



Royal Canadian Gendarmerie royale
Mounted Police du Canada

RETURN BIDS TO :

RETOURNER LES SOUMISSIONS :

RCMP-GRC
Bid Receiving/Réception des sousmissions
Attention: Jordan McKenna
Mail Stop/Arrêt postal 15
73 chemin Leikin Drive,
Ottawa, ON K1A 0R2

AMENDMENT TO THE INVITATION TO TENDER

Royal Canadian Mounted Police

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services and construction listed herein and on any attached sheets at the price(s) set out therefore.

MODIFICATION À L'APPEL D'OFFRES

Gendarmerie royale du Canada

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments – Commentaries

Vendor/Firm Name and Address

Raison sociale et adresse du fournisseur/de l'entrepreneur

Telephone No. – No de téléphone:

()

Facsimile No. – No de télécopieur:

()

Title-Sujet Construction – Building A		
Solicitation No. – No. de l'invitation 201801002	Amend. – Modif. No. : 9	Date July 31 st , 2018
Client Reference No. - No. de Référence du Client 201801002		
GETS Reference No. – No de Référence du SEAG		
Solicitation Closes – L'invitation prend fin at – à 2:00 P.M. EDT on – Aug. 2nd, 2018.		
F.O.B. - F.A.B. Destination		
Address Enquiries to: - Adresser toute questions à : Jordan McKenna		
Telephone No. - No de telephone 613-843-5518	Fax: 613-825-0082	
Destination of Goods - Destinations des biens: See Herein		
Instructions : See Herein / Voir aux présentes		
Delivery Required – Livraison exigée: See Herein		
Name and Title of person authorized to sign on behalf of Vendor/Firm. Nom et titre de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur		

Amendment No. 9

Construction – Building A

SOLICITATION NO. : 201801002

Date: July 31st, 2018

THE FOLLOWING CHANGES IN THE TENDER DOCUMENTS ARE EFFECTIVE IMMEDIATELY.

- 1) This amendment is being raised in order to respond to questions.
- 2) This amendment is being raised in order to issue Addendum 2 and Addendum 3 below

QUESTIONS AND ANSWERS:

Q1: Reliable Controls System as an Alternative Supplier

A1: In the addenda A-02 we added clause to approve equivalent contractors section 25 05 01 paragraph 1.7.4
Equivalent control systems from alternate contractors to be reviewed at shop drawing phase.

Q2: Please confirm if the specification listed below is relevant to this tender. The drawings do not indicate that all ducts are to be lined but specification often overrules drawings. Section 23 33 53 Item 3.1.2 .2 Line inside of all supply, return and exhaust air ducts.

A2: Bid as per specification requirements.

Q3: Div 28. Fire Alarm Spec section 2.12.1 Strobe type: flashing rotating, re blue, 24v dc. Please clarify colour or is this a spec error? On the plans they call for Combination Horn/Strobe devices. Would it just be a typical combination red horn/strobe with a clear lense? Please confirm the candela settings for the strobes.

A3: Red horn & clear strobe with Candela power 175cd

Q4: Div 28. Fire Alarm Spec section 2.16 Remote Printer.
Is a remote printer required for this project? It is not shown on the plans.

A4: Remote printer NOT required.

Q5: Fire Alarm schematic on drawing E002 shows the following:

- Fire Extinguishing Control Panel.
 - Are there specifications on this panel? What is it for? Are we supplying it?
- Remote fire alarm monitoring at site guardhouse.
 - Is this ULC S561 remote monitoring equipment or is it a remote fire alarm annunciator for the guard house?

A5: Fire Extinguishing Control Panel (FECP): supplied by division 23/24. Fire Alarm Control Panel (FACP) interface for alarm/trouble notification from the FECP. Remote Fire Alarm Annunciator is

required for the Guard house to monitor & control Building A fire alarm/trouble status. (CIMA)

Q6: Can the quantity of sprinkler devices to monitor be provided? The mechanical drawing details only show valves and 1 flow switch. It does not show any of the pre action signals, low air etc.

A6: Reference to mechanical devices in Addendum 2

Q7: Who is responsible for covering the Hydro fees and Enbridge Gas fees and metering line.

A7: The Contractor

This addendum is an integral part of the tender documents and the contractor will have to indicate receipt of it in the tender form.

PART 1 ARCHITECTURAL SPECIFICATIONS

- .1 07 21 29.03 – Sprayed insulation - polyurethane foam
 - .1 Replace article 2.1 materials with:
 - .1 Insulation: medium density, spray applied polyurethane foam insulation to CAN / ULC S705.1.
 - .1 Acceptable Products: "HEATLOK SOYA" by Demilec, "JM Corbond III" Johns Manville, Walltite V.3 by BASF or equivalent approved by Architect.
 - .2 Sealing foam / mono-component adhesive polyurethane: to manufacturer's recommendations.
 - .3 Primers: to manufacturer's recommendations, taking into account condition of surfaces to be insulated.
- .2 07 42 43 -0 Composite Wall Panels
 - .1 Add article 2.1.5
 - .5 Thermal isolation clips: Horizontal Clip System: 38mm (1-1/2") wide, die cut aluminum extruded clip, adjustable to plumb structure, minimum 1.2mm (18 gauge) thick galvanized zinc-coated steel to ASTM A653, overmolded with a plastic isolator. System to provide compliance to ASHRAE 90.1 and thermally broken façade requirements of the building code.
 - .1 Adaptable horizontal framing members.
 - .2 Clip Depth: 75mm to 100mm, typically, as per model selected by the engineer of the composite metal wall panel system.
 - .3 Vertical Clip Spacing: as determined by the engineer of the composite metal wall panel system; typically 1041 mm (41 inches) for average wind loads.
 - .4 Basis of Design Products: EA RVRS TClip and Girt, Model T100 , or ISO Clip by Northern Façades Ltd.
- .3 07 46 13 – Preformed metal siding
 - .1 Replace article 2.1.1.1 with:
 - .1 Extruded Aluminum Siding and Soffits with Alluminate bonded film finish is extruded aluminum with integrated venting system.
 - .1 Panel size: 150mm (6")
 - .2 Panel type: V Groove.
 - .3 Acceptable Products: Light Fir - Longboard Wood Grain Aluminum Siding manufactured by Mayne Coatings Corp, Burma Teak Honey - manufactured by Dizal or equivalent approved by the architect.
- .4 08 90 00 – Louvres and vents.
 - .1 Add section 08 90 00 Louvres and vents.

- .5 09 68 13 – Tile Carpeting
 - .1 Delete article 2.1.1.1.1
 - .2 Replace article 2.3.1 with:
“Provide carpet tiles type ShadowFX Static dissipative-Carpet Tile type: The Vermont Collection, color: 105012-Woodstock, size 610mm x 610mm, or equivalent approved by Departmental Representative.”
 - .3 Delete article 2.4.3
 - .4 Delete article 2.4.5.2

PART 2 ARCHITECTURAL DRAWINGS

- .1 Drawing A301 – Wall sections
 - .1 Delete Soffit assemblies S2.

PART 3 MECHANICAL

3.1 ADDENDUM CIMA+ M01

- .1 Refer to attached CIMA+ mechanical addendum M02 dated July 25, 2017.

PART 4 ELECTRICAL

4.1 ADDENDUM CIMA+ E01

- .1 Refer to attached CIMA+ mechanical addendum E02 dated July 24, 2017.

End of the Addendum N° A-02

LOUVRES AND VENTS**PART 1 GENERAL****1.1 REFERENCES**

- .1 The Aluminum Association Inc. (AAI)
 - .1 AAI DAF-45-2003, Designation System for Aluminum Finishes - 9th Edition.
- .2 Air Movement and Control Association International (AMCA)
 - .1 AMCA 500-D-98, Laboratory Methods of Testing Dampers for Rating.
 - .2 AMCA 500-L-99, Laboratory Methods of Testing Louvers for Rating.
 - .3 AMCA 501-03, Application Manual for Air Louvers.
 - .4 AMCA 511-99(R2004), Certified Ratings Program for Air Control Devices.
- .3 American National Standards Institute (ANSI)
 - .1 ANSI H35.1/H35.1M-06, Alloy and Temper Designation Systems for Aluminum.
- .4 American Society for Testing and Materials International (ASTM)
 - .1 ASTM A167-99(2004), Standard Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip.
 - .2 ASTM A653/A653 M-05a, Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
 - .3 ASTM A1008/A1008M-05b, Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Solution Hardened and Bake Hardenable.
 - .4 ASTM B32-04, Standard Specification for Solder Metal.
 - .5 ASTM B209-04, Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate.
 - .6 ASTM B221-05a, Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
 - .7 ASTM B370-03, Standard Specification for Copper Sheet and Strip for Building Construction.
 - .8 ASTM D523-89(1999), Standard Test Method for Specular Gloss.
 - .9 ASTM D822-01, Standard Practice for Filtered Open-Flame Carbon-Arc Exposure of Paint and Related Coatings.
- .5 Canadian General Standards Board (CGSB)
 - .1 CAN/CGSB-1.213-2004, Etch Primer (Pretreatment Coating of Tie Coat) for Steel and Aluminum.
 - .2 CAN2-93.1-M85, Sheet Aluminum Alloy, Prefinished, Residential.

1.2 ACTION AND INFORMATIONAL SUBMITTALS

- .1 Provide submittals in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Product Data:
 - .1 Submit manufacturer's printed product literature, specifications and datasheet and include product characteristics, performance criteria, physical size, finish and limitations.

LOUVRES AND VENTS

- .2 Submit WHMIS MSDS - Material Safety Data Sheets.
- .3 Shop Drawings:
 - .1 Submit drawings stamped and signed by professional engineer registered or licensed in Province of Ontario, Canada.
 - .2 Indicate fabrication and erection details, including anchorage, accessories, and finishes.
- .4 Samples:
 - .1 Submit duplicate samples of each type of louvre showing colour and finish.
 - .2 Show frame detail, screening and finish.
 - .3 Where colour is not indicated, submit manufacturer's standard colours to Departmental Representative for selection.
- .5 Quality Assurance Submittals: submit following in accordance with Section 01 45 00 - Quality Control.
 - .1 Instructions: submit manufacturer's installation instructions and special handling criteria, installation sequence and cleaning procedures.

1.3 DELIVERY, STORAGE AND HANDLING

- .1 Packing, shipping, handling and unloading:
 - .1 Deliver, store and handle in accordance with Section 01 61 00 - Common Product Requirements.
 - .2 Deliver, store and handle materials in accordance with manufacturer's written instructions.
 - .3 Deliver materials to the site in undamaged condition.
- .2 Storage and Protection:
 - .1 Store materials off ground and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.
 - .2 Protect louvres from nicks, scratches, and blemishes.
 - .3 Replace defective or damaged materials with new.
- .3 Waste Management and Disposal:
 - .1 Separate waste materials for reuse and recycling in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.

PART 2 PRODUCTS**2.1 MATERIALS**

- .1 6 in. extruded aluminium louvers
 - .1 The blades of the louvers will be made of extruded aluminium (6063T6) and will be 3.0 mm (0.125 in.) thick. The blades will be attached using zinc-plated screws in the specially made extrusion at an angle of 45°. The blades will be weatherproof, type "W", in order to prevent water or snow infiltration.

LOUVRES AND VENTS

- .2 The frames of the louvers will be made of extruded aluminium (6063T6) and will be 3.0 mm (0.125 in.) thick by 150mm (6 in.) deep. The frames will be type "H".
- .3 All louvers will feature continuous blades or apparent mullions.
- .4 All louvers will be custom-made.
- .5 All louvers will come in natural finish, in colour (Acrythane 2000), and/or in anodised finish, clear or colour.
 - .1 Acceptable Products: HW-645 louvres manufactured by Trolec Inc. or equivalent approved by the architect.

PART 3 EXECUTION**3.1 MANUFACTURER'S INSTRUCTIONS**

- .1 Compliance: comply with manufacturer's written recommendations or specifications, including product technical bulletins, handling, storage and installation instructions, and datasheets.

3.2 INSTALLATION

- .1 Install louvres where indicated.
- .2 Set adjustable louver blades for uniform alignment in open and closed positions.
- .3 Adjust louvres so moving parts operate smoothly.
- .4 Repair damage to louvres to match original finish.
- .5 Install wall louvers using stops, mouldings, flanges, strap anchors and jamb fasteners as appropriate for wall construction and in accordance with manufacturer's recommendations.

3.3 CLEANING

- .1 Proceed in accordance with Section 01 74 11 - Cleaning.
- .2 On completion and verification of performance of installation, remove surplus materials, excess materials, rubbish, tools and equipment.

3.4 PROTECTION

- .1 Paint copper or copper-bearing alloys in contact with dissimilar metal with heavy-bodied bituminous paint or separate with inert membrane.
- .2 Where aluminum contacts metal other than zinc, paint dissimilar metal with primer and two coats of aluminum paint.
- .3 Paint metal in contact with mortar, concrete, or other masonry materials with alkali-resistant coatings such as heavy-bodied bituminous paint.
- .4 Paint wood or other absorptive materials that may become repeatedly wet and in contact with metal with two coats of aluminum paint or coat of heavy-bodied bituminous paint.

END OF SECTION

**ADDENDUM N°** M02

Project Ref Number :	A000566B
Project Title :	Building A
Client :	DFS
Date :	2018/07/25

CIMA 240, Catherine Street, Suite 110, Ottawa ON, K2P 2G8, Tel.: (613) 860-2462 Fax: (613) 860-1870

This document must be integrated in the contract documents and shall be read with them.

The bidders must ensure that the addendum(s) is (are) listed on the Tender Form and that the associated costs are included in the Tender Price.

DESCRIPTION

This addendum, comprising 2 pages, modifies the contract documents as follows:

1. SPECIFICATIONS

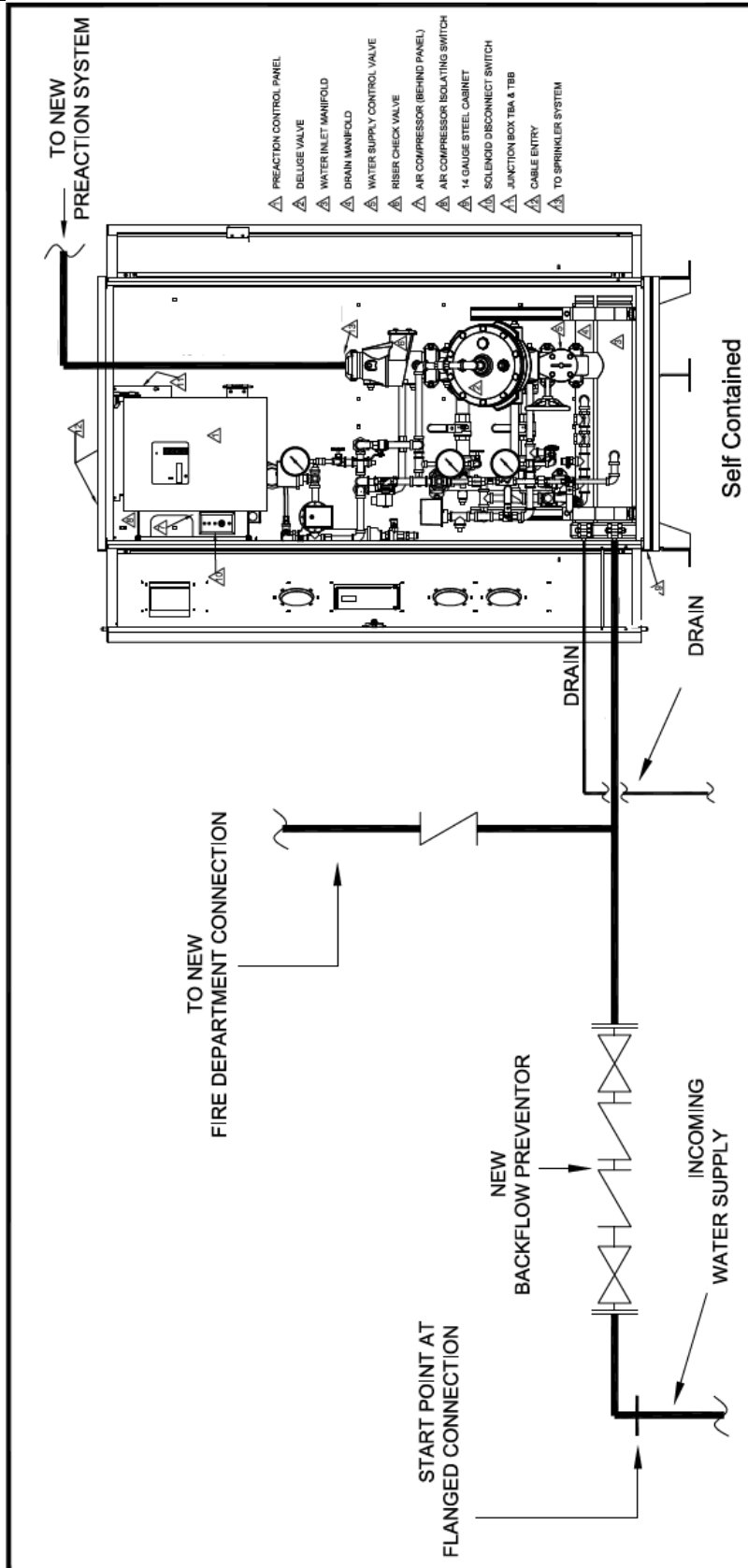
- 1.1 Section 23 73 11 paragraph 2.2.2; add .1; double wall cabinet c/w 25 mm thermal insulation

2. DRAWINGS**2.1 Drawing M100**

- 2.1.1 General note 2; modify "NFPA 14" to read "NFPA 13".
2.1.2 Add the pre-action schematic on the following page to the drawing.

Issued by: Guillaume Tremblay

Signature



- END OF ADDENDUM -



Project Ref Number :	A000566B
Project Title :	Building A
Client :	DFS Architects
Date :	2018/07/24

CIMA 240, Catherine Street, Suite 110, Ottawa ON, K2P 2G8, Tel.: (613) 860-2462 Fax: (613) 860-1870

This document must be integrated in the contract documents and shall be read with them.

The bidders must ensure that the addendum(s) is (are) listed on the Tender Form and that the associated costs are included in the Tender Price.

DESCRIPTION

This addendum, comprising 2 pages and 4 pages of specifications annex, modifies the contract documents as follows:

SPECIFICATIONS DOCUMENT

1. Section 27 10 05

1. In reference to sub-sections 2.9, 2.10, 2.11, 2.12, 2.13 and 2.14: REPLACE all instances of the term 'SC' with the text to read 'LC'.

2. Section 28 31 00.01

1. In reference to sub-section 2.12.1: REPLACE wording with the following:
"Red horn and clear strobe with Candela power 175 cd."
2. DELETE entirely sub-sections 2.16 – Remote Printer and 2.17 – Remote Terminal.

3. Annex B

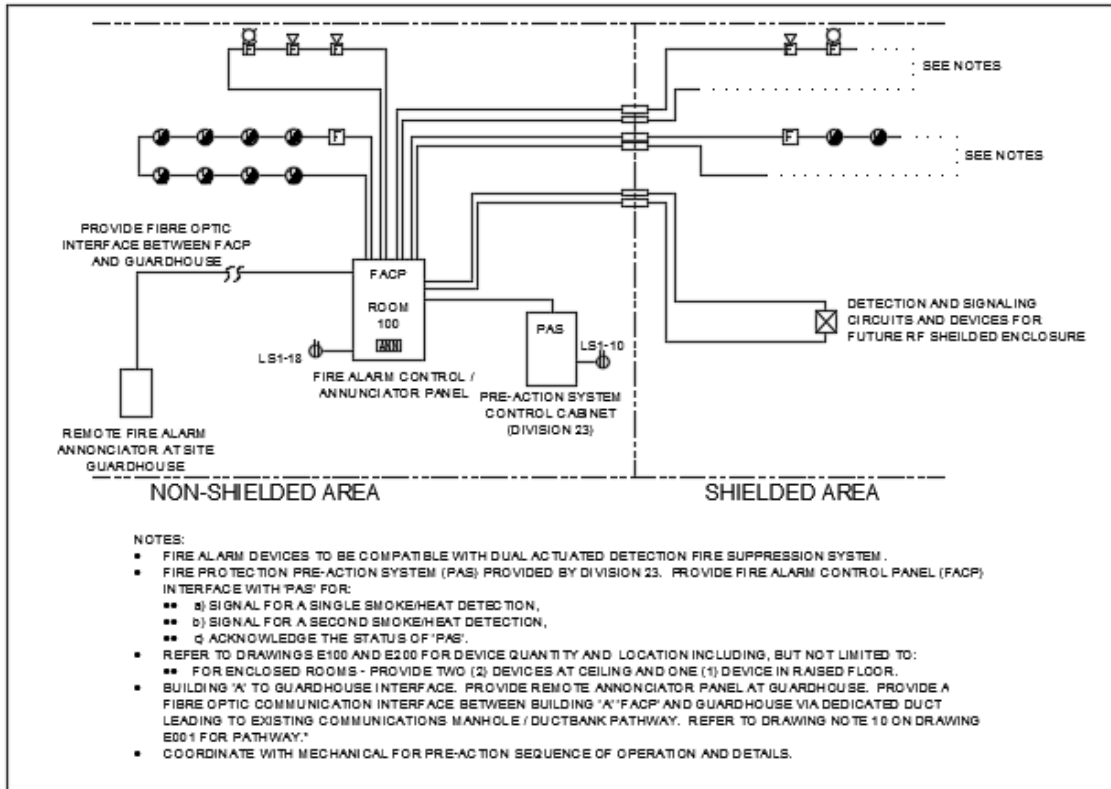
1. REPLACE Annex panel schedule pages 'ERP1', 'LS1', 'UPS1' and 'UPS2', included with this addendum.

DRAWINGS

1. Drawing E002

1. Locate Drawing Note 2, REPLACE entirely with the following:
"PROVIDE UNDERGROUND ELECTRICAL CONNECTION FOR FUTURE EMERGENCY GENERATOR AS INDICATED. PROVIDE AN UNDERGROUND ELECTRICAL CONNECTION C/W 30A DISCONNECT SWITCH, 15kVA, 600V-120/208V TRANSFORMER AND 60A SERVICE PANEL MOUNTED INSIDE ENCLOSURE WHEN GENERATOR IS DELIVERED."
2. Locate Drawing Note 3, ADD the word "PROVIDE" to the beginning of note 3.
3. Locate Drawing Note 4, DELETE note entirely.
4. Locate Drawing Note 8, REPLACE first sentence entirely with the following:
"PROVIDE AND CONNECT 120/208V, 3 ϕ -4W ELECTRICAL PANEL C/W BREAKERS AS INDICATED."
5. In reference to detail 1, locate the two (2) disconnect switches 'SW1' and 'SW2' connected to future generator, REPLACE text to read 'SW3' and 'SW4' respectively.
6. Locate panel 'UPS1': panel to be 225A-120/208V, 3 ϕ -4W – feeder to be 4C-225 with 200A-3P breaker in 'UPS' panel.

7. Locate panel 'ELS2': REPLACE text to read 'LS2'.
8. Locate detail '2', REPLACE entire detail with the following detail:



2 FIRE ALARM SCHEMATIC DIAGRAM
NOT TO SCALE

5. Drawing E300

1. Locate Drawing Note 11, ADD the following to the note:
"C/W TWO (2) CABLING DROPS OF EACH GROUP TO RESPECTIVE PATCH PANELS. SPECIFIC CABLING REQUIREMENTS WILL BE DETERMINED IN THE FUTURE."
2. In reference to detail '2', ADD the following text to detail's Notes:
"- VERTICAL POWER STRIP TO BE 20A TWIST-LOCK."

6. Drawing E400

1. DELETE entirely 'Door Detail Reference' listing. Door type symbol refers to respective Access Door Detail Type on drawing.

- END OF ADDENDUM -

Issued by: Yvan Farmer

Signature

ANNEX B

Fed from EDP							Date: July 25, 2018			
Panel Identification: ERP1							Main Breaker: 200A			
Location: MAIN ELECTRICAL ROOM							Supply Volts: 120/208V, 3PH, 4W			
Main Bus: 400A							Installation: SURFACE			
DESCRIPTION	WATTS	AMP.	CIR.	A	B	C	CIR.	AMP.	WATTS	DESCRIPTION
Receptacle - Rm 102	400	15	1	⋯	*	⋯	2	20	500	5 Utility Receptacles
Receptacle - Rm 102	400	15	3	⋯	⋯	*	4	15	200	Washroom Receptacles (2)
Receptacle - Rm 102	400	15	5	⋯	⋯	⋯	6	15	200	2 Receptacles - Room 108
Receptacle - Rm 102	400	15	7	⋯	*	⋯	8	15	200	2 receptacles - TV
Receptacle - Rm 102	400	15	9	⋯	⋯	*	10	15	500	Mechanical Power Supply
2 Receptacles - Rms 108, 109	200	15	11	⋯	⋯	⋯	12	20	400	2 Receptacles - Rm 107
H2O & Recirc. Pump - Rm 107	500	15	13	⋯	*	⋯	14	20	400	2 Receptacles - Rm 110
Roof Receptacle	200	20	15	⋯	⋯	⋯	16	15	1,000	Dishwasher
Roof Receptacle	200	20	17	⋯	⋯	*	18	15	700	Microwave
Roof Receptacle	200	20	19	⋯	*	⋯	20		3263	ROOF TOP UNIT RTU-2
Hand Dryer - Rms 104, 105	1,350	20	21	⋯	⋯	*	22	40	3263	
	1,350		23	⋯	⋯	⋯	24		3263	
Assistance Station - Parking	500	15	25	⋯	*	⋯	26		25	1404
Split Receptacle - Rm 108	200	15	27	⋯	⋯	*	28	1404		
	Split Receptacle - Rm 108	200	15	29	⋯	⋯	⋯	30	25	1404
200		15	31	⋯	*	⋯	32	1404		
Split Receptacle - Rm 108	200	15	33	⋯	⋯	*	34	25		1404
	200	15	35	⋯	⋯	⋯	36		1404	
Split Receptacle - Rm 108	200	15	37	⋯	*	⋯	38	15		SPARE
				⋯	⋯	⋯				
Fridge - room 108		15	39	⋯	⋯	*	40	15		SPARE
SPARE		15	41	⋯	⋯	*	42	15		SPARE
SPACE			43	⋯	*	⋯	44	15		SPARE
SPACE			45	⋯	⋯	*	46	15		SPARE
SPACE			47	⋯	⋯	⋯	48	15		SPARE
SPACE			49	⋯	*	⋯	50		11,400	ERP2 PANEL - RM 129
SPACE			51	⋯	⋯	*	52	100	11,400	
SPACE			53	⋯	⋯	⋯	54		11,400	
SPACE			55	⋯	*	⋯	56		7,400	ERP3 PANEL - RM 129
SPACE			57	⋯	⋯	*	58	100	7,400	
SPACE			59	⋯	⋯	⋯	60		7,400	
SPACE			61	⋯	*	⋯	62			SPACE
SPACE			63	⋯	⋯	*	64			SPACE
SPACE			65	⋯	⋯	⋯	66			SPACE
SPACE			67	⋯	*	⋯	68			SPACE
SPACE			69	⋯	⋯	*	70			SPACE
SPACE			71	⋯	⋯	*	72			SPACE

Total Phase A	28 kW	<GFI> = Ground fault detector
Total Phase B	29 kW	<k> = Breaker locking device
Total Phase C	29 kW	Total Panel Load : 86.41 kW

ANNEX B

Fed from ATS1/TR1				Date: July 27, 2018						
Panel Identification: LS1				Main Breaker: 100A						
Location: MAIN ELECTRICAL ROOM				Supply Volts: 120/208V, 3PH, 4W						
Main Bus: 100A				Installation: SURFACE						
DESCRIPTION	WATTS	AMP.	CIR.	A	B	C	CIR.	AMP.	WATTS	DESCRIPTION
EXTERIOR LIGHTS	800	15	1	-	*	-	2	20	490	CORRIDOR/TOILET LIGHTS
RM. 103, 104, 119 LIGHTS	458	15	3	-	-	*	4	15	274	RM. 118, 119, 121 LIGHTS
RM. 117 LIGHTS	69	15	5	-	-	-	6	15 k	100	EXIT LIGHT
SPARE		15	7	-	*	-	8	15 k	300	Smoke Dampers - Rm 103
SPARE		15	9	-	-	*	10	15 k	1,200	PRE-ACTION SYSTEM
SPARE		15	11	-	-	-	12	15		SPARE
SPARE		15	13	-	*	-	14	15		SPARE
SPARE		15	15	-	-	*	16	15 k	200	BATTERY UNIT
SPARE		15	17	-	-	-	18	15 k	500	FIRE ALARM CONTROL PANEL
SPACE			19	-	*	-	20		2,027	LS2 ELECTRICAL PANEL
SPACE			21	-	-	*	22	100	2,027	
SPACE			23	-	-	-	24		2,027	
Total Phase A		4 kW					<GFI> = Ground fault detector			
Total Phase B		4 kW					<k> = Breaker locking device			
Total Phase C		3 kW					Total Panel Load : 10.47 kW			

ANNEX B

Fed from UPS				Date: July 25, 2018						
Panel Identification: UPS1				Main Breaker: 200A						
Location: ROOM 110				Supply Volts: 120/208V, 3PH, 4W						
Main Bus: 225A				Installation: SUSFACE						
DESCRIPTION	WATTS	AMP.	CIR.	A	B	C	CIR.	AMP.	WATTS	DESCRIPTION
Dedicated Recept. - Rm 101	500	15	1	-	*		2	15	750	Dedicated Recept. - Rm 101
Dedicated Recept. - Rm 101	500	15	3	-		*	4	15	750	Dedicated Recept. - Rm 101
Dedicated Recept. - Rm 101	800	15	5	-		*	6	20	1,000	Ded. Twist Recept. - Rm 101
Dedicated Recept. - Rm 101	500	15	7	-	*		8	15		SPARE
Ded. Twist Recept. - Rm 101	1,000	20	9	-		*	10	15		SPARE
Ded. Twist Recept. - Rm 101	1,000	20	11	-		*	12	15		SPARE
SPARE		15	13	-	*		14	15		SPARE
SPARE		15	15	-		*	16	15		SPARE
SPARE		15	17	-		*	18	15		SPARE
SPACE			19	-	*		20			SPACE
SPACE			21	-		*	22			SPACE
SPACE			23	-		*	24			SPACE
SPACE			25	-	*		26			SPACE
SPACE			27	-		*	28			SPACE
SPACE			29	-		*	30			SPACE
SPACE			31	-	*		32			SPACE
SPACE			33	-		*	34			SPACE
SPACE			35	-		*	36			SPACE
SPACE			37	-	*		38			SPACE
SPACE			39	-		*	40			SPACE
SPACE			41	-		*	42			SPACE
Total Phase A	1.75	kW		<GFI> = Ground fault detector						
Total Phase B	2.25	kW		<k> = Breaker locking device						
Total Phase C	2.80	kW		Total Panel Load : 6.80 kW						

ANNEX B

Fed from UPS				Date: July 25, 2018						
Panel Identification: UPS2				Main Breaker: 80A						
Location: ELECTRICAL ROOM 129				Supply Volts: 120/208V, 3PH, 4W						
Main Bus: 100A				Installation: SUSFACE						
DESCRIPTION	WATTS	AMP.	CIR.	A	B	C	CIR.	AMP.	WATTS	DESCRIPTION
Receptacles - Rm 121C	300	15	1	⎓	*		2	15	300	Receptacles - Rm 121A
Receptacles - Rm 121C	300	15	3	⎓		*	4	15	300	Receptacles - Rm 121A
Receptacles - Rm 121C	300	15	5	⎓		*	6	15	300	Receptacles - Rm 121A
Ded. Twist Recept. - Rm 124	1,000	20	7	⎓	*		8	15	200	Backing Plywd Rec - Rm 124
Ded. Twist Recept. - Rm 124	1,000	20	9	⎓		*	10	20	200	Col./Floor Recept. - Rm 124
Ded. Twist Recept. - Rm 124	1,000	20	11	⎓		*	12	20	200	Floor receptacles - Rm 124
Ded. Twist Recept. - Rm 124	1,000	20	13	⎓	*		14	30	1,560	RF SHIELD ENCLOSURE - A
Ded. Twist Recept. - Rm 124	1,000	20	15	⎓		*	16			
Ded. Twist Recept. - Rm 124	1,000	20	17	⎓		*	18	30	1,500	Ded. Twist Recept. - Rm 124
Ded. Twist Recept. - Rm 124	1,000	20	19	⎓	*		20	30	1,500	Ded. Twist Recept. - Rm 124
Ded. Twist Recept. - Rm 124	1,000	20	21	⎓		*	22	30	1,560	RF SHIELD ENCLOSURE - B
Ded. Twist Recept. - Rm 124	1,000	20	23	⎓		*	24			
Ded. Twist Recept. - Rm 124	1,000	20	25	⎓	*		26	15		SPARE
Ded. Twist Recept. - Rm 124	1,000	20	27	⎓		*	28	15		SPARE
Ded. Twist Recept. - Rm 124	1,000	20	29	⎓		*	30	15		SPARE
SPARE		15	31	⎓	*		32	15		SPARE
SPARE		15	33	⎓		*	34	15		SPARE
SPARE		15	35	⎓		*	36	15		SPARE
SPACE			37	⎓	*		38			SPACE
SPACE			39	⎓		*	40			SPACE
SPACE			41	⎓		*	42			SPACE
Total Phase A	7.86	kW					<GFI> = Ground fault detector			
Total Phase B	7.92	kW					<k> = Breaker locking device			
Total Phase C	7.80	kW					Total Panel Load : 23.58 kW			

This addendum is an integral part of the tender documents and the contractor will have to indicate receipt of it in the tender form.

PART 1 MECHANICAL

1.1 ADDENDUM CIMA+ M03

- .1 Refer to attached CIMA+ mechanical addendum M03 dated July 30, 2017.

End of the Addendum N° A-03

**ADDENDUM N°** M03

Project Ref Number :	A000566B
Project Title :	Building A
Client :	DFS
Date :	2018/07/30

CIMA 240, Catherine Street, Suite 110, Ottawa ON, K2P 2G8, Tel.: (613) 860-2462 Fax: (613) 860-1870

This document must be integrated in the contract documents and shall be read with them.

The bidders must ensure that the addendum(s) is (are) listed on the Tender Form and that the associated costs are included in the Tender Price.

DESCRIPTION

This addendum, comprising 1 page, modifies the contract documents as follows:

- 1. SPECIFICATIONS**
- 1.1 Section 25 05 02 delete paragraph 1.5.1.8;
- 1.2 Section 25 90 01 delete paragraph 2.2.1.1.2;
- 1.3 Section 25 90 01 delete paragraph 2.2.1.1.7.1;

Issued by: Guillaume Tremblay

Signature

- END OF ADDENDUM -

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.

END