

# Addendum/Addenda

No./N°

01

Project Description / Description de projet		
M-55, Part Third Floor Renovation		
Solicitation No./ N° de sollicitation	Project No./N° de projet	W.O. No./N° d'ordre de travail
15-22188	M55-5130	A1-006431
Departmental Representative / Représentant Ministériel	Date	
Mark O'Connor	March 14 <sup>th</sup> , 2016	
<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 d'offres; toutes les conditions énoncées doivent être lues et appliquées en conjonction avec les plans et les devis originaux.	

## 1 GENERAL

- .1 Job Showing attendance sheet is attached.
- .2 DSR Report attached.

## 2 INTRODUCTORY INFORMATION

### .1 TABLE OF CONTENTS

- .1 Amend the Table of Contents as follows;

<b>Division 26 – ELECTRICAL</b>	Pages
Section 26 05 00 - Common Work Results - Electrical	5
Section 26 05 21 - Wires and Cables (0-1000V)	2
Section 26 05 22 - Connectors and Terminations	2
Section 26 05 32 - Outlet Boxes, Conduit Boxes and Fittings	2
Section 26 05 33 - Raceways for Electrical Systems	2
Section 26 24 01 - Service Equipment	2
Section 26 27 26 - Wiring Devices	4
Section 26 30 00 – Sound Masking	3
Section 26 50 00 - Lighting	4.



### 3 ARCHITECTURAL

#### .1 DRAWINGS:

##### **.1 SHEET NO. 5130-A03 CONSTRUCTION FLOOR PLAN**

- .1 Plan Detail Indicator 4/A05 should read 2/A05,
- .2 Plan Detail Indicator 5/A05 should read 3/A05,
- .3 Plan Detail Indicator 3/A06 should read 2/A05.

##### **.2 SHEET NO. 5130-A06 DOOR AND FRAME ELEVATIONS, DOOR AND FRAME SCHEDULE**

- .1 Door Frame And Hardware Schedule,
  - .1 Door Schedule has two offices with the same room number (332), change one to Room 333.
  - .2 Door schedule indicates that Office 333 has PS Window Section, Frame F5, change Room number to 332

##### **.3 SHEET NO. 5130-A08 FINISHES FLOOR PLAN**

- .1 FINISH SCHEDULE,
  - .1 Quiet Room 329, flooring material to be Carpet Tile.

##### **.4 SHEET NO. 5130-A09 FURNITURE PLAN**

- .1 Detail 1/A09,
  - .1 OCA 347, indicates qty x 3 chairs, type # 8 Stacking Stool, should indicate qty x 2.
  - .2 Cabinets "Not In Contract"
    - .1 Between cubicles N324 and N325,
    - .2 North of Reception 331.

##### **.5 SHEET NO. 5130-A10 PANEL HUNG FURNITURE AND FURNITURE DETAILS:**

- .1 Details 1, 2 and 3/A10, replace with drawing 5130-SK01 ADD#01, Details 1, 2 and 3/SK01.

#### .2 SPECIFICATIONS:

##### **.1 SECTION 08 11 13-HOLLOW STEEL DOORS AND FRAMES**

- .1 2.1.1.1 replace original section with:
  - 2.1.1.1 Flat sheet: face and back skins to be 18(1.0mm)gauge thickness.

##### **.2 SECTION 10 22 26 –OPERABLE ACOUSTIC PARTITIONS**

- .1 Amend sub-paragraph 2.1.1 and the following:
  - “.2 Moderco 742 Series is an approved equal and must meet the sub-sections PANEL CONSTRUCTION, PANEL FINISHES, SOUND SEALS, SUSPENSION SYSTEM, OPTIONS AND ACCESSORIES/OPTIONS.

#### .3 QUESTIONS:

- .1 Question: Please confirm that Groupe Lacasse is an acceptable alternate for the enclosed offices.  
**ANSWER: Group Lacasse is not an acceptable alternate for the enclosed offices.**  
**Reason: One common furniture manufacture for all the office/cubicle furniture.**
- .2 Question: Is it possible to get more precise contact information to contact the "Furniture" and "Panel Hung Component System Furniture" manufactures specified in the specifications?  
**ANSWER: No, NRC doesn't recommend any supplier/installer.**
- .3 Question: Could you please confirm location of corner guards specified.  
**ANSWER: Refer to drawing sheet 5130-A05, details 2 and 3/A05.**
- .4 Question: There is a note on the drawing to provide shades in room OCA340 and OCA 334, but there are no interior elevations to show height. Please advise.  
**ANSWER: New blinds are to match existing size, inside frame mounted.**  
**GC to verify sizes on site, for estimation purposes assume blind sizes are:**  
**OCA 340, 915W x 1115H, 1190W x 1115H, 1120W x 1115H**  
**OCA 344, QTY 2 @ 915W x 2330H, AND QTY 2 @ 1190W x 2330H**

## 4. ELECTRICAL

### .1 DRAWINGS:

#### **.1 SHEET NO. 5130-E05 ELECTRICAL DEMOLITION LAYOUT**

- .1 Replace Note #9 with 'DISCONNECT AND REMOVE EXISTING PANEL C/W METAL CHASE. LEAVE CABLE IN PLACE FOR RECONNECTION TO NEW PANEL. PANEL 'PP1' AND 'PP5' ARE IN NEW LOCATIONS. EXTEND FEEDER TO SUIT.'

### .2 SPECIFICATIONS:

#### **.1 SECTION 26 30 00 – Sound Masking**

- .1 Add attached section to contract documents.

## 5. MECHANICAL


### .1 DRAWINGS:


















#### **.1 SHEET NO. 5130-M02 CONSTRUCTION PLAN MECHANICAL – PART 2<sup>nd</sup> FLOOR PLUMBING**

- .1 Add note: Work in Room 263D to be completed after working hours.

END

## Mandatory Site Visit Attendance

Project Description / Description de projet M55 3rd Floor Renovation		Project No./No de projet 5130		Closing Date March 24, 2016		Closing time 2:00 PM	
Solicitation No./N° de sollicitation 15-22188		Signature 		Alternate deadline March 15, 2016		Question Deadline March 17, 2016	
Departmental Representative / représentant Mark O'Connor		1st Showing March 8, 2016		2nd Showing March 10, 2016		Showing Time 9:00 AM	


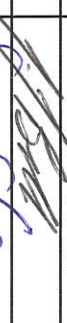







COMPANY	NAME	SIGNATURE	PHONE	FAX	EMAIL
B. D. SYSTEME INTERIEUR	ROSALIE BÉLUBÉ		819-771-4298	819-827-8807	BDSI@urbator.com
SJR mechanical	Edwin Weber		613-299 4121		edwin.weber@sjrmech.com
Delson-Aim	Melissa Landrette		613-295-7528		mlanovette@delson-aim.com
Delson Aim	Harsham Rajkumar		6131 913-6237		harsham@delson-aim.com
Pole Construction	Kyle Pelletier		613-222-4183		estimating@poleconstruction.com
F. Troffier Coast.	Damien Chissell		613-745-8688	613-745-9647	Bids@Troffier.ca
SRL Electric	Robert Lessard		613 880 3357		rl@sl-electric.com
AAVA Renovation	ed.		613-521 0614	613-521 3464	AA - Renovation et Louvres
Gm contracting	Joe		613-880-8832	613-526-0089	gm@gmcontracting.com
SYNLET CONTRACTING	MARC SEYMOUR		613-834-0709		synlet@synlet.com
PROEX CONSTRUCTION	A. DUBAND		819-776-7575 x22	819-776-7484	ADUBAND@proexconstruction.com
Partition Plus Const.	C DeMarinis		613-265-6571	613 838-3336	Corrado@partitionplus.ca
M&M INTERIEUR	Scott Dourlery		613-733-7507	613-524-2319	scott@dourlery.com
MBC	Nicholas Krueger		819-923-9272		nkr@mbc.ca
DESIGN	Dan Caser		613-224-7268	613-224-0579	dan@design.com
MACHON IMPRINTS TAYCO	Georgi Vachon		613 762 9900	613 822 4443	VACHON@imp@symparid.ca
CAVATSA PAINTS	Sam Sawyer		613 889 7132	613 783 7874	Sam@canadaPainting.ca

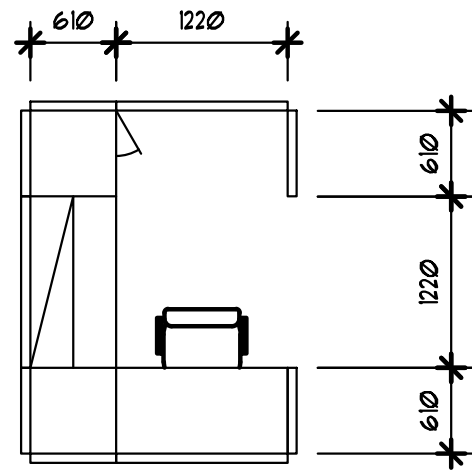
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Departmental Representative / représentant Mark O'Connor		Signature <i>on</i>		2nd Showing March 10, 2016		Showing Time 9:00 AM	

COMPANY	NAME	SIGNATURE	PHONE	FAX	EMAIL
NICOLINI CONSTRUCTION	PETER NICOLINI	<i>Peter Nicolini</i>	613 745 0006	613 745 8320	PETER@NICOLINI.CA
<del>END OF SHOWING # 1</del>					
REBELO CONSTRUCTION	Luis Rebelo	<i>Luis Rebelo</i>	613-808-2525	613-822-2888	Luis@rebeloconstruction.ca
S.P. Gravel Const.	Jack Spioit	<i>Jack Spioit</i>	613-749-1311	613-749-9860	estimating@spavaultconst.ca
FERNAN CONST	NAT FERNAN	<i>Nat Fernan</i>	613 523-7731	613 523 4323	nasid@fernno.ca
BD SYSTEM	Alexandre Carle	<i>Alexandre Carle</i>	619-923-3993		bdst@vibrotron.ca
Krista Construction	Martin Taylor	<i>Martin Taylor</i>	613 7455524		gooff@kristaconstruction.com
Terrax Construction	Sam Blas	<i>Sam Blas</i>	613-316-7237	613-509-1497	swear@terrxcorp.ca
Leg Construction	Charles Gauthier	<i>Charles Gauthier</i>	619-777-3962		Profab@bellnet.ca
Fia group	Rathin Chait	<i>Rathin Chait</i>	613 612-3181	619-663-5550	Tendons@fingroup.ca
GRUEBECK CORP.	Rhonda Steward	<i>Rhonda Steward</i>	613 571-9100	613 591-9109	hubie@gruebeck.ca
Paul Daoust Construction	Jean-Emmanuel Daoust	<i>Jean-Emmanuel Daoust</i>	613-299-4887	613 590-1695	Mario@je.ca
Toitures Raymond & Assoc.	Sebastien Marcier	<i>Sebastien Marcier</i>	613-809-0813		smarcier@raymondgeneral.ca
JO PACE CONST	ERIC CHAINE	<i>Eric Chaine</i>	613-608-3949		ERIAS@JOPECH.COM
Jume Construction	Christophe Desrivien	<i>Christophe Desrivien</i>	613-721-1145	607-721-9556	christopher@jume.com
FURNACE DR	Hugo Larouche	<i>Hugo Larouche</i>	613 397-2252		INFO@THEFURNACEDR.CA
DeFren.	N.F. Roussier	<i>N.F. Roussier</i>	619-360-3360	619-770-3989	cfhmatin@defren.ca

## Mandatory Site Visit Attendance

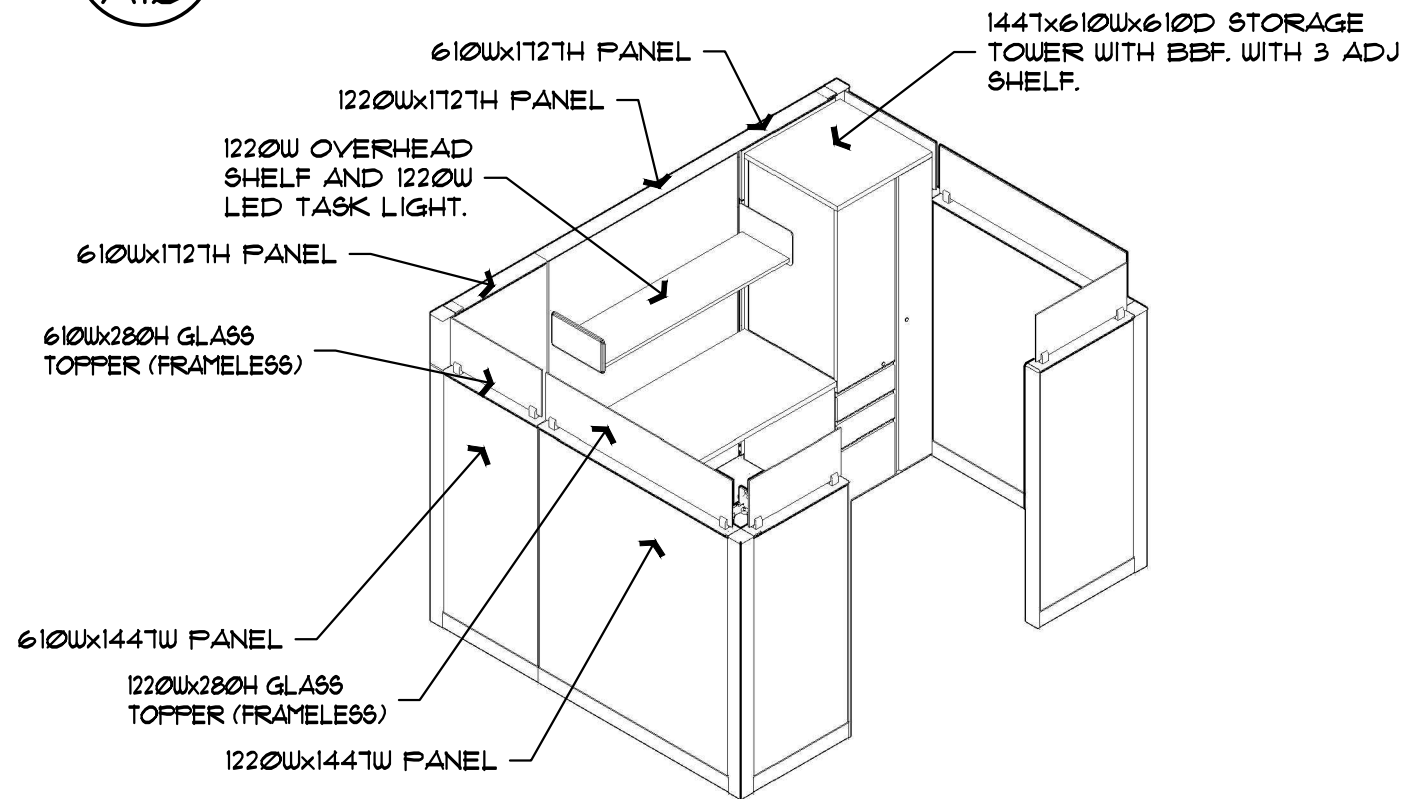
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M55 3rd Floor Renovation		5130		March 24, 2016		2:00 PM	
Solicitation No./N° de sollicitation		15-22188		1st Showing		March 8, 2016	
Departmental Representative / représentant		Signature		2nd Showing		March 10, 2016	
Mark O'Connor				March 15, 2016		Question Deadline	
				March 17, 2016			
COMPANY	NAME	SIGNATURE	PHONE	FAX	EMAIL		
Maxi Power	J-F Bergerin		613-403-6394	N/A	jf.maxipower@gmail.com		
Baudoin	Jennifer Cloutier		418-922-1022		jic@baudoincanada.com		
Baudoin	Louis-Philippe Durost		819-918-9444	819-595-3381	lpd@baudoincanada.com		
Grand + Toy	Morah Guest		613-853-1749		morahguest@grandandtoy.com		
Grand + Toy	Ron Powell		613-791-9481		ronpowell@grandandtoy.com		
DLs Const.	Alex Colzer		819-319-1890		alexandre@dlconst.com		
Estimotech	Marlin Maurice		815-228-3651	819-798-3652	Estimation@estimotech.ca		
AmTech Etc.	SERGE Fillion		613-722-4218	613-722-9370	SFillion@amtech.ca		



1  
A10

### TYPICAL WORKSTATION PLAN

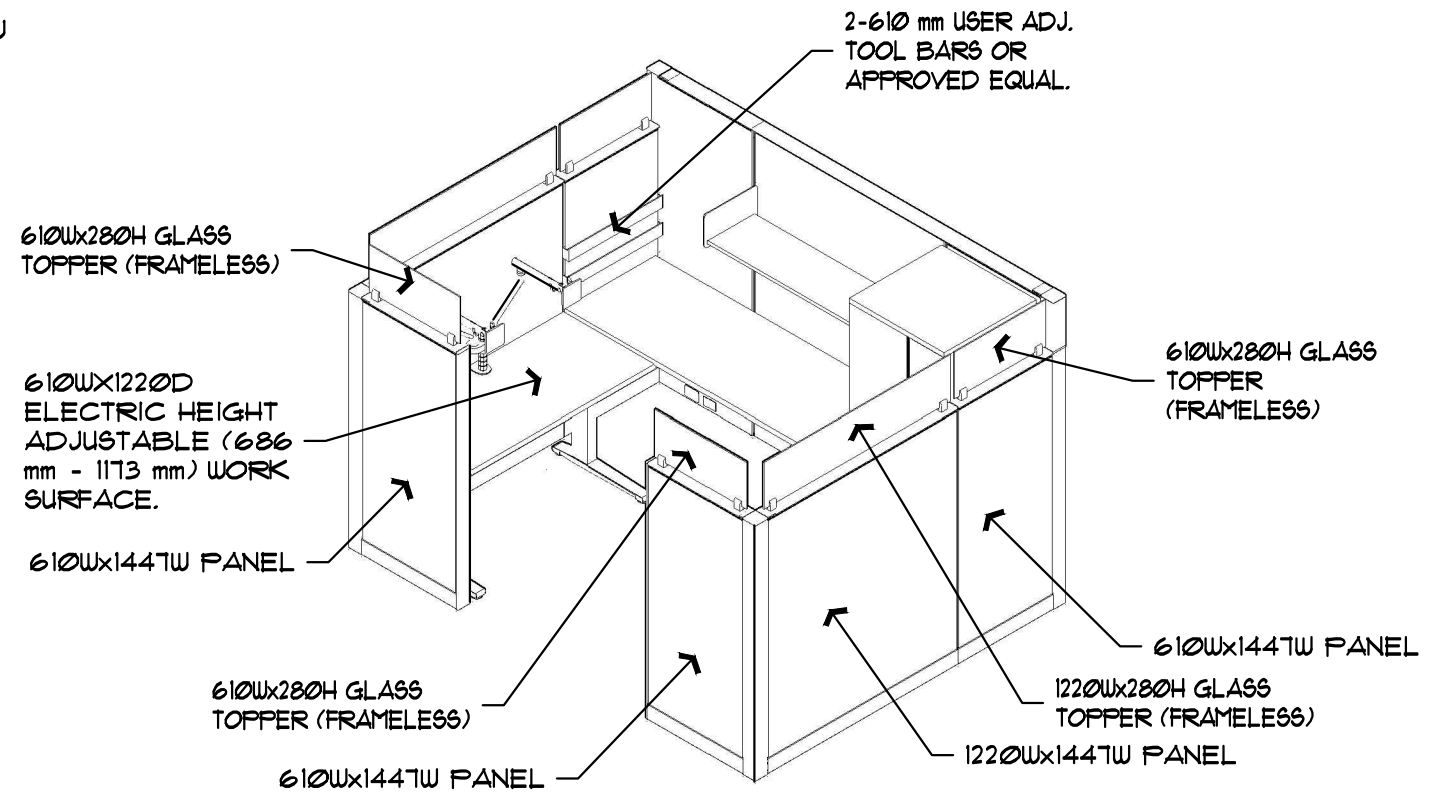
SCALE = NTS



2  
A10

### TYPICAL WORKSTATION ISOMETRIC

SCALE = NTS



3  
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### TYPICAL WORKSTATION ISOMETRIC

SCALE = NTS

ASPM 11x17

<p>National Research Council Canada Conseil national de recherches Canada</p> <p>Administrative Services and Property Management Branch Division des services administratifs et gestion de l'immobilier</p>	<p>project M-55, PART THIRD FLOOR RENOVATION. M-60 ITS MOVE TO M-55</p> <p>ADDENDUM # 01 MONTREAL ROAD CAMPUS</p>	<p>project drawing PANEL HUNG FURNITURE</p>	<p>desain designed desiné conçu approved approuvé</p>	<p>checked vérifié</p>	
	<p>date MARCH 2016</p>	<p>date scale as noted</p>	<p>échelle</p>	<p>W.O.no. D.T.no. sheet of/de feuille</p>	<p>desain no. 530-SK01 ADD#01</p>
	<p>desain designé conçu approved approuvé</p>				<p>checked vérifié</p>
	<p>W.O.no. D.T.no. sheet of/de feuille</p>				<p>desain no. 530-SK01 ADD#01</p>

**Part 1            General**

**1.1                RELATED WORK SPECIFIED ELSEWHERE**

- .1            Common Work Results - Electrical Section 26 05 00

**1.2                MATERIALS**

- .1            Provide only new equipment and materials, without blemish or defect, bearing Canadian Standards Association or Authorized Electrical Inspection Department labels, and subject to the approval of the NRC Departmental Representative.
- .2            After a contract is awarded, utilize alternative methods and/or materials only after receiving the NRC Departmental Representative's approval.

**1.3                SHOP DRAWINGS AND PRODUCT DATA**

- .1            Submit shop drawings and product data in accordance with Section 001000.

**Part 2            Products**

**2.1                SYSTEM PERFORMANCE**

- .1            Control unit with generators, equalizers and amplifiers.
- .2            Equalization in narrow bands (more precise than 1/3 octave equalization).
- .3            Speakers with individual volume adjustment. Maximum six speakers per zone to give an optimum adjustment and flexibility.
- .4            Optional paging and music function.
- .5            Configuration software.
- .6            Programmable ramp-up function.
- .7            Automatic calibration process.
- .8            Real-time adaptive volume control of the masking level. The system needs to measure the ambient noise and adjusts the masking sound accordingly. When the distracting noise increases, the masking sound also increases, and vice versa.
- .9            Standard of acceptance: Soft dB.

**2.2                CONTROLLER**

- .1            Each unit has 1 to 8 individual channels, each with a white noise generator and random octave equalizers.
- .2            Individual calibration and configuration for each channel.
- .3            One to eight input active controls for automatic adjustment area to maximize occupant comfort.
- .4            Two auxiliary inputs for playing music or for call system.



- .5 The unit is fully controllable via a wireless interface or a USB connection from a computer.

### **2.3 SOFTWARE**

- .1 Graphical interface for viewing, access and control of each speaker unit or project area directly on the plan of the premises.
- .2 Visualization on the map of control units, speakers, sensors and wiring.
- .3 Modification with a single click for any parameter.
- .4 Setup and calibration of sound masking system for each project unit or combination unit.
- .5 Equalize system of the masking spectrum for each channel system.
- .6 Equalization in thin strips for accuracy.
- .7 Volume adjustment function by area, in increments of 0.5dB.
- .8 Octave spectrum analyzer integrated to measure and verify the masking spectrum generated in the room.
- .9 NRC has full access to the software for configuration.

### **2.4 SPEAKER**

- .1 High-fidelity broad band speaker.
- .2 Each speaker is tested to ensure a flat frequency response.
- .3 Local adjustment level of masking at each speaker.
- .4 25V, 10W.
- .5 Sensitivity: 91dB.
- .6 Material: metal
- .7 Frequency response: 100-8000Hz.

### **2.5 SENSOR**

- .1 Measure the ambient noise in a zone. So the controller can adjust masking sound level based on this measurement.
- .2 Installed through a 9.5mm hole in acoustic tile.
- .3 Back electret type designed for high resistance to vibrations, high signal-to-noise ratio.
- .4 High sensitivity type.  $-35\pm 4$ dB.

- .5 Directivity: Omnidirectional.
- .6 Frequency range: 20-20000Hz.
- .7 Size: 3/8"Dx2-3/4"L.
- .8 3V, 0.5mA.
- .9 S/N ratio: more than 62dB.
- .10 Measurement range: 35 to 95 dB at 17mV/Pa.

**Part 3 Execution**

**3.1 INSTALLATION**

- .1 Supply and install all devices, cabling and necessary accessories to provide a complete working sound masking system.
- .2 Provide calibration and programming upon job completion.
- .3 Provide training upon job completion.

**3.2 Warranty**

- .1 5 year warranty for the whole system.

**END OF SECTION**