



1176-2019 ADDENDUM #1

BUILDING SYSTEMS UPGRADE – 2055 NESS AVENUE

URGENT

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

ISSUED: December 11, 2019
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 A – BID SUBMISSION

Replace: 1176-2019 Bid Submission with 1176-2019 Addendum-1 Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission:

Form B(R1): Add Item No. 2

PART B – BIDDING PROCEDURES

- Add: B10.1.3: Clarification regarding pricing for lead abatement work for the Arena ceiling area:
- Add: B10.1.3(a): Pricing for Item 1 – All Work for Building Systems Upgrade – 2055 Ness Avenue shall include lead abatement work for the entire Arena ceiling area.
- Add: B10.1.3(b): Pricing for Item 2 - Unit Rate to Abate Lead Paint from the Arena Ceiling will be used to adjust the cost of lead paint abatement in this area. See D12.3 for further details.

PART D – SUPPLEMENTAL CONDITIONS

- Add: D12.3 Unit pricing for Item 2 - Unit Rate to Abate Lead Paint from the Arena Ceiling on Form B: Prices will be used to adjust the cost of lead paint abatement in this area.
- Add: D12.3.1 After removal of the insulating blanket, the Contractor and Contract Administrator will determine the actual area of ceiling space that requires lead paint abatement. If the SF value is less than the full SF area of the Arena ceiling, then the unit rate referenced in D12.3 will be used to reduce the cost of the work quoted by the Contractor, and this amount (if any) will be a credit back to the City.

Page numbering on some forms may be changed as a result.

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	Hazardous Materials – General Provisions
028210	Asbestos Abatement – Low Risk Precautions
028211	Asbestos Abatement – Moderate Risk Precautions
028212	Asbestos Abatement – Glove Bag
028310	Lead Abatement – Minimal Precautions
028311	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	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		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
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A-001-R0	BUILDING CODE SUMMARY
A-002-R0	CONSTRUCTION ASSEMBLIES / SCHEDULES
L-100-R0	SITE PLAN – DEMOLITION & RENOVATION
A-100-R0	BASEMENT / CRAWLSPACE DEMOLITION PLAN
A-101-R0	MAIN FLOOR DEMOLITION 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
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-R0	BASEMENT RENOVATION – PLUMBING PLAN
MP2.4-R0	LEVEL 1 RENOVATION – PLUMBING PLAN
MP2.5-R0	LEVEL 2 RENOVATION – 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-R0	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-R0	LEVEL 2 DEMOLITION – HVAC PLAN

MH2.3-R0	BASEMENT RENOVATION – HVAC PLAN
MH2.4-R0	LEVEL 1 RENOVATION – HVAC PLAN
MH2.5-R0	LEVEL 2 RENOVATION – HVAC PLAN
MH2.6-R0	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-R0	HVAC & PLUMBING SCHEDULE
M7.2-R0	HYDRONIC SCHEDULE
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-R1	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-R0	LEVEL 2 RENOVATION – SYSTEMS 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-R0	ELECTRICAL SINGLE LINE DIAGRAM – RENO 2 OF 2
E5.4-R0	FIRE ALARM RISER
E5.5-R1	SYSTEMS RISER DIAGRAM
E6.1-R1	ELECTRICAL SCHEDULES
E6.2-R0	ELECTRICAL SCHEDULES
E6.3-R0	ELECTRICAL SCHEDULES
E6.4-R0	ELECTRICAL SCHEDULES
E6.5-R0	ELECTRICAL SCHEDULES
E6.6-R0	ELECTRICAL SCHEDULES

DRAWINGS

Replace: 1176-2019 _Drawing_MF2.3-R0 with 1176-2019 _Addendum_#1 Drawing_MF2.3-R1
 1176-2019 _Drawing_MF2.4-R0 with 1176-2019 _Addendum_#1 Drawing_MF2.4-R1
 1176-2019 _Drawing_MY2.3-R0 with 1176-2019 _Addendum_#1 Drawing_MY2.3-R1
 1176-2019 _Drawing_EL2.1-R0 with 1176-2019 _Addendum_#1 Drawing_EL2.1-R1
 1176-2019 _Drawing_EP2.0-R0 with 1176-2019 _Addendum_#1 Drawing_EP2.0-R1

1176-2019 _Drawing_EP2.1-R0 with 1176-2019 _Addendum_#1 Drawing_EP2.1-R1

1176-2019 _Drawing_EC1.1-R0 with 1176-2019 _Addendum_#1 Drawing_EC1.1-R1

1176-2019 _Drawing_EC1.2-R0 with 1176-2019 _Addendum_#1 Drawing_EC1.2-R1

1176-2019 _Drawing_E5.5-R0 with 1176-2019 _Addendum_#1 Drawing_E5.5-R1

1176-2019 _Drawing_E6.1-R0 with 1176-2019 _Addendum_#1 Drawing_E6.1-R1

NMS SPECIFICATIONS

Section 07 53 50 Modified Bituminous Membrane Roofing

Revise 1.6.1 to read: Roofing Contractor must be a company specializing in installation of sheet roofing membranes approved by the membrane manufacturer.

Section 22 42 02 Plumbing Fixtures

2.2.1 LAV-1 – Integral Deck

Revise 2.2.1.5 to read: Lavatory – 4” centers, electronic faucet:

2.2.2 LAV-2 – Vitreous China Wall Hung Basin

Revise: 2.2.2.3.3 to read: 4” centers

Revise: 2.2.2.5 to read: Lavatory – 4” centers, electronic faucet:

2.2.3 LAV-3 – Vitreous China Count Mount Basin

Revise: 2.2.3.5 to read: Lavatory – 4” centers, electronic faucet:

2.4.1 DF-1 – Combination Drinking Fountain & Bottle Filler

Revise: 2.4.1.1 to read: Manufacturer: Franke KEP8AC-SBF-SND.

Add: 2.5 Wall Hung Urinals

.1 UR-1:

.1 Manufacturer: Kohler model K-4904-ET.

.2 Other acceptable manufacturers offering equivalent products:

.1 American Standard

.2 Contrac

.3 Substitutions: Refer to Section 21 05 00.

.3 ASME A112.19.2 / CSA B45.1:

.1 Vitreous china

.2 Wall hung washout urinal with shields

.3 Integral trap

.4 19 mm (3/4 inch) top spud

.5 Steel supporting hanger

- .4 ADA / CSA B651
 - .1 Barrier-free compliant when installed at proper height. Refer to drawings.
- .2 Exposed Sensor Operated Flush Valve – Hardwired:
 - .1 Manufacturer: Delta model 81T231BTA.
 - .2 Other acceptable manufacturers offering equivalent products:
 - .1 Powers
 - .2 Substitutions: Refer to Section 21 05 00.
 - .3 ASME A112.18.1:
 - .1 Exposed chrome plated, battery operated diaphragm type with infrared sensor for 19mm (3/4 inch) top-inlet urinal fixture,
 - .2 Vandal-resistant cover screw,
 - .3 Metal “non hold open” handle,
 - .4 Integral screwdriver stop,
 - .5 Vacuum breaker,
 - .6 Cover tube and SS wall flange, spud flange and spud nut.
- .3 Wall Mounted Carrier:
 - .1 Manufacturer: Mifab model MC-31
 - .2 Other acceptable manufacturers offering equivalent products:
 - .1 Zurn
 - .2 Substitutions: Refer to Section 21 05 00.
 - .3 ASME A112.6.1:
 - .1 Cast iron and steel frame with two structural steel legs
 - .2 Lugs for floor and wall attachment
 - .3 Threaded fixture studs for fixture hanger to bearing studs.

Section 28 10 00 Access Control

Revise 2.1.1 to read: Kantech KT-400 series complete with Entrapass Special Addition single workstation software management system (ACS).

Revise 2.3.1 to read: Manufacturer: Kantech KT-400 series, or approved equal in accordance with B7.

QUESTIONS AND ANSWERS

Q1: How do I determine whether or not to fill in an amount for MRST (PST) on Form B:Prices?

A1: If your invoice to the City would show MRST (PST) broken out, then the line item for MRST (PST) on Form B: Prices needs to be filled in. If your invoice to the City would not show MRST (PST), and would only show GST, then the line item for MRST (PST) on Form B: Prices would be \$0.

Q2: How should we price lead paint abatement work that is hidden behind the blanket at the Arena ceiling?

A2: Refer to B10.1.3 and D12.3 in this Addendum.

Q3: What is the composition of the Auditorium roof and the West roof over the pool change rooms?

A3: Auditorium roof:

Concrete Deck
Felt and asphalt vapour barrier
2 layers 2" EPS
3 layers ½" fibreboard
4 ply felt and asphalt
Gravel cover

Pool roof over change rooms and hallway:

Metal deck
Felt and asphalt vapour barrier
Roof GWB
2 layers 2" EPS
3 layers ½" fibreboard
4 ply felt and asphalt
Gravel cover

Q4: Can we get a list of the contractors who attended the Site Meeting(s)?

A4: The City does not post names of site investigation attendees, but we suggest that Bidders can view the plan holders list on MERX.