

## Addendum / Addenda

Project Description / Description de projet <b>M58 Construction Ground Floor SW</b>		
Solicitation No./N° de sollicitation <b>15-22162</b>	Project No./N° de projet <b>5083</b>	W.O. No./N° d'ordre de travail <b>A1-006947-04-01</b>
Departmental Representative / représentant ministériel <b>Mark O'Connor</b>		Date <b>January 13, 2016</b>
<b>Notice:</b> This addendum shall form part of the tender documents and all conditions shall apply and be read in conjunction with the original plans and specifications.		<b>Nota:</b> Cet addenda fait partie intégrale des dossiers d'appel; toutes les conditions énoncées doivent être lues et appliquées en conjonction avec les plans et les devis originaux.

- 1 An electric hinge is required for double doors that have an electric strike. Model: Vonduprin Tube Hinge.
- 2 Existing door frames are embedded in concrete slab floor. Patch any holes that result from their removal as part of floor prep, prior to new floor installation.
- 3 Included with this addendum are the attendance sheets from both job showings.
- 4 Re-instate fire-rated wall between new room SG-04 and IT/Elec closet. The top 12" of wall had to be removed as part of asbestos abatement. Construct as wall type W-7.
- 5 Contractor is responsible to patch and repair any damage caused to plaster walls as a result of window removal.
- 6 On drawing A04, note 29, allow for concrete infill of 90 holes. Change reference of 65 holes anywhere on the drawings to 90 holes.
- 7 Noted above is the infill of 90 holes in the floor. The holes are from existing floor mounted receptacles and data jacks. The conduit and wire are still in place on the ceiling of the basement. This was shown at both job showings. Remove all wire and conduit back to their source in the IT/Elec closet next to new room SG04.

- 8** Mechanical contractor is to provide support grid for mechanical and electrical equipment at underside of ceiling steel structure. Refer to detail 3/A06 for typical section detail. Grid to be constructed of 41mm x 41mm (1-5/8"x1-5/8"), 12 gauge formed steel channels with hot galvanized finish, supported by 13mm (1/2") diameter threaded rod, with 2 flat washers and hex nut. Refer to mechanical specifications for attachment requirements to structural steel. Do not drill holes in structural steel. Grid shall be run under each existing building structural joist and be supported every 1220mm (4ft) for total lengths of 6096mm (20ft) on each side of central beam. Provide cross member supports of same material approximately every 1220mm (4ft), coordinate with mechanical and electrical equipment. All cut ends shall be ground smooth to remove any burrs or metal splinters, remove burrs from drilled holes for threaded rod. Acceptable Material: UniStrut model P1000HG or approved equivalent, hardware (washers and hex nut) shall be stainless steel. In addition to the above noted support, the contractor is to have a seismic engineer design seismic
- 9** Contractor to remove existing galvanized sanitary piping and vent piping (for floor drain, washroom sinks and janitor's sink located near mechanical shaft) above and replace with new cast iron for sanitary piping and copper for vent piping as per specifications. Connections between remaining galvanized piping and new cast iron piping shall be mechanical as per specifications. Provide di-electric couplings for connections between copper and galvanized vent piping. Contractor is responsible for site verifications of piping sizes and locations. Existing hangers on piping shall be replaced to provide proper hangers for new piping (copper for copper, stainless steel with isolation for cast iron). Approximate total length of 76mm (3") diameter sanitary run-12.2m (40ft) c/w 3 clean outs, 50mm (2") diameter sanitary line 9.1m (30ft), three (3) 38mm (1-1/2") diameter sanitary lines (total of all lengths 1.8m (6ft)).
- 10** Ensure installation of lighting and any other equipment does not interfere with operation of both loading dock doors. Coordinate with NRC Departmental Representative on site.
- 11** Voice/Data wiring is to be installed by electrical contractor as part of this contract. On 1/E03, at each location noted by the data/voice outlet symbol, install 3 category 6 cables terminated with RJ45 wall jacks and faceplate. Run cables back to middle of IT/Elec closet next too new room SG04 and leave 4m spare wire. Install wiring according to most recent edition of EIA/TIA-568 standard. Terminate wire at both ends to allow for testing and provide test reports (showing each cable meets the standard) to NRC Departmental Representative
- 12** 1/E05 shows numerous light fixtures noted for demolition. The majority of these lights have already been removed. Allow for removal of 10 lights as part of this contract. These remaining lights are fed from panel EL1 in room SB20. Remove remaining conduit and wire for these lights, back to this panel.
- 13** 1/E05 shows numerous receptacles noted for demolition. The majority of these receptacles are floor mounted and have already been cut, but wire and conduit removal still required. Allow for the removal of 20 wall mounted receptacles within the renovation space along with boxes, conduit and wire back to source. Patch and paint wall openings where wall boxes were.
- 14** Provide surface raceway under the window in room SG04 to the same standards as other surface raceway within this project. Provide two dedicated 5-20R receptacles circuited from L34 and one voice/data outlet w/3 category 6
- 15** Add one fire alarm bell, matching the existing model, located on the column at the intersection of gridlines T2 & 17. Tie into existing bell circuit.
- 16** On drawing 5083-E04, panel schedule for panel L34, 5-20R receptacles are not required for circuits 5, 7, 9 & 28.



- 17** Provide 2 #12 +GND wire in 16mm EMT for circuit L35-68 (sliding door operator).
- 18** Mount the surface raceway at the shipping workstation located on gridline 19 between X2 & Z2 above the millwork. Refer to detail 1/A11.
- 19** In room SG06 provide three 5-20R duplex receptacles flush with ceiling tiles, spaced evenly along centerline of room. Avoid lighting and mechanical equipment. Each receptacle is to have a dedicated circuit from panel L34. Use #12 wire in 16mm EMT.
- 20** The following are acceptable alternates for the light fixtures:  
Type A: peerless LACH3-24G-48-40K-19-MV-D10  
Type B: peerless LACH3-24G-40-35K-12F-MV-D10  
Type C: peerless LACH3-22G-46-40K-19-MV-D10  
Type D: peerless NSL-4-40-40K-RA-WH-MV-D10
- 21** NRC can provide the DSR for this space to the winning bidder however it will no longer be relevant as all designated substances are currently being removed from the space. Clearance certificate will be provided to successful contractor.
- 22** NRC does not require building permits for their construction projects.
- 23** Lister Lock has the standing offer for the supply and keying of cylinders. Contractor to carry all related costs.
- 24** All furniture shown on drawings and specifications are to be provided by contractor unless otherwise noted. Refer to notes 1-3 on drawing 5083-A05 and specifications section 12 50 00.
- 25** Note 8 on drawing 5083-A05 refers only the loading area SG09, ending at gridline U2.
- 26** Clarification of note 1 on drawing 5083-A05. Contractor is to salvage 10 windows sills during demolition. New window sills are required throughout, do not reuse existing.
- 27** On drawing 5083-A05, the kitchen millwork bubble should refer to 1/A10, not 1/A08.
- 28** Delete note 10 on drawing 5083-A04. Roller blinds are required on all windows. This does not relieve the contractor of the requirement for window film in SG02a & SG11.
- 29** Airtron is the standing offer contractor for controls. Contract Aaron Dobson at 613-247-7938.
- 30** Washroom paper towel and toilet paper dispensers shall be provided by and installed by NRC. Sanitary Receptacle (ASI- Roval Model 20826) and mirror (Frost Code 941-1830) to be provided by contractor.
- 31** Regarding window replacement, contractor is to meet construction schedule and meet all requirements of section 00 10 00 of the specifications with regards to site security and temporary heating.

**32** The following are acceptable alternates:

Alumanvent 5100 Series- Fire Damper Alternate  
Ventex 1900 Series- Back Draft Dampers  
Krueger RM2 4 cone- Round diffuser  
Krueger 6400 Series- Square Perforated Diffuser  
Krueger 980 Series- Single Deflection Grille  
Krueger 9880 Series- Double Deflection Grille  
Krueger EGC5 Series- "Egg-Crate" Grille

**33** All type W-1, W-1A, W-2, W-3A,W-6 windows are to be per typical note # 25 with one roller blind assembly for each glass section.

**34** Windows at Stair A are Type 5. Window Type 4 are over each of the overhead garage doors which do not require roller blinds.

**35** Roller blinds in rooms SG-04, SG-05 and SG-06 are to be "dual" shade system with blackout shading.

**36** Included as part of this Addendum #3 is KWC Architects Inc. Addendum No. 01, attached.

End of Addendum



## Mandatory Site Visit Attendance


Project Description / Description de projet M58 Construction Ground Floor SW		Closing Date January 20, 2016		Closing time 2:00 PM	
Solicitation No./N° de sollicitation 15-22162		Project No./No de projet 5083		Showing Time 9:00 AM	
Departmental Representative / représentant Mark O'Connor		Signature 		1st Showing January 7, 2016	
		Alternate deadline January 11, 2016		2nd Showing January 8, 2016	
		Question Deadline January 13, 2016			
















COMPANY	NAME	SIGNATURE	PHONE	FAX	EMAIL
L'APPRENTI BUIVIERS LTD.	MARC SÉGUIN		613-830-7790	613-830-2710	carolyn@l'apprenti.com
Type Construction Inc.	Jennifer Thompson		613-583-4130	613-583-8806	jennifer@typeconstruction.com
Troffier Const.	Damien Whissell		613-745-8688	613-745-9647	Bids@troffier.ca
Mechanic Const.	Alex Aghegayan		613-777-7717	613-777-6699	alex@mechanic.ca
SEL Electric	Robert Levasque		613-980-3359	613-744-5552	rlevasque@selectricinc.com
DEMAREE CONSTRUCTION	DAVE TURSMAN		613-407-6175		tom@demareeconstruction.com
LAURIN & COMPANY	ALLEN XU		613-723-3093x188	613-723-7496	allen.xu@laurin.ca
AMTECH	GILL CHEN (MGM)		413-299-1537		WITCHER@AMTECH.CA
GM Perisic	Margaret Perisic		613-523-2046	613-522-6088	
WLT Interiors	Agma J. Perisic		417-6900		WLT Interiors (Agma).com
Accumate Const	WILSON		22333236	726 0844	wilson@brodfordconstruction.ca
JVD Charlebois	MOEIN		613-2618223		Moein@jvdcharlebois.com
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<del>MECANIQUE PEI</del>	A.				
A of A Reconstruct	ed knott is		613-222-0649		

END OF SHOWING #1



## Mandatory Site Visit Attendance

Project Description / Description de projet <b>M58 Construction Ground Floor SW</b>		Closing Date <b>January 20, 2016</b>		Closing time <b>2:00 PM</b>	
Solicitation No./N° de sollicitation <b>15-22162</b>		Project No./No de projet <b>5083</b>		1st Showing <b>January 7, 2016</b>	
Departmental Representative / représentant <b>Mark O'Connor</b>		Signature 		2nd Showing <b>January 8, 2016</b>	
Alternative deadline <b>January 11, 2016</b>		Question Deadline <b>January 13, 2016</b>		Showing Time <b>9:00 AM</b>	

COMPANY	NAME	SIGNATURE	PHONE	FAX	EMAIL
THE FIA GROUP	Tony Pmentel		613-858-2845		tony@fia-group.ca
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Grabeck Construction	Randa Sharland		613-591-9100		hobie@grabeck.com
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DAOST CONSULTING	MARIO BEAUCO		613-590-1694		Bio@DC.ca
END OF SHOWING 2					

PROJECT NAME: M-58 Renovations, Ground Floor, South Wing (15-22162)

DATE: January 11, 2016.

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

## **SPECIFICATIONS;**

### **1. Refer to 08 80 00 –Glazing**

- .1 Revise item 2.1.(.3) to read “ Fire Rated Glass: glass ceramic, 8mm or 13mm thick. Acceptable product “FireLite Plus or SuperLite II-XL 45.”

## **DRAWINGS;**

### **1. Reference drawing 5083-A01 -detail 1 and 5083-A03 –detail 2.**

- .1 **Clarification:** at detail 2/A03 the note “REMOVE EXISTING +/-152x75 WOOD BLOCKING AND PLASTER CEILING FINISH” this applies to part of wall along grid 19 between grids V2 / Z2.

### **2. Reference drawing 5083-A01 -detail 1**

- .1 **At drawing note references located at Lobby RM.03C on the drawing detail:** revise number reference from 17 and 19 to 16 and 18.
- .2 **At drawing note references located between grids 17/19 and P2/Q2, on the drawing detail:** delete note 15 reference entirely, only note 14 applies.
- .3 **At drawing note references located along grid 15, just below grid T2 on the drawing detail:** revise number references from 18 to 17 and from 16 to 15.

### **3. Reference drawing 5083-A02, detail 2**

- .1 **Revise** note to read “REMOVE EXISTING PLASTER, EXPANDED METAL LATH AND WOOD STUD FRAMING BACK UP WALL SYSTEM”.

### **4. Reference drawing 5083-A07**

- .1 **At Detail 1, Revise** note to read “EXISTING PLASTER ON TERRACOTTA BLOCK, NEW PAINT FINISH. PROVIDE NEW PAINTED 13MM GYPSUM BOARD ON 22MM METAL FURRING TO EXISTING UNFINISHED PORTION OF TERRACOTTA BLOCK THAT EXTENDS FROM CEILING HEIGHT (APPROXIMATELY) TO UNDERSIDE OF EXISTING STEEL. PROVIDE ‘J’ TRIM AT NEW GYPSUM BOARD EDGES. THIS APPLIES TO ALL THREE SIDES OF COLUMN”.
- .2 **At Detail 3, Add** the following; “EXTEND NEW GYPSUM BOARD ENCLOSURE TO UNDERSIDE OF EXISTING STEEL BEAMS ABOVE. “

PROJECT NAME: M-58 Renovations, Ground Floor, South Wing (15-22162)

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**5. Reference drawing 5083-A12, detail 3/A12**

- .1 **Delete Drawing Note;** “TEMPERED GLASS” and replace with “IMPACT RATED FIRE RATED GLASS”
- .2 **ADD Note;** “16mm x 16mm GLASS STOP”

**END OF KWC ADDENDUM no. 01**