

This Addendum contains 10 Pages and no attachments.

The following information supplements and/or supersedes the bid documents issued on: April 28, 2017

This Addendum forms part of the contract documents and is to be read, interpreted, and coordinated with all other parts. The cost of all contained in the original drawings and specifications issued for the above-named project to the extent referenced and shall become part thereof. Acknowledge receipt of this Addendum by inserting its number and date on the Tender Form. Failure to do so may subject bidder to disqualification.

ARCHITECTURAL

ADDENDUM #2

- 5.1 **REFER TO SECTION 09 22 16 – NON-STRUCTURAL METAL FRAMING**
- .1 From Addendum #2, Item 2.14 – this takes precedence over backing, blocking, stud spacing etc. called up in other specification sections and on drawings.
 - .2 From Addendum #2, Item 2.14.2.1.1.1 – Revise ‘Non-rated Partitions: studs fabricated from minimum 33mil, 0.836mm thick material’.

SPECIFICATIONS

- 5.2 **REFER TO SECTION 01 31 13 – PROJECT COORDINATION**
- .1 1.02.4.6 – Add ‘Freezers and fridges will be emptied and packed by the tenant.’
 - .2 1.03.2.1 – Add ‘Relocation to local surplus warehouse will be completed by the Departmental Representative.
 - .3 General Items:
 - .1 Hook up of relocated equipment such as AV equipment is not part of the scope of the contract.
 - .2 For Tenant A and B, only furniture being relocated to Alvin Hamilton Building is part of the scope of the contract.
 - .3 For Tenant C, relocating back into space is part of the scope of the contract. Refer to phasing plans.
 - .4 Dotted lines in storage rooms etc. - dismantling and relocation of existing shelving as well as relocation of contents is required.
 - .5 Time frame for moving schedule will be developed by the General Contractor. Based on the phasing plan, moving for Phase 1A would be anticipated to begin in mid-February 2018.
- 5.3 **REFER TO SECTION 09 21 16 – GYPSUM BOARD ASSEMBLIES**
- .1 Item 2.4 Access Doors – these are part of the contract.
- 5.4 **REFER TO SECTION 09 53 00.01 – ACOUSTICAL SUSPENSION**
- .1 2.3.2.1.4 – Delete perimeter shadow moulding reveals, 10mm reveal.
- 5.5 **REFER TO SECTION 09 65 16 – RESILIENT SHEET FLOORING**
- .1 Revise 2.2 Materials

	<p>.1 Rubber sheet flooring: rated to heavy commercial use; meets or exceeds ASTM F1859 Type I specifications; comprised of linseed oil, pine tree rosin, wood flour or sawdust, ground limestone, and mineral based pigments (no heavy metals such as lead or cadmium permitted), which are mixed and calendared onto a woven jute backing, minimum 2.5 mm total thickness, FloorScore® Certified.</p> <p>.1 Class: Commercial 34 or higher usage rating.</p> <p>.2 Composition: Homogeneous vulcanized rubber compound.</p> <p>.3 Surface: smooth.</p> <p>.4 Back of Roll: Smooth, double-sanded back.</p> <p>.5 Colour and Pattern: 2 colours, as selected by Departmental Representative from manufacturer's full range.</p> <p>.6 Thickness: ≥ 2 mm thick.</p> <p>.7 Hardness: ASTM D2240, Shore type A, required ≥ 85.</p> <p>.8 Chemical resistance to ASTM F925: Passes.</p> <p>.9 Static coefficient of friction - ASTM D2047: > 0.6.</p> <p>.10 Static Load Limit - ASTM F970: Passes 250 PSI with less than 0.005 in. residual indentation.</p> <p>.11 Heat Stability by Color Change - ASTM F1514: $\Delta E < 8$.</p> <p>.12 Abrasion Resistance: Taber abrasion test, ASTM D3389, H 18 wheel, 500 gram load, 1000 cycles, gram weight loss ≤ 0.4.</p> <p>.13 Bacteria Resistance: Product shall be resistant to bacteria, fungi, and microorganism activity, according to ASTM E2180 and ASTM G21.</p> <p>.14 Slip Resistance, to DIN 51130: $\geq R9$.</p> <p>.15 Inherent Static Control: less than 2.0 Kilovolts at 21°C and 20% relative humidity.</p> <p>.16 Fire Response: meets Code requirements under the provisions of the UBAS Act; refer to Section 01 41 00 – Regulatory Requirements.</p>
	DRAWINGS
5.6	<p>REFER TO DRAWING D1.3 – DEMOLITION – BASEMENT AND MAIN FLOOR PLANS</p> <p>.1 Floor Plan 2 – West of Grid Ex5 and North of Grid ExG the note '3' that points to a greyed out existing wall is to point to the wall bump out that is shown in a dashed box adjacent it. This same bump out is to be removed on the same wall at the south end (south of Note 10).</p>
5.7	<p>REFER TO DRAWING D1.11 – DEMOLITION – SIXTH FLOOR PLANS</p> <p>.1 Floor Plan 2 – Revise demo note 51 in E601, E602 and E603 to be note 30.</p>
	STRUCTURAL
	SPECIFICATIONS
5.8	<p>REFER TO SECTION 03 01 30.71 – CONCRETE REPAIRS</p> <p>.1 3.6 PATCHING – Add .3 'For patching existing 25-50mm holes in the concrete floor, use a non-shrink patching material, clean and roughen the edges of the hole below placing.</p>

ELECTRICAL

DRAWINGS

5.9	<p>REFER TO DRAWING E1.9 – THIRD FLOOR PLAN – LIGHTING</p> <p>.1 Missing drawing notes 9 – 13 are as follows:</p> <ul style="list-style-type: none"> .1 Drawing note 9: Remove all existing sound mask speakers (emitters) located in existing lighting zones 1, 3, 7, 8 and 9. Existing emitters in the adjacent east tenant office area shall remain connected to the existing sound mask system controller (drawing note 8). All emitters being removed shall be salvage for reuse and installation in the other renovation areas (floors 4 – 10). Remove all abandoned cabling. .2 Drawing note 10: Existing lighting zones controlling the east tenant area shall remain controlled by the existing low voltage relay lighting control system. Existing lighting and lighting control shall be maintained during the construction period. .3 Drawing note 11: Existing lighting Zone 7 shall be abandoned. .4 Drawing note 12: 2-zone button control switch: Local zone control for Zone 8 only. .5 Drawing note 13: Occupancy sensors to operate in parallel to control normal power Zone 3 lighting in Shared Equipment 312 and Kitchenette 321 only.
5.10	<p>REFER TO DRAWING E4.1 – ACCESS CONTROL</p> <p>.1 Detail 1, Typical Door Wiring Diagram: Missing drawing note 4 should read: The electrical division shall be responsible for all conduit/box rough-in. Provide and pull cable as per the manufacturer's requirements. All terminations shall be completed by the supplier/installer of the existing Access Control System.</p>

CLARIFICATIONS – QUESTIONS & ANSWERS

Alvin Hamilton Building Restack, Regina, Saskatchewan (EV385-180231/A)

ITEM #	QUESTION	RESPONSE
1	<p>We have a few concerns on the Operable Panel Partitions Spec, 10 22 26.33:</p> <p>2.2.3 – STC of 49 is requested, would recommend a bump up to 50, this has become a standard for the majority of offices for both private and public sectors.</p>	Spec is to remain at STC 49. Submit bids in accordance with the specification.
2	<p>We have a few concerns on the Operable Panel Partitions Spec, 10 22 26.33:</p> <p>2.3.7 – Automatic Seals, highly recommend going the mechanical option if the desired STC is to be achieved and this option has a much lower maintenance requirement.</p>	Addressed via Addendum 2. See Addendum Wording, 2.17.1.
3	<p>We have a few concerns on the Operable Panel Partitions Spec, 10 22 26.33:</p> <p>2.3.6.3 – The Clear anodized is not a recommended option, should it get dinged or scuffed there is no easy/straightforward way to fix it, however, a powder coat of any colour is able to be touched up and mended over time with ease.</p>	Addressed via Addendum 2. See Addendum Wording, 2.17.2 and 2.17.3.

4	We have a few concerns on the Operable Panel Partitions Spec, 10 22 26.33: 2.6.8 – As mentioned above to obtain the desired STC the mechanical seal is needed, ideally a mechanical top and bottom seal to ensure a proper sound seal.	Addressed via Addendum 2. See Addendum Wording, 2.17.4.
5	Would you please issue the walk-thru sign-in sheet as part of the next addendum?	Issued via Amendment 002.
6	Would you please confirm the access times/days of the week that the loading dock area will be available for deliveries and removal of construction debris?	Addressed via Addendum 2. See Addendum Wording, 2.3.3.
7	As this is a LEED project, separate bins will be required for the various different types of materials removed. Is there a location on-site where these bins may be located?	There will not be a location designated on site. Contractor to provide and pay for location of bins. Addressed via Addendum 2. See Addendum Wording, 2.10.1.
8	Will the project have full-time access to an elevator?	Yes, see specification Section 01 11 00 1.05.6.
9	How many parking stalls (if any) will be provided to the general contractor to use during this project? Location?	Contractor to provide and pay for their own parking. See specification Section 01 52 00 1.05. Addressed via Addendum 2. See Addendum Wording, 2.8.1.
10	As we were not able to access each floor during the walk-thru, would you please provide floor to u/s deck height for each floor?	Addressed via Addendum 2. See Addendum Wording, 2.18.1.
11	Furniture moving companies have requested an additional walk-thru for them to have access to all spaces/swing spaces/off-site spaces. Will this be able to be scheduled?	A site visit was held on Thursday, June 22, 2017 at 15:00 (3pm) related to move services. See Amendment 002.
12	What does the EST abbreviation mean in the door finish schedule? I assume they are existing stained doors, but do they require any finishes? If so, I would recommend sanding and a single coat of Waterborne varnish.	Addressed via Addendum 2. See Addendum Wording, 2.21.1.
13	What are the VWC patterns and which walls are VWC-1 vs VWC-2? We cannot price the wall covering without pattern numbers and knowing how much of each pattern we will require.	Addressed via Addendum 2. See Addendum Wording, 2.15.1 and 2.15.2.
14	The mobile that is referenced in the tender is an existing TAB mobile system. The client requires that the mobile be removed from the existing location and reconfigured in the new space. The new configuration involves increasing the size of the system (addition of carriage, deck, track, & shelving). A successful redesign and addition requires parts specific to a TAB mobile system that are not compatible with another vendor. In order to remove and salvage the existing parts and maintain a warranty on the system the system would need to be removed by TAB.	Redesign and additional parts are not part of this contract. The relocation of the mobile system addressed via Addendum 1 and Addendum 2. See Addendum 1 Wording, 1.1.1. See Addendum 2 Wording, 2.4.1.

15	The parts must be installed by a current certified TAB installer in order to maintain the validity of any warranty associated.	Additional parts are not part of this contract.
16	The file move associated with the mobile reconfiguration must be: - Timed with the phased removal of the mobile so as to meet the move schedule and to limit interruption to daily work flow and access to critical information. - Performed in accordance with security measures required when moving federal government files.	The General Contractor is responsible for schedule and phasing of all work, including relocation of the mobile and moving. All personnel are required to have a Reliability Security Clearance as per the ITT, or to be supervised by a Commissionaire as per Specification 01 14 00 Work Restrictions, 1.06.5.
17	We are putting together a controls package for this project and had a question regarding Section 26 09 24, Part 3.2. The spec states that "Load control modules shall be mounted to the above ceiling junction boxes within the room the lighting is being controlled." Can this be done with a centralized controlled panel mounted in the electrical closet instead?	Submit bid in accordance with the specifications. The 347-volt system is to be wireless as per the requirements of Section 26 09 43 Network Lighting Controls.
18	We require the following question answered to provide an accurate quote for this tender. 1. Can we get the full specifications for the data/communications to be provided? All that was provided with tender documents was the specification for raceways under division 27.	Addressed via Addendum 3. See Addendum Wording, 3.24.1.
19	Are there any drawings related to the moving services?	There are final location drawings, no drawings of existing locations. Reference A6.1 to A6.7 in the tender package. Drawings of existing locations will not be provided.
20	Specifications for the sound masking system indicate that four channel sound masking generators are to be used, with a channel dedicated to each zone, as well as a control module for each channel needed. However, information on the amount and location of zones does not seem to be available on the prints. Can amount and location of zones required be provided?	Addressed via Addendum 3. See Addendum Wording, 3.25.
21	Can we get the information on the current sound masking system being used? We would need the following Number of generators, controllers, and zones currently in use. This will allow us to accurately price what is required for new equipment.	Submit bid in accordance with the specifications. The system is single zoned. Addendum have been issued with additional information.
22	Can we get a full break down on what is to be provided for the data in this bid?	Addressed via Addendum 3. See Addendum Wording, 3.24.1.
23	The drawings don't show what is required for number of data drops per workstation in the system furniture. Are we to pull the data for the furniture and can we get the number of drops?	Addressed via Addendum 3. See Addendum Wording, 3.24.1.

24	The new LED lighting is 0-10VDC dimming. How is the dimming per zone to be wired? Separate pipe grid with armoured cable drops or free air looped between lights in each zone with a plenum/ft4 rated cable?	Addressed via Addendum 3. See Addendum Wording, 3.21.1.
25	Spec section 01 35 29.06 states that there are some asbestos reports attached but yet there is nothing attached. Please specify.	Addressed via Addendum 2. See Addendum Wording, 2.7.1 and Specifications 01 35 29_06_01 and 01 35 29_06_02.
26	Is it possible to schedule a second non mandatory site walk thru at the Alvin Hamilton Building?	No additional site visits will be provided at this time.
27	Would this project qualify for any PST or GST tax exemption?	We can't offer specific advice regarding the applicability of any provincial tax. I can direct you to The General Instructions R2710T, GI04, Applicable Taxes (https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/R/R2710T/18#applicable-taxes).

28	The provided bid form states "total bid amount excluding applicable taxes". Can you please confirm with the new Saskatchewan PST legislation that both PST and GST are considered applicable taxes?	We can't offer specific advice regarding the applicability of any provincial tax. I can direct you to The General Instructions R2710T, GI04, Applicable Taxes (https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/R/R2710T/18#applicable-taxes).
29	Section 03 01 30.71 Concrete Repairs provides the specifications for self-levelling underlayment. Can you please provide a more detailed scope discipline with this item? Is the owner expecting all work areas to receive level coating prior to placing of floor finishes? If it is only the areas that have high/low spots or cracking can this be put into a cash allowance or unit price? It is very hard to quantify patching when we weren't allowed in all the places to be renovated at the site walk through.	Submit bid in accordance with the specification. We are not able to determine the scope at this time and will deal with this on an area by area basis via Change Order after contract award.
30	Our Norlab Chinook hood passes MD15128 and has already been accepted at other Government facilities. There are a few points that would require clarification in order for us to proceed; The specification for both hoods list fixed baffles but does not name the material to be used for the baffle or liner. Standard construction is FRP. We can also offer Trespa Toplab or Stainless Steel. Based off usage I would recommend Trespa Toplab Vertical. It has the highest solvent and acid resistance.	Addressed via Addendum 3. See Addendum Wording, 3.20.
31	FH-1 requires a 1524 acid cabinet while FH-2 requires a 1524 Solvent. These cabinets are not available in this size, and would have to be two cabinets combined to meet the widths required (2 at 30" under each hood)	Addressed via addendum 3. See Addendum Wording, 3.20.
32	We would require clarification on the fume hood Integration (3.2 from fume hood spec) and if additional parts are required.	Refer to spec section 23 38 16.13 Fume Hoods (For Laboratories) and M5.2 Mechanical Equipment Schedule in original tender documents.
33	We would require qualification on Field Quality control tests 23 05 93.13 and if field testing is required.	Refer to spec section 23 38 16.13 Fume Hoods (For Laboratories) and M5.2 Mechanical Equipment Schedule in original tender documents.
34	Millwork cabinets – will any colours be determined for the MCP1 (cabinet interior) as well as the plastic laminates for cabinet exteriors and counter tops prior to closing?	Plastic laminate colors will be determined after contract award.
35	Regarding the solid core wood door specifications, most door manufactures do not manufacture a stave core (wood block core) anymore. The set matched doors cannot be done when using re-located doors. The	Addressed via Addendum 4. See Addendum Wording, 4.4.

	suppliers will supply set matched doors for the 610mm paired closet doors and the barn doors.	
36	Can you please clarify the schedule for me? The tender form notes an 82 week duration. When I take a 30 day award period from tender close plus the 82 weeks I come out to a final completion date of roughly March 15, 2019. However the phasing documents note Phase 3 runs until June, 2019 (this is about 97 weeks). Please clarify if we are to use June, 2019 as our completion date and work back 82 weeks to come up with our mobilization date on site?	Amendment 004 posted to Buy and Sell changing the Construction Time to 95 weeks. The site is available for the contractor to mobilize immediately following contract award. Construction can begin immediately.
37	The lab exhaust fan calls up a VFD suitable for outdoor environment. I can't seem to find the location of this VFD so not too sure whether this is directly mounted outdoors or whether could be mounted inside waterproof/weatherproof casing with heaters? Will this VFD have to be suitable for operation in -40oC?	Addressed via Addendum 3. See Addendum Wording, 3.20.
38	I just a few things noticed on the plans. E1.9 – Missing Notes, please clarify E4.1 Detail 1 – Missing Notes, please clarify	E4.1 Detail 1 - Addressed via Addendum 4. See Addendum Wording, 4.23.1. E1.9 - Addressed via Addendum 5. See Addendum Wording, 5.9.1.
39	Will there be any other means of loading material into the tower portion, other than the stairs or Elevator #3 which is only approx. 6'x5'x7'?	Submit your bid in accordance with the specifications and addendum.
40	The backing/blocking is called up in both 06 10 00 (wood) as well as 09 21 16 (steel). Further to that, Addendum #2 notes steel flat stock, but millwork drawings generally show solid wood. Please clarify.	Addressed via Addendum 5. See Addendum Wording, 5.1.1.
41	Reference 09 21 16 – item 2.4.1 - Are access doors supplied by others?	Addressed via Addendum 5. See Addendum Wording, 5.3.1.
42	Reference Addendum #3 – Item 2.14 indicates minimum design thickness of 0.607mm for all non-rated partition studs. This thickness falls in between standard 18 mil (25 gauge) and 33 mil (20 gauge). Please confirm if intent is to use minimum 33 mil (20 gauge) studs in non-rated partitions or if 18 mil (25 gauge) will be acceptable?	Addressed via Addendum 5. See Addendum Wording, 5.1.2.
43	Reference Addendum #2 – Item 2.14 indicates 300 o/c stud spacing for fire rated and washroom partitions, however the partition legend on the plans has not been changed and shows 400 o/c spacing. Please clarify.	Addressed via Addendum 5. See Addendum Wording, 5.1.1.

44	Reference Addendum #2 – Item 2.14 also indicates 300 o/c stud spacing for all partitions with wall mounted millwork, washroom accessories, storage shelving, furniture, and equipment. Again, the partition legend on the plans shows 400 o/c spacing. Please clarify. It is also indicated that the studs in these walls are to be 1.519mm design thickness. Is this applicable to all partitions with any required backing/blocking?	Addressed via Addendum 5. See Addendum Wording, 5.1.1.
45	Reference 09 53 00.01 – Item 2.3.2.1.4 - Is the shadow mould c/w 10mm reveal typical at all perimeter ACT locations at junction to walls?	Addressed via Addendum 5. See Addendum Wording, 5.4.1.
46	Drawing D1.3 plan 2 the right side of room E180 there is a note 3 that is pointing to a grey (existing) wall but the note states to remove the wall. Is it staying or going?	Addressed via Addendum 5. See Addendum Wording, 5.5.1.
47	Drawing D1.11 plan 2. In the lobby area there is a note 51 to remove wood frame ramp. Is there wood framed ramps on the ceiling of the sixth floor?? Or should this note be changed?	Addressed via Addendum 5. See Addendum Wording, 5.6.1.
48	In the specification manual there is FRP panels specified – 10 26 23.16. I have looked in the room finish schedule and elevation drawings and cannot find any FRP panels required in this project. Where are they required?	FRP panels are noted in the room finish schedule (as FRP). They are also shown and noted on the enlarged floor plans as well as interior elevations as Fibre reinforced panel. It also shows up in plan details.
49	A6.1 – Equipment Legend Note. Will items like the freezer and fridge be empty and ready for moving by the owner/tenant or are we to empty and relocate contents?	Addressed via Addendum 5. See Addendum Wording, 5.2.1.
50	S1.3 section 6. Is there grout required under the 4 support columns?? None is mentioned.	Grout is not required.
51	M1.2 plan 2. There is mention of the general contractor to patch the floor. Can you please confirm what this patch detail is to look like? I assume these are round holes in the slab, but just filling a hole with concrete is no guarantee it won't fall out eventually.	Addressed via Addendum 5. See Addendum Wording, 5.7.1.
52	In the specification it asks for 4 weeks to allow department to remove garbage and pack up items to be not used in the new work and moved to a local surplus storage facility. Where is this local surplus facility?	Addressed via Addendum 5. See Addendum Wording, 5.2.2.
53	We are to move contents as shown on the floor plan, however what about hook ups electrical? For audio visual etc?	Addressed via Addendum 5. See Addendum Wording, 5.2.3.1.
54	Some contractors are telling us that the existing furniture in tenant A and B will have to be removed is this part of this tender to remove existing furniture?	Addressed via Addendum 5. See Addendum Wording, 5.2.3.2.

55	It looks like tenant C will be relocating initially by themselves, will be relocating them back as part of this tender?	Addressed via Addendum 5. See Addendum Wording, 5.2.3.3.
56	I am seeing dotted lines in some storage areas, which means new equipment, will we be required to dismantle old shelving or just move the contents?	Addressed via Addendum 5. See Addendum Wording, 5.2.3.4.
57	Is there a time frame for the movers? When would you think work may commence?	Addressed via Addendum 5. See Addendum Wording, 5.2.3.5.
58	Is there a cost we need to carry regarding as-builts in the form of auto-cad drawings as specified on Section 26 05 01 1.21 page 6 of 6? If so, how much will the consultant charge for it?	This was previously addressed in Addendum 1. See Addendum Wording, Electrical, Specification, Section 26 05 01, .1, .2.1 and .2.2.