



## 442-2021B ADDENDUM 3

### CONSTRUCTION OF THE NORTH DISTRICT POLICE STATION AT 100 SINCLAIR STREET

#### **URGENT**

**PLEASE FORWARD THIS DOCUMENT TO  
WHOEVER IS IN POSSESSION OF THE  
BID/PROPOSAL**

ISSUED: May 20, 2022  
BY: Marnie Gartrell, MAA  
TELEPHONE NO. 204 942 0981

**THIS ADDENDUM SHALL BE INCORPORATED  
INTO THE BID/PROPOSAL AND SHALL FORM  
A PART OF THE CONTRACT DOCUMENTS**

Template Version: Add 2021-03-05

**Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid/Proposal, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid/Proposal may render your Bid/Proposal non-responsive.**

REPLACED CONFIDENTIAL CONSTRUCTION DOCUMENTS REFERENCED IN THE ADDENDUM CAN BE RETRIEVED FROM THE SECURE LINK EMAILED PREVIOUSLY. VALID WINNIPEG POLICE SERVICE LEVEL 2 SECURITY CLEARANCE IS REQUIRED TO ACCESS THE CONFIDENTIAL CONSTRUCTION DOCUMENTS. PLEASE CONTACT THE CONTRACT ADMINISTRATOR AT 204 942-0981 FOR ASSISTANCE.

#### **PART E – SPECIFICATIONS**

Revise E1.4 to read: The following are applicable to the Work:

Specification No.      Specification Title

#### **NMS SPECIFICATIONS**

#### **DIVISION 01 – GENERAL REQUIREMENTS**

01 10 00	Summary of Work
01 21 13	Allowances
01 31 00	Project Managing And Coordination
01 32 00	Construction Progress Documentation
01 33 00	Submittal Procedures
01 35 20	LEED Sustainable Requirements
01 35 20.10	LEED New Construction/Major Renovation – Detailed Checklist
01 45 00	Quality Control
01 51 00	Temporary Utilities
01 52 00	Construction Facilities
01 53 00	Temporary Construction
01 56 15	Temporary Indoor Air Quality
01 57 13	Temporary Erosion and Sedimentation Control
01 61 00	Product Requirements
01 71 00	Examination And Preparation
01 73 30	Cutting And Patching
01 74 00	Cleaning
01 74 19	Waste Management And Disposal
01 78 10	Closeout Submittals
01 78 40	Maintenance Requirements
01 79 00	Demonstration And Training
01 91 13	General Commissioning (CX) Requirements

**DIVISION 02 –**

**EXISTING CONDITIONS**

02 32 00

Available Project Information

02 41 18

Deconstruction of Structures

**DIVISION 03 –**

**CONCRETE**

03 10 00	Concrete Forming And Accessories
03 20 00	Concrete Reinforcing
03 30 00	Cast-In-Place Concrete
03 35 50	Concrete Floor Finishing

**DIVISION 04 – MASONRY**

04 20 00	Unit Masonry
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**DIVISION 05 – METALS**

05 12 23	Structural Steel For Buildings
05 21 00	Steel Joist Framing
05 31 00	Steel Decking
05 50 00	Metal Fabrications
05 58 13	Decorative Column Covers
05 75 10	Stainless Steel Countertops

**DIVISION 06 – WOOD AND PLASTICS**

06 10 53	Rough Carpentry
06 20 00	Finish Carpentry

**DIVISION 07 – THERMAL AND MOISTURE PROTECTION**

07 11 13	Bituminous Dampproofing
07 21 15	Insulation
07 28 00	Air And Vapour Barrier
07 41 13	Sheet Metal Roofing
07 46 16	Preformed Metal Siding
07 52 00	Modified Bitumen Roofing
07 62 00	Sheet Metal Flashing And Trim
07 71 00	Roof Safety Restraints
07 72 33	Roof Hatches
07 84 00	Firestopping
07 92 00	Joint Sealers

**DIVISION 08 – OPENINGS**

08 06 00	Door Schedule
08 11 00	Metal Doors And Frames
08 11 30	Stainless Steel Doors And Frames
08 14 16	Flush Wood Doors
08 31 13	Access Doors And Frames
08 33 23	Overhead Coiling Doors
08 36 13	Sectional Doors
08 41 13	Aluminum Framed Entrances And Storefronts
08 44 13	Glazed Aluminum Curtain Wall
08 71 00	Door Hardware
08 71 13	Automatic Door Operators
08 80 00	Glass And Glazing

**DIVISION 09 –****FINISHES**

09 06 00	Room Finish Schedule
09 21 16	Gypsum Board Assemblies
09 24 23	Acrylic Stucco
09 31 00	Thin Set Tiling
09 51 23	Acoustic Tile Ceilings
09 57 00	Acoustic Metal Security Ceilings
09 65 00	Resilient Flooring
09 65 66	Resilient Athletic Flooring
09 67 23	Epoxy Floor And Wall Finish
09 68 00	Carpeting
09 72 16	Wall Coverings
09 84 10	Acoustic Wall Treatment
09 90 00	Painting

**DIVISION 10 –****SPECIALTIES**

10 09 00	Miscellaneous Specialties
10 11 00	Visual Display Surfaces
10 11 00.01	Visual Display Surfaces Schedule
10 14 19	Signage
1014 19.01	Signage Message Schedule
10 21 12	Solid Plastic Toilet Partitions
10 21 13	Metal Toilet Compartments
10 21 23	Privacy Curtains
10 26 23	Wall Protection
10 28 14	Toilet And Bath Accessories
10 44 13	Fire Extinguisher Cabinets
10 50 00	Storage Specialties
10 51 13	Metal Lockers
10 75 00	Flagpoles

**DIVISION 11 –****EQUIPMENT**

11 31 00	Residential Appliances
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**DIVISION 12 –****FURNISHINGS**

12 24 00	Window Roller Shades
12 24 00.01	Window Roller Shade Schedule
12 31 00	Manufactured Metal Casework

**DIVISION 21 –****FIRE SUPPRESSION**

21 05 00	Common Work Results For Fire Suppression
21 05 01	Mechanical General Provisions
21 05 10	Acceptable Equipment, Materials & Products – Mechanical
21 08 10	Insulation
21 13 13	Wet Pipe Sprinkler Systems
21 13 16	Dry Pipe Sprinkler Systems
21 13 19	Preaction Sprinkler Systems

<b>DIVISION 22 –</b>	<b>PLUMBING</b>
22 40 10	Plumbing
<b>DIVISION 23 –</b>	<b>HEATING, VENTILATING AND AIR CONDITIONING (HVAC)</b>
23 05 48	Vibration Control
23 60 10	Liquid Heat Transfer
23 80 10	Air Distribution
23 90 10	Testing, Adjusting & Balancing
<b>DIVISION 25 –</b>	<b>INTEGRATED AUTOMATION</b>
25 10 10	Controls - General Requirements
25 20 10	Controls - Hardware, Software And Devices
25 20 20	Controls/Instrumentation - Variable Frequency Drive 600v
25 95 00	EMCS - Integrated Automation Control Sequences For HVAC Combined Mechanical Schedules
<b>DIVISION 26 –</b>	<b>ELECTRICAL</b>
26 05 00	Common Work Results - For Electrical
26 05 05	Work In Existing Building
26 05 21	Wires And Cables (0-1000 V)
26 05 22	Wire Connectors And Terminations, 1000v And Below
26 05 26	Grounding
26 05 29	Hangers And Supports For Electrical Systems
26 05 31	Splitters, Junction, Pull Boxes, Cabinets And CSTE's
26 05 32	Outlet Boxes, Conduit Boxes And Fittings
26 05 34	Conduits, Conduit Fastenings And Conduit Fittings
26 05 35	Surface And Lighting Fixture Raceways
26 05 36	Cable Trays For Electrical Systems
26 05 37	Wireways And Auxiliary Gutters
26 05 44	Installation Of Cables In Trenches And In Ducts
26 05 50	Cable And Duct Seals
26 05 90	Miscellaneous Apparatus And Appliances
26 09 14	Intelligent Parking Lot Controller (IPLC)
26 09 25	Lighting Control Equipment – Photoelectric
26 09 36	Line Voltage - Occupancy Sensor
26 12 17	Dry Type Transformers Up To 600 V Primary
26 24 06	Customer Metering
<b>26 24 13</b>	<b>Switchboards</b>
26 24 16	CDP Type Distribution (1200a And Below)
26 24 17	Panelboards Breaker Type
26 24 31	Mechanical Equipment Connections
26 27 16	Electrical Cabinets And Enclosures
26 27 18	Floor Boxes
26 27 26	Wiring Devices
26 28 13.01	Fuses - Low Voltage
26 28 20	Ground Fault Circuit Interrupters - Class "A"
26 28 21	Moulded Case Circuit Breakers
26 28 23	Disconnect Switches - Fused And Non-Fused
26 29 01	Contactors
26 29 10	Motor Starters To 600 V

26 32 14	Power Generation Diesel
26 32 19	Generator Skin-Tight Enclosure
26 33 53	Static Uninterruptible Power Supply
26 36 23	Automatic Load Transfer Equipment
26 41 13	Lightning Protection Systems
26 43 13	Surge Protection Devices (Spds)
26 50 01	Lighting-Led
26 52 01	Unit Equipment For Emergency Lighting
26 53 00	Exit Signs
26 56 19	Roadway Lighting

**DIVISION 27 –**

**COMMUNICATIONS**

27 05 26	Grounding And Bonding For Communications Systems
27 05 27	Cable Trays For Communications Systems
27 05 28	Voice And Data Communications Pathway
27 05 32	J-Hook Support Systems
27 10 05	Structured Cabling For Communications Systems
27 51 16	Public Address And Mass Notification Systems
27 51 24A	Intercom System
27 51 40	"Help" And "Interview In Progress" System

**DIVISION 28 –**

**ELECTRONIC SAFETY AND SECURITY**

28 13 00	Access Control
28 15 25	Electronic Key Management System
28 23 00	Video Surveillance
28 23 10	Video Interview System
28 31 01	Fire Alarm System (Addressable, Two Stage)
	Appendix A - WPS Security Overall Specification
	Appendix B – Cisco 9200 Switch
	Appendix C – Networking Information
	Appendix D – Cisco Server
	Appendix E – Server Configuration
	Appendix F – Server Ip Addressing And Server Software
	Appendix G – Veeam Backup Configuration
	Appendix H – Workstation And Thin Clients
	Appendix I – Standard Naming Convention
	Appendix J – Card Reader And Intercom Exterior Post Details
	Combined Electrical Schedules

**DIVISION 31 –**

**EARTHWORK**

31 00 10	Earthwork Testing
31 01 90	Tree Protection
31 05 13	Fill Materials
31 20 10	Earthwork General Requirements
31 23 00	Excavation And Backfill - Building
31 23 10	Site Excavating, Filling And Grading
31 23 38	Trench Excavating And Backfilling
31 61 13	Pile Foundation, General Requirements
31 62 14	Precast Concrete Piles

**DIVISION 32 –**

**EXTERIOR IMPROVEMENTS**

32 11 16	Granular Base
32 12 16	Asphalt Concrete Pavement Unit
32 14 13	Paving
32 16 15	Site Concrete Pavement
32 17 23	Markings
32 31 00	Chain Link Fence & Gates
32 31 12	Exterior Metal Fabrication
32 31 33	Bifold Security Gates Exterior
32 32 00	Site Carpentry Site
32 37 00	Furnishings
32 91 19	Planting Medium & Finished Grading
32 93 10	Trees, Shrubs & Groundcover Planting
32 94 00	Landscape Maintenance

### **DIVISION 33 –**

### **UTILITIES**

33 05 10	Piped Utility Systems General Requirements
33 10 10	Water Systems
33 33 10	Sewer System
33 41 10	Storm Utility Drainage Piping

<u>Drawing No.</u>	<u>Drawing Name/Title</u>
A0.1	Cover Page
L1.1	Materials Plan
L1.2	Layout Plan
L1.3	Grading Plan – West Enlargement
L1.4	Grading Plan – East Enlargement
L1.5	Planting & Furniture Plan
L2.1	Details 1
L2.2	Details 2
L2.3	Details 3
L2.4	Details 4
C1.1	Lot Grading Plan
C1.2	Servicing Plan
C2.1	Calculations and Details
<b>C3.1</b>	<b>Alternate Servicing Sketch to Avoid Existing WASAC Building</b>
A1.1	Site Plan
A1.2	Crawl Space Plan
A1.3	Ground Floor Plan
A1.4	Reflected Ceiling Plan
A1.5	Roof & Mechanical Penthouse Plan
A1.6	Atrium Roof & Mechanical Penthouse Roof Plan
A1.7	Furniture Plan
A1.8	Finishes Plan
A2.1	Building Elevations
A2.2	Exterior Window Types
A3.1	Building Sections
A3.2	Building Sections
A4.1	Enlarged Plan Details
A4.2	Enlarged Plan Details
A4.3	Plan & Section Details
A5.1	Building Envelope Details
A5.2	Building Envelope Details
A5.3	Building Envelope Details
A5.4	Building Envelope Details

A5.5	Building Envelope Section Details
A6.0	Interior Elevation Key Plan
A6.1	Interior Elevations
A6.2	Interior Elevations
A6.3	Interior Elevations
A6.4	Interior Elevations
A6.5	Interior Elevations
A7.1	Interior Details
A7.2	Interior Details
A8.1	Exterior Signage Location Plan
A8.2	Interior Signage Location Plan
A8.3	Signage Graphic Standards
A8.4	Sign Layout & Installation: Series 100 & 500
A8.5	Sign Layout & Installation: Series 100
A8.6	Sign Layout & Installation: Series 200,300,400 & 600
S2.1	Foundation Plan
S2.2	Main Floor Framing Plan & Schedules
S2.3	Roof Framing Plan, Ceiling Framing Plan & Schedules
S2.4	High Roof Framing Plan, Truss Elevation & Schedules
S3.1	General Notes & Details
S3.2	Pile Details
S4.1	Sections
S4.2	Sections
S4.3	Sections
S5.1	Elevations
S5.2	Elevations
M0.1	Mechanical Drawing List, Symbol Legend and Site Plan
M1.0	Crawl Space Plan - Plumbing
M1.1	Main Floor Plan - Plumbing
M1.2	Roof Plan - Plumbing
M1.3	Schematic and Details - Plumbing
M2.0	Crawl Space Plan – Fire Protection
M2.1	Main Floor Plan – Fire Protection
M2.2	Main Floor Plan – Fire Protection
M3.0	Crawl Space Plan – Ventilation
M3.1	Main Floor Plan – Ventilation
M3.2	Roof Plan – Ventilation
M4.0	Crawl Space Plan – Hydronics
M4.1	Main Floor Plan – Hydronics
M4.2	Roof Plan – Hydronics
M5.0	Schematic and Details – Mechanical
M5.1	Details – Mechanical
E0.1	Drawing List & Symbol Legend
E1.0	Site Plan – Electrical
E2.0	Crawl Space Plan – Electrical
E3.0	Main Floor Plan – Lighting
E3.1	Main Floor Plan – Power
E3.2	Main Floor Plan – Voice/Data
E3.3	Main Floor Plan – Fire Alarm
E3.4	Main Floor Plan – Systems
E4.0	Roof & Mechanical Penthouse Plan – Electrical
E5.0	Voice/Data Details & Large Scale Plans
E5.1	Lightening Protection and Pole Details
E5.2	CCVE, Intercom, Interview in Use and Help Systems Schematic and Security Network Details
E5.3	Security Network and Electrical Details
E6.0	Fire Alarm Riser Diagram
E6.1	Electrical Single Line Diagram

Clarification of E1.4: The following sections were deleted from the table in E1.4: 07 81 00, 07 81 23, and 26 23 00. The following section was added 26 24 13 to the table in E1.4.

## **DRAWINGS**

Replace: 442-2021B\_Drawing\_A2.1 with Addendum\_3\_442-2021B\_Drawing\_A2.1-R5  
442-2021B\_Drawing\_A2.2 with Addendum\_3\_442-2021B\_Drawing\_A2.2-R5  
442-2021B\_Drawing\_A6.5 with Addendum\_3\_442-2021B\_Drawing\_A6.5-R5  
442-2021B\_Drawing\_C1.1 with Addendum\_3\_442-2021B\_Drawing\_C1.1-R9  
442-2021B\_Drawing\_C1.2 with Addendum\_3\_442-2021B\_Drawing\_C1.2-R9  
442-2021B\_Drawing\_DA.1 with Addendum\_3\_442-2021B\_Drawing\_DA1-R1  
442-2021B\_Drawing\_E1.0 with Addendum\_3\_442-2021B\_Drawing\_E1.0-R3  
442-2021B\_Drawing\_E2.0 with Addendum\_3\_442-2021B\_Drawing\_E2.0-R2  
442-2021B\_Drawing\_E3.0 with Addendum\_3\_442-2021B\_Drawing\_E3.0-R3  
442-2021B\_Drawing\_E3.1 with Addendum\_3\_442-2021B\_Drawing\_E3.1-R3  
442-2021B\_Drawing\_E3.2 with Addendum\_3\_442-2021B\_Drawing\_E3.2-R2  
442-2021B\_Drawing\_E3.3 with Addendum\_3\_442-2021B\_Drawing\_E3.3-R3  
442-2021B\_Drawing\_E3.4 with Addendum\_3\_442-2021B\_Drawing\_E3.4-R2  
442-2021B\_Drawing\_E4.0 with Addendum\_3\_442-2021B\_Drawing\_E4.0-R2  
442-2021B\_Drawing\_E5.0 with Addendum\_3\_442-2021B\_Drawing\_E5.0-R2  
442-2021B\_Drawing\_E5.1 with Addendum\_3\_442-2021B\_Drawing\_E5.1-R2  
442-2021B\_Drawing\_E5.2 with Addendum\_3\_442-2021B\_Drawing\_E5.2-R2  
442-2021B\_Drawing\_E6.0 with Addendum\_3\_442-2021B\_Drawing\_E6.0-R2  
442-2021B\_Drawing\_E6.1 with Addendum\_3\_442-2021B\_Drawing\_E6.1-R3  
442-2021B\_Drawing\_L1.1 with Addendum\_3\_442-2021B\_Drawing\_L1.1-R2  
442-2021B\_Drawing\_L1.2 with Addendum\_3\_442-2021B\_Drawing\_L1.2-R2  
442-2021B\_Drawing\_L2.4 with Addendum\_3\_442-2021B\_Drawing\_L2.4-R2

Add: 442-2021B\_Addendum\_3-Drawing\_C3.1

## **NMS SPECIFICATIONS**

### Section 01 21 13 Allowances

Revise: 1.3.8.1 to read: Amount of Cash Allowance \$605,000.00

### Section 01 52 00 Construction Facilities

Add: 1.9.2 to read: Provide and pay for construction site security twenty-four hours a day, seven days a week for the duration of the construction project. Security is to include a 'verified' audio and video alarm CCTV security system provided and monitored by a commercial alarm company. Video monitoring is to be provided around the construction site using infrared cameras with exterior heat and motion sensors that can detect people and vehicles.

### Section 02 32 00 Available Project Information

Add: 1.5 1.5 Record Drawing Information

.1 Record Drawing, entitled as:

.1 Clubhouse Addition and Improvement Old Exhibition Grounds  
100 Sinclair Street, DWG No. 87149-S1, Prepared By;  
Manengco Engineering.

.2 Drawing attached at the end of this Section.

### Section 04 20 00 Unit Masonry

Revise: 2.3.1.2.1 to read: IXL Masonry Supplies, Interstate Brick, Colour; Walnut, Texture; Matte.

### Section 07 21 15 Insulation

Add: 2.2.1.1.3 Carlisle, Sealtite One.

Delete Section 07 81 00 Applied Fireproofing in its entirety.

Delete Section 07 81 23 Intumescent Fireproofing in its entirety.

### Section 08 06 00 Door Schedule

Replace: DA-1 Door Types with Addendum 3 DA-1R.1 Door Types.

### Section 08 80 00 Glazing

Revise: 2.2.1.3 to read: Coating: Guardian, Sunguard SNX 51/23 Low E on surface #2.

- Revise: 2.2.2.3 to read: Coating: Guardian, Sunguard SNX 51/23 Low E on surface #2.
- Revise: 2.2.3.1 to read: Sealed Insulating Glass (SG-3): CAN2-12.8M, Triple Pane, Total unit Thickness; 64 mm.
- Revise: 2.2.3.5 to read: Coating: Guardian, Sunguard SNX 51/23 Low E on surface #2.
- Revise: 2.2.4.3 to read: Coating: Guardian, Sunguard SNX 51/23 Low E on surface #2.
- Revise: 2.2.5.3 to read: Coating: Guardian, Sunguard SNX 51/23 Low E on surface #2.

#### Section 10 14 19.01 Signage Message Schedule

Replace: Signage Message Schedule with Addendum 3 Signage Message Schedule R1.

#### Section 10 51 13 Metal Lockers

- Add: 2.1.3.8.2 ASI, Traditional Collection.
- Add: 2.1.4.8.2 ASI, Traditional Collection.
- Add: 2.1.5.8.2 ASI, Traditional Collection.
- Add: 2.1.6.8.2 Fasco Security Products, Evidence Lockers.
- Add: 2.1.7.6 Acceptable Manufacturer: Fasco Security Products, Pass-Thru Lockers.

#### Section 10 75 00 Flagpoles

- Revise: 2.1.1.1 to read: Ewing, Architectural Flagpoles, Model: HCA-30, Finish: Satin Brushed.
- Delete: 2.2.5 in its entirety.
- Delete: 2.2.6 in its entirety.

#### Section 11 31 00 Residential Appliances

- Revise: 1.7.2 to read: Provide a one (1) year manufacturer's warranty for all appliances.
- Revise: 1.7.3 to read: Provide a three (3) year warranty for commercial microwave appliance.

#### Section 21 05 10 – Acceptable Equipment, Materials & Products – Mechanical

- Revise 1.2.4.26 to read: Sump/Storm/Elevator pumps\* Franklin Electric; Little Giant; Barnes; S.A.  
Armstrong; Gorman Rupp; Bell & Gossett
- Revise 1.2.4.37 to read: Expansion tanks (bladder)\* Amtrol; Calefactio; Wessels; Bell & Gossett;  
Taco; John Wood; Flexcon; Armstrong
- Revise 1.2.6.30 to read: Unit Heaters\* Rosemex; Engineered Air; Daikin; Vulcan;  
Rittling

Revise	1.2.6.35 to read:	Boilers* .1 Condensing*	Cleaver Brooks; Aerco; Viessmann; Fulton/Raypak; Buderus
Revise	1.2.6.37 to read:	Flexible pipe connectors*	Flexonics; Hydro-Flex; United Flexible; Flex Hose
Revise	1.2.6.41 to read:	Gas fired steam humidifier*	Armstrong; Dri-Steem; Sarco; Herrmidifier; Nortec; Vapac; Engineered Air; Neptonic
Add	1.2.6.44 to read:	Buffer Tank	Wessels; Niles; Taco; B&G; Armstrong
Revise	1.2.7.6 to read:	Control damper	Tamco; Greenheck; Price; Alumavent; Nailor; Ruskin
Revise	1.2.7.7 to read:	Ultra tight control dampers	Tamco; Alumavent; Nailor
Revise	1.2.7.11 to read:	Louvres*	Carnes; Penn; Air-O Vent; Canadian Advanced Air; H & C; Westvent; Ventex; Price; Greenheck; Nailor
Revise	1.2.7.19 to read:	Diffusers, registers & grilles*	E.H. Price; Hart & Cooley; Titus; Carnes; Nailor; Kees
Revise	1.2.7.24 to read:	Condensing Boiler chimney*	Heat Fab; Z-Flex; Selkirk & ICC
Revise	1.2.7.28 to read:	Energy recovery units* .1 Reverse Flow	BKM; Temp-EFF; Solution Air
Revise	1.2.7.29 to read:	Backdraft damper*	Penn; Greenheck; Ventex; Price; Continental Fan
Revise	1.2.7.30 to read:	Ductless Split Systems .1 Ultra low ambient	Carrier; LG; Daikin; Mitsubishi LG; Daikin; Mitsubishi; LG & Ski Aire; Data Aire

#### Section 21 08 10 Insulation

Delete: 2.13 in its entirety.

#### Section 23 60 10 Liquid Heat Transfer

Delete: 2.23.3.4 in its entirety.

Delete: 2.23.5.5 in its entirety.

Delete: 2.23.5.6 in its entirety.

Delete: 2.23.5.7 in its entirety.

#### Section 25 95 00 – Integrated Automation Control Sequences for HVAC

Revise: 1.21.5 to read: Supply Fans:

The supply fans shall run anytime the unit is commanded to run, unless shutdown on safeties. To prevent short cycling, the supply fan shall have a user definable (adj.) minimum runtime. Provide 1 VFD to control the 4 supply fans.

Alarms shall be provided as follows:

Revise: 1.21.9 to read: Return Fans:

The return fans shall run whenever the supply fan runs. Provide 1 VFD to control the 4 supply fans.

Alarms shall be provided as follows:

#### Mechanical Schedules

Revise: MS-5 Fan Coils Schedule with Addendum 3 MS-5R1 Fan Coils Schedule

Revise: MS-7 Energy Recovery Ventilator Schedule with Addendum 3 MS-7R1 Energy Recovery Ventilator Schedule

#### Section 26 05 31 Splitters, Junction, Pull Boxes, Cabinets and CSTE

Revise: 2.4.2 to read: Enclosure shall be CSA NEMA 4 rated, pad mount, free standing.

#### Section 26 24 06 Customer Metering

Add: 3.4.1.3 See drawing E6.1 for other meter devices.

Add new Section 26 24 13 Switchboards.

#### Section 26 24 16 CDP Type Distribution (1200A and below)

Revise: 2.1.2 to read: Distribution shall have door over distribution design. The distribution trim shall be hinged to the tub to allow full access to all buswork, wireways, breakers, etc. in the interior of the distribution. Bolted trim is not acceptable. A separate door in the trim shall allow access to the front of the breakers. Door over breakers to have lock. All locks to be keyed alike.

#### Section 26 28 23 Disconnect Switches – Fused and Non – Fused

Revise: 2.1.4 to read: Metal enclosure with provision for padlocking in off position by three locks.

#### Section 26 32 19 Generator Skin-Tight Enclosure

Delete: 2.2.1.11 in its entirety.

Revise: 2.2.3.1 to read: Formed steel frame construction covered with metal panels.

Revise: 2.2.3.2 to read: Where multiple panels are used they shall mechanically interlocked with the use of fasteners or welding.

- Revise: 2.2.4.1 to read: Roof shall have peak to reduce ponding of water.
- Revise: 2.2.5.3 to read: Two painted hinged.
- Revise: 2.3.2 to read: Motorized insulated blade dampers are to be provided on intake, combustion air, exhaust from enclosure and generator exhaust louvers, and return air openings complete with 24VDC or 120 VAC spring-return actuators for each damper. Combustion air and room exhaust dampers to be 2-position, open-closed. Generator intake, exhaust and return dampers to be modulating. Damper interlocks and loss of power fail position to be in accordance with CSA B139.
- Revise: 2.3.6 to read: Provide an inline cabinet room exhaust fan direct drive-drivemotor. Provide balancing dampers.
- Revise: 2.3.7 to read: Provide space temperature sensor to cycle electric space heaters.
- Delete: 2.3.10.1 in its entirety.
- Delete: 2.3.10.4 in its entirety.
- Delete: 2.3.10.5 in its entirety.
- Add: 2.5.4 to read: Provide exhaust scrubbers to Generator fume exhaust system.
- Revise: 2.6.14 to read: Subbase tank shall be manufactured to ULC S601.

#### Section 26 36 23 Automatic Load Transfer Equipment

- Add: 2.6.2 to read: Kohler model KBS.

#### Section 27 10 05 Structured Cabling for Communications Systems

- Revise: 1.7.2.1 to read: McCaine Electric Ltd. att: James Wlasichuk.  
106 Lawson Crescent. Winnipeg, Manitoba R3P 2H8  
Phone: (204) 786-2435 Fax: (204) 783-2180

#### Electrical Schedules

- Revise: Replace Communication Outlet Schedule Rack 1 Schedule with Addendum 3 Communication Outlet Schedule Rack 1 Schedule.
- Revise: Replace Motor Schedules with Addendum 3 Motor Schedules.
- Revise: Replace panel schedules for Panel SL-EA, UPS-300, NA-500 and NA-600 with Addendum 3 Panel SL-EA, UPS-300, NA-500 and NA-600.
- Revise: Replace Luminaire Schedule with Addendum 3 Luminaire Schedule

#### Section 32 93 10 Trees, Shrubs and Groundcover Planting

- Revise: 3.9.1 to read: Trees shrubs, perennials, grasses, and groundcovers will be inspected at substantial performance and at the end of the two (2) year warranty period. Trees, shrubs,

perennials, grasses, and groundcovers will be accepted by the Contract Administrator, provided that:

Delete Section 26 23 00 Low Voltage Metal – Enclosed Circuit Breaker Switchgear in its entirety.

## **QUESTIONS AND ANSWERS**

Q1: When subcontractors receive their document package are they receiving copies of the attached files? Hopefully they are being provided (ideally combined with the NMS Spec) because there is a lot of info in them that the trades also need to have.

A1: The tender document and Form A are available from MERX. Subcontractors and contractors can download at their convenience.

Q2: Drawing E6.1:

- Requests weatherproof padmount for CDP-GEN. I see the specs state that if equipment is located outdoors, it is to be in a Nema 4 enclosure. The issue I have with a Nema 4 enclosure for CDP-Gen, is for this PAD mount enclosure to be Nema 4 rated, I must double to bus for heat dissipation. So this CDP is 600A, I would have to upsize it to 1200A. Can you please confirm if this enclosure is to be Nema 4 or if it can be Nema 3R c/w heaters like the CSTE. I should confirm that the CSTE is also 3R as per spec. 26 05 31 2.4.2 and not Nema 4.
- MD-1 has a 20A-3P LSIG breaker feeding TR-AA. Please note Eaton does not make a 20A LSIG breaker rated 35kA i.C. @ 347/600V. Can this 20A breaker be c/w thermal mag trip?

A2: 1. CDP-GEN is to be NEMA 4.  
2. CSTE is to be NEMA 4.  
3. 20A Breaker c/w thermal magnetic trip for TR-AA is acceptable. Refer to addendum 3.

Q3: 26 05 00 3.8 - Coordination / Arc Flash Study - I see Eaton is not listed as an approved manufacture. Can Eaton be considered equal or approved to provide a coordination / Arc Flash Study?

A3: Eaton is not approved for short circuit, protective device coordination and arc flash study.

Q4: 26 23 00 - Main distribution spec - I see this spec is requesting ANSI C37.20.1 Low voltage Draw-out switchgear. I do not see that draw-out breakers are required on the one-line. As MD-1 is 800A and drawing E4.0 detail 2 shows MD-1 as floor mount / wall supported can this be built as CSA 22.2 No.29 two section Main breaker PRL 4?

A4: Draw-out breakers are not required. Switchgear MD-1 is to be constructed to CSA 22.2 No.31. Section 26 23 00 is deleted and is replaced with new section 26 24 13 Switchboards. Refer to addendum 3.

Q5: 26 23 00 - 1.5.4.2 - Is witness testing required for MD-1?

A5: Witness testing 26 23 00 1.5.4 is not required. Section is deleted. Refer to addendum 3.

Q6: 26 24 06 refers to customer metering however this spec is different then spec 26 23 00 1.15 & 26 24 16 2.3. Can you please confirm which spec should be followed for the DMS units located in MD-1, CDP-GEN & CDP-EE.?

A6: Meter locations with type of meters are identified on single line diagram. Specification is updated. Refer to addendum 3.

Q7: 26 28 23 - 2.1.4 - Provision for padlocking in on-off position. Please note Eaton's disconnects are padlockable in the off position. This safety feature prevents the disconnect from being turn on without having a key for the Pad lock. Padlockable is not available in the "on" position.

A7: Pad locking in ON position is not required. Refer to addendum 3.

Q8: Motor Schedule - On the motor schedule page 5 has two starters ERV-1 and ERV-2 which are requested as 600V manual starters. Are these supposed to be magnetic starters?

A8: No starters are required for ERV-1 and ERV-2. These equipment are provided with integral VFDs. Refer to addendum 3.

Q9: Equipment - I see some comments in regards to if equipment is located in a hazardous area that Explosion proof enclosures are to be provided. Does this apply to any of the electrical equipment in this project?

A9: Explosion proof electrical equipment are not required for this project.

Q10: Are there any addendums? I have downloaded the file now but see no addendums.?

A10: Addenda for the NDPS project will be posted/distributed via MERX. Replaced confidential construction documents referenced in the addendum will be retrievable from the secure link emailed previously. This two-step process for distributing addendums will exist for the remainder of the bid period.

Q11: Since we can't have our normal printer print these for us, can you print them for me?

A11: Security cleared contractors can contact Barb Mah @ BMah@winnipeg.ca directly to arrange for a hardcopy set of drawings. A certified cheque or cash deposit for the value of the drawings \$120 is required. Funds will be returned when the drawings are returned.

Q12: Please clarify the extent of existing tree removal, existing road removal, site demolition with rink and building demolition within project site limits.

- a. Landscaping Plans don't indicated number of trees and extent of road (assumed to be up to property line).
- b. Are any trees to be salvaged and protected?
- c. Underground utilities to be capped and abandoned as per the civil plans as long as they don't interfere with the building crawlspace, but are there any other underground obstruction to be aware of requiring demolition and removal?
- d. Can a site demo plan along with a site electrical demo plan be provided to clarify scope for trade pricing?

A12: a. All trees within construction limits to be demolished unless otherwise noted, refer to L1.1. In all cases paved vehicular right-of-way constructed on site will end at property line, with an exception occurring where a new approach is identified extending to tie-in to adjacent east roadway (Sinclair Avenue).

b. Refer to Addendum 3.

c. The shown underground utilities below the proposed NDPS buildings are based on available as-built information. All existing utilities will require confirmation in-field. Refer to General Notes - Note 2 on Civil drawings C1.1 and C1.2.

d. No site demolition plan to be provided. All structures to be demolished on site are publicly visible and can be visited by sub-contractors at their convenience.

Q13: Can you provide any existing information of the W.A.S.A.C. building regard structure to price building demolition and removal?

A13: No site demolition plan to be provided. All structures to be demolished on site are publicly visible and can be visited by sub-contractors at their convenience. Refer to Record Drawing attached in Addendum 3.

Q14: Due to supply chain issues, the projected lead time for structural steel and joists is ranging from 18-20 weeks from approved shop drawings which could push completion by 1-2 months based on a preliminary review of the schedule.

- a. Would consideration for schedule adjustments be entertained due to continuing supply chain issues affecting structural steel, joists, misc. metals, electrical distribution equipment, feeders and cable supply among other materials and products?

A14: Section D19. COVID – 19 SCHEDULE DELAYS in the Supplemental Conditions provides bidders with assurances that delays outside of their control will be dealt with objectively and fairly in the context of the construction contract for the North District Police Station. Please identify all related project scheduling concerns as part of your bid submission. Refer to Supplemental Conditions D13. DETAILED WORK SCHEDULE. If contract performance dates may not be met, please provide a rationale as to why including any supporting documentation. The successful GC will be required to provide a detailed work schedule which reflects supply chain concerns.

Q15: Spec section 11 31 00 primarily specifies residential appliances but it also calls for two year and five year warranties. Most of the specified items only come with a one year warranty and even that does not apply for non-residential use. Please confirm the warranty requirements noted in 11 31 00-1.7 do not apply to these items.?

A15: Refer to Addendum 3.

Q16: In spec section 32 93 10 regarding planting clause 3.9.1 references a one (1) year warranty period. Other locations in this section appear to indicate a two year warranty. Please confirm warranty requirements?

A16: Refer to Addendum 3.

Q17: On L1.1 a note calls for a retaining wall on the south side of the site near the west end and it says to see DTL 8 on L2.2 but the detail appears to be missing. Please provide detail.

A17: Refer to Addendum 3.

Q18: L1.1 the 2 islands in the west lot have curb labeled as a sidewalk (DTL 1/L2.3) CIP CONC. W/THK EDGE. They have landscape in these islands, so solid concrete likely is not appropriate here. Perhaps the DTL 4/L2.3 curb would work the best here considering the bullnoses on the ends of islands. Please clarify curb requirements for these locations.

A18: Refer to Addendum 3.

Q19: Section 10 51 13 – Metal Lockers

1) Room G197 – Temporary Storage

a. A6.5 Elevation drawing shows the locker configuration for this room to include:

2.1.3 Lockers (LKR-3),

2.1.4 Lockers (LKR-4) and

2.1.5 Lockers (LKR-5) placed upon a drawer base.

i. Question: Can you please confirm if this is to be provided by locker vendor or other?

ii. Question: Can you please clarify if the lockers are to be anchored to the wall?

A19: i. Millwork drawer base is provided by millwork trade – Refer to Addendum 3. Lockers at this location to have a standard metal base.

ii. Yes, anchor lockers to the wall.

Q20: Section 10 51 13 - 2.1.6 – Metal Lockers, Evidence Lockers

a. Specifications .2, .3, .4, .5 and .6 these features are not traditionally found in Evidence Lockers, but rather in General Lockers similar to those identified in -

.3 Lockers (LKR-3),

.4 Lockers (LKR-4) and

.5 Lockers (LKR-5)

Question: Can you please clarify if the requirement is for gear lockers?

A20: No special requirements for these evidence lockers.

Q21: Section 10 51 13 – 2.2 – Metal Lockers, Master Key Schedule

a. 2.2.5 – NBCR 140A Lockers: Dedicated Master Key

Question: Can you please provide clarification for which locker(s) this requirement is for?

A21: For the two LKR-1 lockers located in room G140A (elevation 53/A6.2).

Q22: The CIP Retaining wall along Garbage Enclosure is noted on plan L1.1 referencing detail 8/L2.2 but detail is missing on L2.2. Please provide detail.

A22: Refer to Addendum 3.

Q23: On Plans E1.0, S2.2 and L2.1 there are references to 3 concrete slabs North of the Emergency Generator to support Utility Transformer, CSTE and Splitter for Diesel Generator equipment. Are these to be constructed as Slabs on Grade similar to Chiller Slab? Please clarify?

A23: Slab on grade information noted at chiller also applies to pads for transformer, CSTE and splitter for generator.

Q24: Please clarify if the owner/consultant will obtain/pay for the Building Permit or if the contractor is expected to do so. For schedule reasons it would be beneficial if the owner/consultant took care of the Building Permit in advance of contract award.

A24: Refer to PART C - GENERAL CONDITIONS C6.14. Number TEN architectural group will apply for building permit. The General Contractor is responsible for paying for the permit. The Occupancy Classification for the police station is Group B Division 1.

Q24: Regarding applied fireproofing section 07 81 00 and the intumescent fireproofing section 07 81 23, we cannot see from the drawings where these scopes are required. Please clarify if and where required.?

A24: Refer to Addendum 3.

Q25: Landscaping detail 10 on L2.3 directs to see Layout Plan but the Layout Plan L1.2 does not clearly indicate swale locations and widths, although drawing C1.1 seems to indicate locations. Please confirm swale requirements.?

A25: Refer to materials plan for the locations of detail 10/L2.3 to be read in conjunction with grading plans L1.3 & L1.4.

Q26: Drawings A1.1 and C1.1 call for the demolition of the existing 100 Sinclair building at the north east corner of the site to be completed as part of Phase 2 after the main scope of work in Phase 1. However, drawing C1.2 shows building services, which will be an early priority, running through the existing building location. In this case removal of the building would need to be the first phase as there is no way to install the new site services for the NDPS through an existing building. Otherwise the proposed site services would need to connect to the street in a different location. Please clarify?

A26: Refer to Addendum 3.

Q27: Can we get a clarification regarding start & stop points on the plan for the Block Curb on C1.1. indicated by the note on the north side of the site near the access lane gate (old hockey rink location)? It isn't clear where it begins or stops.

A27: Refer to Addendum 3.

Q28: Drawing C1.2 shows the new WWS line running through the location of the existing W.A.S.A.C. building, which we are to maintain operational throughout the construction of the NDPS. We would not be able to commission this new service for the new building until the building is demolished and the new line is installed. Will re-accommodation planning/re-location of the W.A.S.A.C be complete in advance of November 6, 2023, allowing for services to be installed to meet the required Substantial Completion date? Or is the intent to install a temporary WWS line for commissioning purposes?

A28: Refer to Addendum 3.

Q29: In section 09 68 00 clause 1.11.2 calls for 25% extra materials for CPT-1 and EM-1, which seems unusually high. Is 25% accurate?

A29: Yes, this amount is correct. WPS will keep additional products on site for carpet tile replacements as needed.

Q30: What are the foundation requirements for the 100' tall baseball netting support poles?

A30: The foundation requirements are described in spec. section 32 37 00 - see clause 1.3.

Q31: Drawing L1.1 Materials Plan is showing different quantity and dimensions of Boulder Edgers and Debarked Hardwood Log compared with Details 6 & 7 on L2.4. Please clarify.?

A31: Refer to Addendum 3.

Q32: Section 08 06 00 shows Door D-G154 to be Type H and manually operated. However, drawing A1.3 says motorized overhead door. Please clarify?

A32: Yes this door is motorized. Refer to Addendum 3.

Q33: The existing water main through the new building footprint will require abandonment. Is the intent to remove the tee connection at Flora Pl.?

There are notes on the Civil drawing to abandon additional unknown ex. services in the existing field that are to be "located, abandoned, and buried". What are these suspected services? Can the intent be expanded/clarified here?

A33: All services to be abandoned according to City of Winnipeg Standard Construction Specifications. See General Notes - Note 12 on Civil drawings C1.1 and C1.2.

The shown underground utilities below the proposed NDPS building are based on available as-built information. All existing utilities will require confirmation in-field. Refer to General Notes - Note 2 on Civil drawings C1.1 and C1.2.

Q34: In spec section 01 52 00 clause 1.9.1 directs to provide and pay for responsible security personnel to guard site and contents of site after working hours and during holidays. Is the intent that the GC is to provide site security at all times outside of working hours for the duration of the project? Or that the GC is responsible for providing site security as required based on the GC's discretion?

A34: Refer to Addendum 3.

Q35: Fixtures SJ and SJ1 are shown on drawing E2.0 but are not on the luminaire schedule. Please confirm fixture specs.?

A35: Missing light fixtures have been added to revised luminaire schedule. Refer to addendum 3.

Q36: I just noticed that the layout notes on L1.2 are cut off. Hopefully this will be addressed in the addendum?

A36: Refer to Addendum 3.

Q37: In spec section 21 08 10 clause 2.13.1 directs Section 21 80 10 to supply and install drain line sound proofing as specified in Section 21 05 00. Please confirm if 21 80 10 is a typo meant to be 21 08 10. Also, Section 21 05 00 is Fire Suppression and does not appear to include any sound proofing requirements. Please clarify mechanical room drain lines sound proofing requirements, including exactly which drains are to be sound proofed as well as required material, whether its just duct wrap, pipe covering (thickness) or covered with a mass load vinyl jacket.

A37: Drain line sound proofing is not required.

Q38: It is usually preferred that the harmonic filters are supplied with the VFD, which for NDPS are by mechanical. However, NDPS documents call for harmonic filters to be provided by electrical. Can this be revised to have the harmonic filters included with the VFDs?

A38: Harmonic filter is included in specification 25 20 20.

Q39: Confirm foundation type for W.A.S.A.C building to confirm demolition scope. Is it a basement on strip footings, foundation piles at grade or other type?

A39: Refer to Record Drawing attached in Addendum 3.

Q40: Have you applied for and/or obtained the building permit? If not, when do expect it will be complete?

a. Who is responsible to pick and pay for the building permit? Owner, GC or Consultant?

A40: No, a building Permit has not been obtained. The expectation is that the GC will obtain necessary Permits.

Q41: Please confirm if a load bank is to be supplied for the project, and if so, please provide a spec and location. See below from E6.1.?

A41: Load bank is not to be supplied for project. Pigtails and plug is added for load bank connection. Refer to addendum 3.

Q42: Please clarify regarding the roofing membrane at the steel roof: A5.5 - (R2) Metal Roofing: Fully Adhered Vapour Barrier Membrane

07 41 13-2.2.2 Acceptable Materials under specification: Tyvek Building Wrap Is Tyvek acceptable?

A42: Fully Adhered Vapour Barrier Membrane refers to an adhesive elastomeric membrane. Refer to 07 41 13- 2.2.4.1 for acceptable materials

Q43: Drawing C1.1 - Does "replace sidewalk panels to match to proposed grades" mean removal of existing ramp only?

A43: There is no existing ramp.

The new pedestrian para-ramps and new vehicular approach identified on C1.1, are new construction tying into an existing sidewalk parallel to Sinclair Avenue.

New sidewalk must match and transition accordingly with existing, as per new grading, to match/align with existing sidewalk.

Q44: CIP concrete sidewalks shown on C1.1 Lot Grading Plan (highlighted in red and blue) are missing on L1.1 Materials Plan. Is L1.1 Materials Plan or C1.1 Lot Grading Plan correct?

A44: Refer to Addendum 3.

Q45: CIP concrete sidewalk shown on L1.1 Materials Plan (highlighted in green on C1.1 Lot Grading Plan) is missing on C1.1 Lot Grading Plan. Is L1.1 Materials Plan or C1.1 Lot Grading Plan correct.

A45: Refer to Addendum 3.

Landscape Materials Plan identifies C of W curb ramp detail and extent of pavement. Civil C1.1 indicates to refer to L1.1.

Also refer to Architectural Site Plan A1.1

Q46: What is correct quantity of Bollards shown on L1.1 Materials highlighted in red (see attached drawing)? Legend says 26 ea whereas I counted 23 ea. There are 25 noted on L1.2.?

A46: Refer to Addendum 3

The purpose of the drawing is to reflect intended configuration and number. Provide 23 bollards spaced accordingly @1800mm, as indicated refer to 1/L2.

Also refer to Architectural Site Plan A1.1; bollards to be spaced 1800mm o.c.

- The spacing of the 23 bollards varies between 1.5m & 1.4m – SEE L1.2 1.4m works better at the accessible stalls in terms of the stall layout.

Also note bollards at vehicular gate to rear yard parking (12 indicated), as well as bollards either side of Garage O/H doors (4 indicated), at garbage enclosure (4 indicated) and surrounding transformer (4 indicated).

Q47: 26 23 00 - Main distribution spec you would like this to meet CSA C22.2 No.31 - As you can see from the attached mark-ups this complete spec will need to be replaced with a low voltage switchboard spec. I have provided a low voltage spec for your use/reference.

A47: Section 26 23 00 is deleted and is replaced with new section 26 24 13 Switchboards. Refer to addendum 3.

Q48: In the cells, they are asking for a rugged steel smoke detector guard for the smoke detectors. We no longer have any ULC listed guards for our smoke detectors. Would we be able to suggest an alternate solution, stainless steel sampling points with a VEA-040. It is self testing, which would eliminate the need to go into the cells for testing the system for each year's inspection. You would no longer need to take off the cages when changing devices, etc. As this is a new build, this would be easy to integrate into the design and be easier for the customer to manage.

A48: Rugged steel smoke detector guards are not required within the Holding and Interview Rooms. Refer to Addendum 3.

Q49: 26 24 06 refers to customer metering however this spec is different then spec 26 23 00 1.15 & 26 24 16 2.3. Can you please confirm which spec should be followed for the DMS units located in MD-1, CDP-GEN & CDP-EE.

A49: Both specifications are applicable.

Q50: 26 24 06 - Detailed spec with PXM1300 requested. This meter will meet and exceed this spec requirements.

A50: Noted.

Q51: 26 24 06, 3.5.4 - 3.5.4 The power meter shall have a real-time clock with battery back-up with at least one (1) year ride-through time without external power. - No battery required on our offering as our memory is non-volatile. Will not get deleted if power outage.

A51: Battery backup is required where applicable.

Q52: 26 24 06 and 26 24 16. The last project had PXM2260 in the main and IQ260 on CDP-EE. Please see attached meter chart for a summary of their features. Please advise which meter you would like for MD-1, CDP-EE, CDP-GEN and the loose meter after ATS#1. Did you want the digital meter for ATS#1 to be loose? If we place in Pnl EC, then the meter and the CT's would be mounted in this panel. If you have it loose, the contractor will have to find a place to mount the CT's.

A52: Meter locations with type of meters are identified on single line diagram. Specification is updated. Refer to addendum 3.

Q53: The drawings don't show firestopping or intumescent fireproofing, but it's in the specs. Only area I see where this may be required is the underside of M/E Penthouse. Is the intent to protect the deck and beams supporting the PH with 1 hr. fireproofing, and the columns with 1 hr. intumescent fireproofing? Or is the floor assembly in this area being protected with drywall.

A53: Refer to addendum 3.

Q54: The SLD indicates the ATS to have a WCR of 42KA but the upstream bus rating is only 35KA; is 35KA for the ATS's acceptable? A 600Amp frame has a standard WCR of 35KA@600Volts; if 42KA is required the ATS's would need to be upsized to an 800Amp frame size with size and cost implications.

A54: 35 kA is acceptable for ATS. Refer to Addendum 3.

Q55: The ATS spec indicates that the ATS's are to be provided in a sprinkler proof NEMA 3R enclosure or NEMA 4 if installed outdoors; are the ATS's to be installed in a sprinklered room or outdoors or is a standard NEMA 1 enclosure suitable?

A55: NEMA 3R is required as per specifications 26 36 23 2.2.13.

Q56: Dear Sir, please accept this as our request for equal on the auto/bypass transfer switch with a Kohler KB\_ (see attached) for the North District Police Station project. Specifications Section 26 36 23?

A56: Kohler Products ATS is accepted as an approved product. Refer to addendum 3.

Q57: Can you also provide some clarification on the specified enclosure for the generator in Sec 26 32 19, as it's written, this would require a custom designed / manufactured enclosure adding substantial costs over a standard factory enclosure (w/ winterizing features). Would the winterized factory "Skin Tight" enclosure be acceptable, we have supplied this package all over Manitoba & NW Ontario for a good number of years now and it is essentially the standard nowadays? I have attached a marked up copy of this section that we provided on a previous project when we raised this topic.?

A57: Refer to addendum 3.