

CLARIFICATIONS: QUESTIONS & ANSWERS

1. **Q:** Procurement documents indicate that the work shall be complete 15 weeks from the date of award. However, the steel laboratory case work is a 10-12 week delivery from approved shop drawings. It will take a few weeks to put the shop drawings together, so this already pushes us past the completion date of this project. Can this be reviewed?

A: To allow for delivery, work shall be complete 20 weeks from the date of award. See revised Offer & Acceptance form contained in addendum #1.

2. **Q:** Keynote 7 on the demolition drawings indicate that the exhaust hood is to be moved to owner surplus. Where is this location? Is it within building 72 or somewhere off site? We need to know if special transportation arrangements need to be made.

A: Exhaust hood to be moved to a location on site.

3. **Q:** 01 14 00 1.5.1 indicates to Paint and carpet public or Departmental Representative occupied areas as per Departmental Representative's written instructions. What does this refer to? Can the DR then arbitrarily indicate to the contractor additional areas that need paint and/or carpet?

A: This requirement is being removed in the addendum.

4. **Q:** As the majority of the work is localized within the individual rooms, would AAFC accept the closed door to the construction area as sufficient hoarding? Or do we need to run a hoarding wall down the corridor to protect the entire construction area?

A: Provide signage, walk off mats to control dirt and closed doors are acceptable.

5. **Q:** 01 78 00 1.4.9 indicates that the contractor is to provide 1:1 scaled CAD files in dxf dwg format on CD. What is to be provided in this format? The shop drawings? The As-builts? Please clarify.

A: This is revised in the Addendum.

6. **Q:** Can additional details be provided for the fume hood that is to be relocated? Is there a model number or shop drawing that can be provided?

A: No, we don't have any information on the fume hood; this was the purpose of the walk through for the contractors.

7. **Q:** Drawing A2.1 indicates that the contractor is to reconnect washer and dryer that are to be relocated. Where are these relocated from? This did not appear on the demolition drawing.

A: These are currently in the building, in Room 176, the contractor is responsible for relocating these. Note added to the addendum.

8. **Q:** Further to my question below about the fume hoods, we also need some information on the growth chambers so they can be properly relocated.

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A: Note added to Addendum.

9. **Q:** The drawings indicate that the new dishwashers are to be supplied and installed by the general contractor, but there is no model or specification provided. Can something be provided so we can get accurate pricing?

A: This dishwasher specification will be in the addendum.

10. **Q:** Are there any requirements for floor repair or patching where equipment is being relocated? Where services are abandoned, so we have to patch the concrete floor?

A: This will have to be a site condition item; no way to tell or see what is under each piece of equipment. This will be dealt with on a case by case by change order.

11. **Q:** Keynote 7 on A1.4 indicates that the contractor to remove equipment and mechanical ducting, exhaust canopy and repair roof openings. Can an approximate size be given for the opening in the roof?

A: This was the purpose of the site visit, the contractor will have to make an allowance or go back on site.

12. **Q:** Is the construction of the existing roof known? If so can it be provided?

A: This was the purpose of the site visit, the contractor will have to make an allowance or go back on site.

13. **Q:** The drawings are not clear which fume hoods receive a vented base cabinet, solvent cabinet, or acid cabinet. Can you clarify what goes in which location?

A: Each fume hood receives one of each, the size of each cabinet is determined by the overall length of the fume hood.

14. **Q:** Due to absence of detailed laboratory casework specification, are we to proceed with the notion that the basis of design is a leg-frame system with suspended casework?

A: Yes. We have identified the compatible casework system as the Bedcolab "Opus" suspended steel cabinets. Which work in conjunction with "Chorus" leg / frame system. We will provide these to specifications to the addendum for information

15. **Q:** All areas noted as "New Laboratory Furniture System" indicate 760mm high worktop, which is a sitting or desk height. Is this the intended worktop height at all new locations?

A: Yes, unless otherwise noted on the drawings.

16. **Q:** DR is noted as "bank of drawers below" in the legend and does not indicate suspended. Should these be suspended drawer units?

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A: Yes, see drawers in Opus specification.

.17 **Q:** What is the basis of design for the OS or Open Shelving above?

A: We will add reference images to the addendum, intent is to match existing.

.18 **Q:** Room 118, drawing A2.1 it notes "Replace laminate on island millwork". Is the intent to replace with new epoxy as per the specification? Please confirm.

A: No, to be replaced with p. lam.

.19 **Q:** Room 150, drawing A2.2 there are two cabinets shaded and labeled with Note 4 with one additional cabinet (north west corner) drawn but not shaded or identified. Please confirm two or three cabinets required?

A: Only two required as per notes.

.20 **Q:** Are there any photos of the existing laboratory casework that could be provided in absence of details and specifications to aid with our estimating?

A: Yes. See the addendum, although this was the intent of the site visit.

.21 **Q:** Are there any Approved Equals ?

A: Yes, see attached *Approved Equals*.



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REQUEST FOR EQUALS

Sent to: Public Works & Gov't Services Canada

Date: 18-Nov-13

Page: 1 of 1

Attn: Valerie Thompson

Closing Date: Nov 26, 2013

From: Travis Clarke

Job Name: Morden Research Station, Lab Renovations

Fax Number _____

Unit 100-101 Route 100

Morden, MB

Your consideration is requested that the following materials be considered as equal to those specified.

Item	Div./Section	Specified Description	Equal Description
Fans		Greenheck	Twin City (YES)
VAV's		EH Price	Titus (YES)
Grilles, Registers and Diffusers		EH Price	Titus (YES)
Fire Dampers			AMI- Air Management Inc (YES)
Backdraft Dampers			Ventex/Alumavent (YES)
<div style="border: 1px solid black; padding: 10px; margin: 10px;"> <p>SMS Engineering Ltd. Consulting Engineers</p> <p><input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> ALTERNATE <input type="checkbox"/> NOT APPROVED</p> <p>DATE: <u>NOV. 21, 2013</u> <u>RCJ</u></p> <p style="text-align: right;">* SUBJECT TO REQUIREMENTS OF PLANS AND SPECIFICATIONS</p> </div>			
<p>If Any Additional Product Information is Required Before Equals Can Be Granted, Please Let Us Know.</p>			

Thank You!

REQUEST FOR EQUALS

To: SMS Engineering

Attention:

Fax No.

Re: Morden Research Centre

From: D.Friesen, C.E.T

SPEC. SECTION	ITEM	PRODUCT SPECIFIED	REQUESTED EQUAL	EQUAL GRANTED
23 37 13	GRDs	Price	Nailor - To meet or exceed specified performance and specifications	YES
23 36 00	Variable Volume Boxes	Price	Nailor - To meet or exceed specified performance and specifications	YES
23 34 00	Inline Fans	Greenheck	Loren Cook - To meet or exceed specified performance and specifications	YES
	Backdraft Dampers		Ventex - To meet or exceed specified performance and specifications	YES
	Fire Dampers		Nailor - To meet or exceed specified performance and specifications	YES
23 82 19	Computer Romm Airconditioners	Mitsubishi	Daikin Applied - To meet or exceed specified performance and specifications	YES

SMS Engineering Ltd. Consulting Engineers <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> ALTERNATE <input type="checkbox"/> NOT APPROVED DATE: <u>NW. 21, 2013</u> <u>RSJ</u>	* SUBJECT TO REQUIREMENTS OF PLANS AND SPECIFICATIONS
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