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Public Works and Government Services Canada  
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T5J 4C3  
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  
Canada Place / Place du Canada  
10th Floor / 10e étage  
9700 Jasper Ave / 9700 ave Jasper  
Edmonton  
Alberta  
T5J 4C3

<b>Title - Sujet</b> Microbiology Lab Construction - AAF	
<b>Solicitation No. - N° de l'invitation</b> EP922-210468/A	<b>Amendment No. - N° modif.</b> 005
<b>Client Reference No. - N° de référence du client</b> AAFC-EP922-210468	<b>Date</b> 2020-09-04
<b>GETS Reference No. - N° de référence de SEAG</b> PW-SPWU-183-11877	
<b>File No. - N° de dossier</b> PWU-0-43069 (183)	<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 2020-09-10</b>	<b>Time Zone</b> <b>Fuseau horaire</b> 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> Tikhonovitch (RPC), Alex	<b>Buyer Id - Id de l'acheteur</b> pwu183
<b>Telephone No. - N° de téléphone</b> (780) 901-7940 ( )	<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>

Travis Cooke MAA SAA  
Glen Gross MAA SAA AAA  
Jason Kun MAA AAA  
Markian Yereniuk MAA SAA AAA

Agriculture & Agri-Food Canada (AAFC)  
Lacombe Research & Development Centre (LaRDC)  
Microbiology Laboratory Remediation  
6000 C&E Trail – Lacombe, AB  
Project No. R.083193

## ADDENDUM NO.2

September 4, 2020

This addendum shall be read in conjunction with the drawings and specifications prepared for this project, dated May 29, 2020. Where inconsistent with the drawings and specification, this Addendum shall govern. The same conditions of the Contract shall apply to the Addendum as to the original drawings and specifications. Receipt of this addendum shall be acknowledged in the submission of the completed tender. This addendum shall form an integral part of the Contract Documents.

Total Pages = 7 (including attachments)

Attachments: Site Aerial Photo, Mechanical Addendum M-002, Electrical Addendum E-02.

### GENERAL:

#### **Item No. 1: Access by Owner**

Reference: Section 01 14 00 – Work Restrictions

1. Question: Will staff require access to Corridor 116 during construction?

Answer: The client has advised that access will be required daily to adjacent laboratory spaces via Corridor 116 as follows:

- a. Access will be required to the Storage Cooler 133 where supplies are located for daily activities. Cooler access may be required throughout the day, for brief periods of time on an as needed basis.
- b. Access will be required to Virology Lab 136 (across the hall) via Corridor 116.
- c. Access may be required by Maintenance Staff to Mechanical Room 126 and Electrical Room 129 on an as needed basis.
- d. The offices accessed from Corridor 122 will not be in use at this time.

**Note:** This item replaces the information previously provided in Addendum #1, Item No.2.

## Item No. 2: Contractor Site Area

Reference: See attached Site Aerial Photograph.

1. Question: Please identify where the proposed contractor laydown area will be located on site.

Answer: Contractor laydown area is proposed in the Visitor Parking area on the South side of the building. Coordination needed with Client to determine exact placement. See attached aerial photograph for reference.

**Note:** This item replaces the information previously provided in Addendum #1, Item No.6.

## ARCHITECTURAL:

### Item No. 1: Painting

Reference: Section 09 91 00.08 – Painting for Minor Works

1. Question: The paint spec calls for epoxy paint in the lab and equipment room, specifically INT 9.2E. This product is a solvent based material that apparently is not recommend for drywall applications as it will eat through the paper facing on the gypsum. Suggestion is to change to a water-based epoxy product. Please advise.

Answer:

Revise Section 09 91 00.08, Paragraph 2.1.7 – Interior Painting, Sentence 2.3 to be:  
INT 9.2F – Epoxy-Modified Latex (water-based), G5 finish (over latex primer / sealer).

2. Question: Regarding the noted MPI standards, is a painting inspection required and if so, who is responsible for covering the added cost of the independent inspector?

Answer: Independent MPI Painting Inspection is not included in the specifications and is not required for this project.

### Item No. 2: Acceptable Manufacturers

Reference: Section 11 53 13, Section 12 35 53.13, Section 12 56 53, Section 12 56 53.13

1. Section 11 53 13 – Laboratory Fume Hoods:
  - a. Paragraph 2.1.1 – Acceptable Manufacturers:
    - i. Add: **Air Master Systems Corp. – Solutions Series**
2. Section 12 35 53.13 – Metal Laboratory Casework:
  - a. Paragraph 2.1.1 – Acceptable Manufacturers:
    - i. Add: **Air Master Systems Corp.**
3. Section 12 56 53 – Modular Laboratory Workstations
  - a. Paragraph 2.1.1 – Acceptable Manufacturers:
    - i. Add: **Air Master Systems Corp. – Solution Series, Gemini System.**
4. Section 11 53 13 – Overhead Service Carriers:
  - a. Paragraph 2.1.1 – Acceptable Manufacturers:
    - i. Add: **Air Master Systems Corp.**

**NOTE:** All acceptable manufacturers must be able to meet all of the performance requirements defined in the project specifications, including coordination with all Mechanical and Electrical design criteria. Vendors must ensure that all products included in bid will meet all performance criteria prior to submitting bid. Failure to meet all performance requirements may result in manufacturer / supplier being removed from project.

## **MECHANICAL:**

### **Item No. 1: Faucets**

Reference: Plumbing Fixture Schedule – see attached MSK-1

1. Question: There are conflicting specs on the drawings for the mechanical trade. The spec'd faucets are different than the remarks requested on page 8 (M0.0). Spec'd faucets are electronic, single hole, laminar outlet, and need to be specified for either battery or hard-wired operation. Remarks state 8" centers, serrated nozzle outlet and lever handles.

Answer: Refer to attached Mechanical Addendum M-002.

- a. Revise SK-1 and SK-3 fixtures as per attached sketch MSK-1

## **ELECTRICAL:**

### **Item No. 1: Lab Bench Receptacles**

Reference: Drawing E2.1 – Power Renovation Plan

2. Question: With regard to Drawing E2.1, I would like to confirm that the Electrical Receptacles shown at benches 1, 3 and 5 are to come pre-installed by the furniture supplier as is shown on Details 5 and 7 of Drawing A4.1.

Answer: Refer to attached Electrical Addendum E-02.

- a. Receptacles shown within lab benches 1, 3, & 5 shall be supplied by the successful lab bench vendor.
- b. Electrical Contractor shall supply and install receptacles and communication backboxes within ceiling service panels and suspended service carriers. Refer to previous Electrical Addendum E-01.

**END OF ADDENDUM**

## ADDENDUM

NO. M-002

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**PROJECT NAME:** AAFC - LaRDC  
Microbiology Lab Remediation

**PROJECT NO.:** 18-199

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**ISSUED BY:** MARCUS LOCKHART

**DATE OF ISSUE:** September 4, 2020

To: Ben Thompson  
| 1x1 Architecture Inc.  
120 Fort Street, Winnipeg, MB, R3C 1C7  
  
PH: 204-318-2010

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**Please issue the following Addendum to all parties concerned**

- 1) Revise SK-1 and SK-3 fixtures as per the attached sketch MSK-1

**End of Mechanical addendum M004**

**PER: Marcus Lockhart**  
*Associate*



PLUMBING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	MANUFACTURER	MODEL	TRIM	REMARKS
(ES-1)	RELOCATED EMERGENCY SHOWER	EXISTING	EXISTING	-	-
(SK-1)	SINGLE COMPARTMENT EPOXY INTEGRATED HANDWASH SINK WITH EYEWASH	BOWL SUPPLIED/INSTALLED BY OTHERS	-	C/W DELTA FAUCET MODEL# 15013370 FAUCET WITH EW-1 SIDE SWING EYEWASH	BATTERY OPERATED FAUCET C/W THERMOSTATIC MIXING VALVE IN RECESSED S.S. ENCLOSURE
(SK-2)	DOUBLE COMPARTMENT EPOXY INTEGRATED LAB SINK	BOWL SUPPLIED/INSTALLED BY OTHERS	-	C/W DELTA FAUCET MODEL# W6740-9-C FAUCET	8" CENTER, 6" GOOSENECK SPOUT, SERRATED NOZZLE-OUTLET, LEVER HANDLES, CRUMB CUPS AND BASKET STRAINERS
(SK-3)	SINGLE COMPARTMENT EPOXY INTEGRATED LAB SINK	BOWL SUPPLIED/INSTALLED BY OTHERS	-	C/W DELTA FAUCET MODEL# W6740-9-C FAUCET	8" CENTER, 6" GOOSENECK SPOUT, SERRATED NOZZLE-OUTLET, LEVER HANDLES, CRUMB CUPS AND BASKET STRAINERS
(RO-1)	REVERSE OSMOSIS DECK MOUNTED FAUCET	N/A	-	C/W DELTA FAUCET MODEL# W663501	-
(FD-1)	FLOOR DRAIN	WATTS	FD-1100-6-5-3	C/W S.S. STRAINER, EPOXY COATED BODY AND REVERSIBLE MEMBRANE CLAMP	-
(EW-1)	EYE WASH	BRADLEY	S19274HD	-	SWING-ACTIVATED EYEWASH
(MV-1)	EMERGENCY FIXTURE MIXING VALVE	LEONARD	TM-800-LF	C/W INTEGRATED CHECK VALVES & TEMPERATURE GAUGE	LOCATED IN CASEWORK SERVICE SPACE

NOTES:  
1. REFER TO ARCHITECTURAL DRAWING FOR EXACT FIXTURE LOCATIONS & QUANTITIES. CONFIRM EXACT BOWL PROVIDE ALL WASTE ASSEMBLY ITEMS FOR SINK WASTE  
2. INSTALL ISOLATION VALVES ON ALL BRANCH LINES TO SINKS, HIGH PURITY WATER SYSTEMS, EYE WASH STATIONS, EMERGENCY SHOWERS, FUME HOODS ETC  
3. REFER TO PLAN DRAWINGS FOR CLEARIFICATION ON WHICH SINKS REQUIRE LHW, LHW, AND LOW



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200, 1422 Kensington Rd NW  
Calgary, AB T2N 3P9

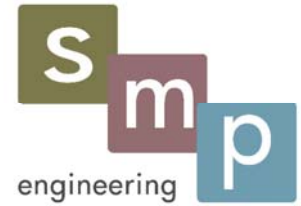
remedyeng.com

PROJECT	LARDC - MICROBIOLOGY LAB	DATE	2020-09-03	PROJECT NO.	
DRAWING	REMEDICATION	DRAWN	ML	18-199	
DRAWING	PARTIAL OF M0.0	CHECK	ML		DRAWING NO.
		SCALE	1:100		MSK-1

FILE NAME:p:\2018\18-199-lardcmicrobiologylabreno\dwg (acad)\mech\m0.0 - keyplan.dwg  
PLOT DATE:2020-09-01 12:11:45 PM  
PLOTTER: B7:narcus.lockhart

# ADDENDUM

NO.: E-02



Lacombe Research and Development  
PROJECT NAME: Centre – Microbiology Lab Remediation

PROJECT NO.: 18-01-0567

ISSUED BY: Helen Hiloma

DATE OF ISSUE: 2020-09-04

RE: Lab Bench Outlets Clarifications

To: 1x1 Architecture Inc.  
120 Fort Street, Suite 103  
Winnipeg, MB  
R3C 1C7  
Attention: **Ben Thompson**

Please issue the following Electrical Addendum E-02 to all parties concerned.

## 1. In reference to drawing E2.1 – Power Renovation Plan

- 1.1. Receptacles shown within lab benches 1, 3, & 5 shall be supplied by the successful lab bench vendor.
- 1.2. Electrical contractor shall supply and install receptacles and communication backboxes within ceiling service panels and suspended carriers. Refer to Addendum E-01.

This Addendum amends the Contract Documents. If you require clarifications please do not hesitate to contact the issuer at (403) 270-8833.

PF/ly



