | | | |
| <p>Goodkey Weedmark & Associates Limited Consulting Engineers</p> <p>GOODKEY WEEDMARK & ASSOCIATES LIMITED 138 Woodward Dr. 11000 Ottawa Ontario Canada K2C 3R8 Phone: 613 727-5111 Fax: 613 727-5115 Web: www.gweal.com</p> | | | | |
| <p>PROJECT/PROJET CFIA Oil Electrical Upgrades</p> | | | | |
| <p>TITLE/TITRE DIMENSION CLARIFICATIONS</p> | | | | |
| Scale | N/A | | | |
| Echelle | | | | |
| Design by | C. CLIFFORD | | | |
| Conçu par | | | | |
| Drawn by | C. CLIFFORD | | | |
| Dessiné par | | | | |
| Reviewed by | J. MOFFAT | | | |
| Examiné par | | | | |
| Date | APRIL 2016 | | | |
| Date | | | | |
| Project no./ Nouveau projet | M10139 | | | |
| DWG. No. | | | | |
| No. Dessin | | | | |
| | ADD-1 | | | |
| | -SK2 | | | |