



1176-2019 ADDENDUM #8

BUILDING SYSTEMS UPGRADE – 2055 NESS AVENUE

URGENT

**PLEASE FORWARD THIS DOCUMENT TO
WHOEVER IS IN POSSESSION OF THE
TENDER**

ISSUED: January 7, 2020
BY: Kathy Roberts
TELEPHONE NO. 204-470-7380

**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE TENDER AND SHALL FORM A PART
OF THE CONTRACT DOCUMENTS**

Template Version: A20190115

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

PART B – BIDDING PROCEDURES

Revise: B2.1 to read: The Submission Deadline is 12:00 noon Winnipeg time, January 10, 2020.

PART E – SPECIFICATIONS

Revise: E1.5 to read: The following are applicable to the Work:

<u>Specification No.</u>	<u>Specification Title</u>
000000	Cover
000101	Contact List
NMS SPECIFICATIONS	
DIVISION 01 – GENERAL REQUIREMENTS	
000110	Table of Contents / Drawing Index
003100	Available Project Information
011100	Summary of Work
012100	Allowances
013119	Project Meetings
013233	Photographic Documentation
013300	Submittal Procedures
013500	Special Procedures
013530	Health and Safety Requirements
014200	References
014500	Quality Control
015100	Temporary Utilities
015200	Construction Facilities
015600	Temporary Barriers and Enclosures
016000	Basic Product Requirements
017400	Cleaning
017700	Closeout Procedures
017800	Closeout Submittals
DIVISION 02 – EXISTING CONDITIONS	
024119	Selective Demolition for Renovations
028100-R1	Hazardous Materials – General Provisions

028210-R1	Asbestos Abatement – Low Risk Precautions
028211-R1	Asbestos Abatement – Moderate Risk Precautions
028212-R1	Asbestos Abatement – Glove Bag
028213	Asbestos Abatement – High Risk Precautions
028310-R1	Lead Abatement – Minimal Precautions
028311-R1	Lead-Silica Abatement – Intermediate Precautions

DIVISION 03 –

CONCRETE

031000	Concrete Formwork Structural
032000	Concrete Reinforcing
033000	Cast in Place Concrete
033500	Concrete Finishing

DIVISION 04 –

MASONRY

040510	Common Masonry
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DIVISION 05 –

METALS

051200	Structural Steel
055000	Metal Fabrications

DIVISION 06 –

WOOD, PLASTICS AND COMPOSITES

061000	Rough Carpentry
062000	Finish Carpentry
064000	Architectural Woodwork
066116	Solid Surface Fabrication

DIVISION 07 –

THERMAL AND MOISTURE PROTECTION

072100	Thermal Insulation
072500	Air/Vapour Barrier Membrane
074213	Metal Wall Panels
075350-R1	Modified Bituminous Membrane Roofing
076200	Sheet Metal Flashing and Trim
078110	Sprayed Fireproofing
078400	Firestopping
079200	Joint Sealing

DIVISION 08 –

OPENINGS

081100	Steel Doors and Frames
081116	Aluminium Doors and Frames
081400	Wood Doors
083500	Folding Doors and Grilles
084229	Sliding Automatic Entrance – Interior
084313	Aluminium Framed Entrances and Storefronts
087100	Door Hardware
088000	Glazing

DIVISION 09 –

FINISHES

092216	Non-Structural Metal Framing
092900	Gypsum Board
093013	Ceramic Tiling
095130	Acoustic Panel Ceilings
096500	Resilient Flooring
096700-R1	Fluid-Applied Flooring
097216	Rigid Sheet Vinyl Wall Covering
099000	Painting

DIVISION 10	-	SPECIALITIES
109990		Miscellaneous Specialties
DIVISION 14	-	CONVEYING EQUIPMENT
142000		Material Lift
DIVISION 21	-	GENERAL MECHANICAL / FIRE SUPPRESSION
210500		Common Work for Mechanical
211100		Fire Protection Piping
211300		Sprinklers
211450		Fire Extinguishers
DIVISION 22	-	PLUMBING
221000		Plumbing Piping
224201		Plumbing Specialties
224202		Plumbing Fixtures
224700		Plumbing Equipment
DIVISION 23	-	HEATING, VENTILATING AND AIR CONDITIONING
230513		Motors
230516		Piping Expansion Compensation
230519		Gauges and Meters
230520		Hydronic Specialties
230529		Supports and Anchors
230548		Vibration Isolation
230553		Mechanical Identification
230593		Testing, Adjusting and Balancing
230713		Duct Insulation
230716		Equipment Insulation
230719		Piping Insulation
232100		Hydronic Piping
232123		HVAC Pumps
232500		Chemical Treatment for Piping
233100		Ductwork
233248		Sound Attenuators
233300		Ductwork Accessories
233700		Air Outlets and Inlets
235100		Breechings, Chimneys and Stacks
235216		Boilers – Condensing Water Tube
235700		Heat Exchangers
236400		Water Chillers – Packaged
236516		Cooling Towers – Induced Draft
237200		Air-to-Air Heat Exchangers
237323		Air Handling Units
237324		Dehumidification Units
237413		Air Conditioning Units – Packaged Rooftop
238200		Terminal Heat Transfer Units
DIVISION 25	-	INTEGRATED AUTOMATION
253000		Instruments and Control Elements
255002		Digital Control Equipment
259000		Sequence of Operation
DIVISION 26	-	ELECTRICAL

260310	Minor Electrical Demolition for Remodeling
260500	Common Work Results for Electrical
260519	Building Wire and Cable
260526	Grounding and Bonding
260529	Electrical Supporting Devices
260533	Conduit
260534	Boxes
260553	Electrical Identification
260580	Equipment Wiring
261216	Transformers – Dry Type
262401	Utility Service Entrance
262413	Distribution Switchboards
262416	Panelboards
262716	Cabinets and Enclosures
262726	Wiring Devices
265113	Interior Luminaires

DIVISION 27	-	COMMUNICATIONS
270528		Pathways for Communications Systems
271005		Structured Cabling for Communications Systems
275123		Intercom Devices

DIVISION 28	-	ELECTRONIC SAFETY AND SECURITY
281000		Access Control
281600		Intrusion Detection
282300		Video Surveillance
284600		Fire Alarm

DIVISION 32	-	EXTERIOR IMPROVEMENTS
328310		Chain Link Fencing

<u>Drawing No.</u>	<u>Drawing Name/Title</u>
A-000-R0	TITLE SHEET
A-001-R0	BUILDING CODE SUMMARY
A-002-R1	CONSTRUCTION ASSEMBLIES / SCHEDULES
L-100-R0	SITE PLAN – DEMOLITION & RENOVATION
A-100-R0	BASEMENT / CRAWLSPACE DEMOLITION PLAN
A-101-R0	MAIN FLOOR EMOLITION PLAN – SOUTH
A-102-R0	SECOND FLOOR / ROOF DEMOLITION PLAN
A-200-R0	BASEMENT / CRAWLSPACE RENOVATION PLAN
A-201-R0	MAIN FLOOR RENOVATION PLAN – SOUTH
A-202-R0	MAIN FLOOR RENOVATION PLAN – NORTH
A-203-R0	SECOND FLOOR RENOVATION PLAN
A-204-R0	ROOF PLAN
A-205-R0	ENLARGED PLANS
A-206-R0	ENLARGED PLANS
A-207-R0	REFLECTED CEILING PLAN
A-300-R0	BUILDING SECTIONS
A-301-R0	BUILDING SECTIONS
A-500-R0	WALL SECTIONS
A-501-R0	WALL SECTIONS
A-600-R0	DETAILS
A-601-R0	DETAILS
A-602-R0	DETAILS
A-700-R0	INTERIOR ELEVATIONS
A-701-R0	INTERIOR ELEVATIONS & MILLWORK
A-702-R0	MILLWORK & DETAILS

A-703-R0	INTERIOR ELEVATIONS
SKA-01-R0	INTERIOR GLAZING SCHEDULE
C-01-R0	LOT SERVICE PLAN
S1.1-R0	GENERAL NOTES
S1.2-R0	TYPICAL DETAILS
S2.1-R0	PARTIAL MAIN FLOOR FRAMING PLAN
S2.2-R0	SECOND FLOOR FRAMING PLAN
S2.3-R0	PARTIAL ROOF FRAMING PLAN
S2.4-R0	MECH ENCLOSURE ROOF PLAN
S5.1-R0	SECTIONS
M0.1-R0	MECHANICAL SYMBOLS
MP2.0-R0	BASEMENT DEMOLITION – PLUMBING PLAN
MP2.1-R0	LEVEL 1 DEMOLITION – PLUMBING PLAN
MP2.2-R0	LEVEL 2 DEMOLITION – PLUMBING PLAN
MP2.3-R1	BASEMENT RENOVATION – PLUMBING PLAN
MP2.4-R2	LEVEL 1 RENOVATION – PLUMBING PLAN
MP2.5-R1	LEVEL 2 RENOVATIO - PLUMBING PLAN
MP4.1-R0	DETAILS – PLUMBING
MF2.0-R0	BASEMENT – FIRE PROTECTION RENOVATION PLAN
MF2.1-R0	LEVEL 1 RENOVATION – FIRE PROTECTION PLAN
MF2.2-R0	LEVEL 2 RENOVATION – FIRE PROTECTION PLAN
MF2.3-R1	ARENA SOUTH – FIRE PROTECTION PLAN
MF2.4-R1	ARENA NORTH – FIRE PROTECTION PLAN
MF2.5-R0	ARENA SOUTH – FIRE PROTECTION PLAN
MF2.6-R0	ARENA NORTH – FIRE PROTECTION PLAN
MF4.1-R0	DETAILS – FIRE PROTECTION PLAN
MY2.0-R0	BASEMENT DEMOLITION – HYDRONIC PLAN
MY2.1-R0	LEVEL 1 DEMOLITION – HYDRONIC PLAN
MY2.2-R0	LEVEL 2 DEMOLITION – HYDRONIC PLAN
MY2.3-R1	BASEMENT RENOVATION – HYDRONIC PLAN
MY2.4-R1	LEVEL 1 RENOVATION – HYDRONIC PLAN
MY2.5-R0	LEVEL 2 RENOVATION – HYDRONIC PLAN
MY3.1-R0	LARGE SCALE PLANS – HYDRONIC
MY4.1-R0	DETAILS – HYDRONIC
MH2.0-R0	BASEMENT DEMOLITION – HVAC PLAN
MH2.1-R0	LEVEL 1 DEMOLITION – HVAC PLAN
MH2.2-R1	LEVEL 2 DEMOLITION – HVAC PLAN
MH2.3-R0	BASEMENT RENOVATION – HVAC PLAN
MH2.4-R1	LEVEL 1 RENOVATION – HVAC PLAN
MH2.5-R0	LEVEL 2 RENOVATION – HVAC PLAN
MH2.6-R1	ROOF RENOVATION – HVAC PLAN
MH3.1-R0	LARGE SCALE PLANS – HVAC
MH3.2-R0	3D LAYOUTS AND SECTIONS – HVAC
MH4.1-R0	DETAILS – HVAC
MH4.2-R0	DETAILS – HVAC
M5.1-R0	MECHANICAL SCHEMATICS – HVAC
M5.2-R0	MECHANICAL SCHEMATICS – HYDRONIC
M7.1-R2	HVAC SCHEDULES
M7.2-R3	HYDRONIC SCHEDULES
E0.1-R0	ELECTRICAL SYMBOLS AND ABBREVIATIONS
E1.1-R0	ELECTRICAL SITE PLAN – DEMOLITION
E1.2-R0	ELECTRICAL SITE PLAN – RENOVATION
EDL2.0-R0	BASEMENT DEMOLITION – LIGHTING PLAN
EDL2.1-R0	LEVEL 1 DEMOLITION – LIGHTING PLAN
EDL2.2-R0	LEVEL 2 DEMOLITION – LIGHTING PLAN
EDP2.0-R0	BASEMENT DEMOLITION – POWER & SYSTEMS PLAN
EDP2.1-R0	LEVEL 1 DEMOLITION – POWER & SYSTEMS PLAN
EDP2.2-R0	LEVEL 2 DEMOLITION – POWER & SYSTEMS PLAN
EL2.0-R0	BASEMENT RENOVATION – LIGHTING PLAN

EL2.1-R2	LEVEL 1 RENOVATION – LIGHTING PLAN
EL2.2-R0	LEVEL 2 RENOVATION – LIGHTING PLAN
EP2.0-R1	BASEMENT RENOVATION – POWER PLAN
EP2.1-R1	LEVEL 1 RENOVATION – POWER PLAN
EP2.2-R1	LEVEL 2 RENOVATION – POWER PLAN
EF2.0-R0	BASEMENT RENOVATION – FIRE ALARM PLAN
EF2.1-R0	LEVEL 1 RENOVATION – FIRE ALARM PLAN
EF2.2-R0	LEVEL 2 RENOVATION – FIRST ALARM PLAN
EC1.1-R1	ARENA ELECTRICAL PLAN – DEMOLITION
EC1.2-R1	ARENA ELECTRICAL PLAN – RENOVATION
E4.1-R0	ELECTRICAL DETAILS
E5.1-R0	ELECTRICAL SINGLE LINE DIAGRAM – EXISTING
E5.2-R0	ELECTRICAL SINGLE LINE DIAGRAM – RENO 1 OF 2
E5.3-R1	ELECTRICAL SINGLE LINE DIAGRAM – RENO 2 OF 2
E5.4-R1	FIRE ALARM RISER
E5.5-R1	SYSTEMS RISER DIAGRAM
E6.1-R3	ELECTRICAL SCHEDULES
E6.2-R1	ELECTRICAL SCHEDULES
E6.3-R0	ELECTRICAL SCHEDULES
E6.4-R0	ELECTRICAL SCHEDULES
E6.5-R0	ELECTRICAL SCHEDULES
E6.6-R0	ELECTRICAL SCHEDULES

NMS SPECIFICATIONS

Section 01 51 00 Temporary Utilities

Revise: 1.5 to read: Contractor will be able to utilize permanent building water supply for the duration of the project as required. If permanent supply is not available, Contractor shall arrange for temporary connection with appropriate utility company and pay all costs for installation, maintenance, removal and usage.

Add: 1.5.2: Water bills where permanent building water is being used by the Contractor will be paid by the City.

QUESTIONS AND ANSWERS

Q1: What is the size of the main gas pipe?

A1: Estimated size of incoming natural gas service to the Site is 1-1/2" diameter at 5 psi.

Q2: What is the size of the gas pipe at the boiler inlet?

A2: Boiler gas connections basis of design is 3" diameter at 3.5-20" wc inlet pressure range.

Q3: Is a gas pressure reducing valve required on the main line?

A3: Pressure regulator(s) will be required to reduce incoming service pressure to meet boiler gas train requirements.

Q4: Can you clarify who is paying for water, hydro and gas?

A4: Further to Specification 01 51 00 Temporary Utilities:

Water: Refer to Item 1.5.1 and 1.5.2 in this Addendum.

Heat and Electricity: Contractor will be able to utilize permanent building systems and services for the duration of the project as required. If permanent systems and services are not available, Contractor shall provide temporary heating, ventilation, power and light in accordance with Items 1.6 and 1.7. Utility bills where permanent building systems and services are being used by the Contractor will be paid by the City.