

PART E
SPECIFICATIONS

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GENERAL

E1. UTILITIES

- E1.1 The Contractor shall arrange and pay for the appropriate utility to disconnect and seal off from the Site, all service lines, pipes or conduits other than gas and hydro, that service the building(s) to be demolished. Further to Clause D2.2, the City has arranged to have the gas and hydro connections disconnected and meters removed.
- E1.2 The Contractor shall disconnect and seal off all sewer and water service connections. If the Contractor is unable, or not licensed to complete this work, the Contractor shall subcontract the work to a subcontractor licensed by the City to do such work on behalf of the Contractor.
- E1.3 The Contractor shall provide each utility and the City's Water and Waste Department with adequate prior notification as to when they will require these disconnection and sealing off services.

E2. PROTECTIVE BARRICADES

- E2.1 The Contractor shall provide and erect all protective barricades as required for demolition of buildings in accordance with the requirements of the employment safety regulations under the Workplace Safety and Health Act, Employment Safety Act and Winnipeg By-Law No. 1481/77 pertaining to erection of barricades for protection.
- E2.2 The Contractor shall also provide additional temporary barricades or rope off temporary demolition zones in the street right of way as may be necessary for any dangerous demolition operation in order to keep the public away from the Site. Such temporary barricades shall be removed as soon as possible in order to prevent unnecessary interruption of traffic.
- E2.3 The Contractor shall be responsible for maintaining all protective barricades, including gates, walks, lights, etc. in a good operating condition for the entire period of the demolition to the satisfaction of the Contract Administrator.

E3. DEMOLITION

- E3.1 Further to GC6.27, during the period between the award of Contract and the actual demolition, the Contractor shall maintain the building(s) in a boarded up state.
- E3.2 The Contractor shall demolish the existing buildings, structures, fences, sidewalks, etc. on the Site. The Contractor shall completely demolish all buildings and structures/foundations that are above and below ground and remove all debris and rubbish from the Site. The Contractor shall not store or permit debris or rubbish to accumulate on the Site for more than one Working Day. The Contractor shall completely clear the Site except for any existing trees, which the Contractor shall protect from damage.
- E3.3 The Contractor shall keep the exposed basement areas of the Site free of water until it has been backfilled to the satisfaction of the Contract Administrator. All equipment, pumps and appurtenances as may be required to keep these areas free of water shall be provided and maintained by the Contractor.
- E3.4 The Contractor shall fill the area below the existing ground exposed by the demolition with clean earth to a depth of 300 mm above the surface of the existing ground at the Site of the building. The clean earth fill shall be free of debris and rubbish of any kind and be approved by the Contract Administrator. The Contractor shall not place backfill material until the Contract

Administrator has inspected the excavation. Should any backfill be placed before the permission of the Contract Administrator has been obtained, the excavation shall be re-opened by the Contractor, at his expense.

- E3.5 The Contractor shall control dust from the demolition operations by suitable means to prevent harm to the work crews and the public to the satisfaction of the Contract Administrator.
- E3.6 The Contractor shall utilize rubbish chutes to carry down all rubbish from the building under demolition.
- E3.7 The Contractor shall ensure that the demolition operation be conducted with the minimum interference with streets, sidewalks, etc. No salvage material shall be placed or stored on streets, sidewalks, etc. within or surrounding the Site.
- E3.8 The Contractor shall protect all existing trees located on the Site or within the street right-of-way from damage during the demolition operation. The Contractor shall not remove existing trees without the written consent of the Contract Administrator.
- E3.9 The Contractor shall not burn debris or other material on the Site.
- E3.10 Unless directed otherwise by the Contract Administrator, the Contractor shall haul and deposit all material, except as described in Clause E4.1 and E5, from the Site to the City's Brady Road Landfill site.
- E3.11 The City will be responsible for the tipping fees for all demolition material not salvaged or recycled by the Contractor.
- E3.12 The Contractor shall submit, within twenty-four hours of a request by the Contract Administrator, how many tonnes of organic/building material and how many tonnes of concrete/rubble each Site is expected to generate. The Contractor shall haul the two materials separately; no mixed loads will be accepted at the Brady Road Landfill site or the concrete crushing plant described in E5.1(c).

E4. SALVAGED MATERIALS

- E4.1 All salvaged building materials resulting from the demolition including fixtures, except items noted hereinafter, shall become the property of the Contractor and shall be removed from the Site. All goods and chattels at the Site shall become the property of the City of Winnipeg, and shall be removed by the City prior to the demolition and sold to offset the cost of the demolition, unless in the judgment of the Contract Administrator these goods have no reclaimable value, in which case, these items shall be disposed of by the Contractor as refuse.
- E4.2 Service meters shall remain the property of the utility owning service.
- E4.3 The Contractor shall disconnect water meters and return them to the City of Winnipeg, Water and Waste Department, Emergency Services, Stores - 552 Plinguet Street, east end of building, within seven (7) days of disconnection.
- E4.4 The Contractor shall supply the Contract Administrator with the water meter receipt received from Water and Waste Department. The receipt shall accompany the Contractor's invoice.

E5. RECYCLING OF CONCRETE

- E5.1 The Contractor shall recycle all rebar, concrete and concrete products by:
 - (a) removing the rebar and crushing the concrete and concrete products to 100 mm down, utilizing the Contractor's own forces or others, then recycling the material as the Contractor sees fit; or

- (b) stockpiling rebar, concrete and concrete products on the Contractor's own property for future recycling as the Contractor sees fit; or
- (c) loading and hauling the rebar, concrete and concrete products directly to the Maple Leaf Construction asphalt plant located at 2245 Brookside Boulevard, Winnipeg. The City will pay for crushing costs and the Contractor shall pay for all costs related to loading and hauling of the material to the crushing plant. The recycled materials will become the property of Maple Leaf Construction.

E5.2 The Contractor shall not stockpile rebar, concrete or concrete products at the Site.

E6. HAZARDOUS MATERIALS

E6.1 If asbestos or other hazardous materials are encountered during the Work of the Contract, the Contractor shall stop all work and notify the Contract Administrator immediately. Removal of hazardous materials shall be dealt with by the City and the Contractor shall await further instructions by the Contract Administrator.

E7. VERIFICATION OF WEIGHTS

E7.1 All material which is paid for on a weight basis shall be weighed on a scale certified by Consumer & Corporate Affairs, Canada.

E7.2 All weight tickets shall have the gross weight and the time and date of weighing printed by an approved electro/mechanical printer coupled to the scale.

E7.3 The tare weight and net weight may either be hand written or machine printed. All weights, scales and procedures shall be subject to inspection and verification by the Contract Administrator. Such inspection and verification may include, but shall not be limited to:

- (a) checking Contractor's scales for Consumer & Corporate Affairs certification seals;
- (b) observing weighing procedures;
- (c) random checking of either gross or tare weights by having such trucks or truck/trailer(s) combinations as the Contract Administrator shall select weighed at the nearest available certified scale;
- (d) checking tare weights shown on delivery tickets against a current tare.

E7.4 The Contractor shall ensure that each truck or truck/trailer(s) combination delivering material which is paid for on a weight basis carries a tare not more than one (1) month old.

E7.5 The tare shall be obtained by weighing the truck or truck/trailer(s) combination on a certified scale and shall show:

- (a) upon which scale the truck or truck/trailer(s) combination was weighed;
- (b) the mechanically printed tare weight;
- (c) the license number(s) of the truck and trailer(s);
- (d) the time and date of weighing.

E8. TRUCK WEIGHT LIMITS

E8.1 The City shall not pay for any portion of material which results in the vehicle exceeding the maximum gross vehicle weight allowed under *The City of Winnipeg Traffic By-Law*, unless such vehicle is operating under special permit.



South Elevation



West Elevation



Rear Elevation (North)



West Elevation